

Engineering Architecture Environmental

## **PROJECT WORK PLAN:**

# ACM Abatement, Environmental Cleaning and Building Demolition

Buildings 1, 2, 3, 4, 5, 6, 9, 10, 11, 12, 16 and 17

Location:

Former Photech Imaging Site 1000 Driving Park Avenue Rochester, New York

Prepared for: City of Rochester Division of Environmental Quality 30 Church Street Rochester, New York 14614

LaBella Project No. 209288 City DEQ No. 032536 NYSDEC ERP No. B00016

December 2009

## Relationships. Resources. Results.

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## 1.0 Introduction

LaBella Associates, P.C. ("LaBella") has prepared this Project Work Plan – Asbestos Containing Material (ACM) Abatement, Environmental Cleaning and Building Demolition associated with the decommissioning and demolition of the former Photech Imaging Systems parcel located at 1000 Driving Park Avenue, located in the City of Rochester, Monroe County, New York, hereinafter referred to as the "site." Structures included in this Work Plan include the following;

Building 1:	Research and Design Addition
Building 2:	Emulsions Building
Building 3:	Garage
Building 4:	Maintenance Shop
Building 5:	Boiler House
Building 6:	Stationary Engineers Office
Building 7:	Coating Alley
Building 8:	Small Storage Building (associated with Building 2)
Building 9:	Small Storage Building (associated with Building 7)
Building 10:	Small Support Building (associated with Building 7)
Building 11:	Chemical Laboratory
Building 12:	Subcoat Building & Warehouse
Building 16:	Process Building
Building 17:	Dryer Addition

The site location is depicted on Figure 1. The locations of the building outlined above are depicted on Figure 2.

## 2.0 Objective

This project is broken down into discrete Tasks. The cumulative objective of each of these tasks is to complete the full building decontamination and cleaning to allow for the razing of the existing on-site structures, the demolition of all above and below grade structures and the recycling (i.e. crushing) of all non-contaminated masonry materials generated as part of the building demolition activities. The completion of these activities will allow the design phase investigation and soil and/or groundwater related remediation to be completed at the site unhindered by the physical restrictions of the existing building complex.

## 3.0 Scope of Work

The following scope of work will be completed as part of or in support of this work;

### Task 1: Project Design Documents

As part of the Work Plan, LaBella and LeChase Construction Services (LeChase) compiled several documents to support the completion of the proposed work. These documents included the following;

### Pre-Demolition Asbestos Survey:

As part of the design documents for the decommissioning and demolition of the remaining structures LaBella performed a Pre-Demolition Asbestos Survey of each of the structures targeted for demolition. A copy of the Asbestos Materials Survey Report is included as Appendix 1.

### Site Specific Variance:

To facilitate the completion of the asbestos abatement, LaBella petitioned the New York State Department of Labor (NYSDOL) for relief from several sections of Industrial Code Rule (ICR) 56 due to hardships related to the condition of the Photech structures. Primarily the hardships presented to the NYSDOL were related to the facility being abandoned and more specifically logistical issues related to the completion of the work in accordance with ICR-56 in light of the failed roofing, broken windows, broken doors, damaged walls, etc. These conditions result in extensive water infiltration with every rain fall. Also, general building debris is wide spread, and includes scattered friable pipe insulation. Much of the interior building surfaces will require cleaning and much of the debris will need to be handled as contaminated with friable asbestos. These conditions and requirements make it infeasible to pre-clean prior to containment and infeasible to plasticize ceiling, walls and floor.

Based on these conditions, the NYSDOL issued a site-specific Variance for the Site. A copy of the Approved Site-Specific Variance is included as Appendix 2.

### Pre-Demolition Environmental Survey:

As part of the design documents for the decommissioning and demolition of the remaining structures LaBella performed an environmental survey of the structures for potential chemical related issues. This survey included the review of the historical analytical data as well as the collection of additional characterization samples in an attempt to pre-characterize discrete waste streams anticipated for the site. This survey also identified on-site structures that will require special handling and/or decontamination as part of the decommissioning of the facility.

A copy of the Regulated Building Materials Survey Report is included as Appendix 3.

### Site-Specific Health & Safety Plan and Site-Specific Community Air Monitoring Plan

A Site-Specific Health and Safety Plan (HASP) and a Site-Specific Community Air Monitoring Plan (CAMP) were developed for this work. These documents will be critical for a safe and efficient project especially based on the numerous unknowns, structural issues, documented friable asbestos and known residual chemical contamination associated with the buildings. A copy of the HASP is included as Appendix 4. A copy of the CAMP is included as Appendix 5.

- 2 -ACM Abatement, Environmental Cleaning and Demolition Work Plan Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



In addition a Health Safety and Environmental Requirements for Contractors document is included in Bid Package 2 – ACM Removal and Environmental Cleaning and Bid Package 3 – Demolition and Foundation Removals.

## Citizens Participation Plan

A Citizen Participation Plan has been developed for the Former Photech Imaging site under New York State's Environmental Restoration Projects Program (ERP). The CPP seeks to assure an open process for the interested and possibly affected public. This includes public officials at all levels, citizen interest groups, commercial interests, individuals in the area of the Site, and the media. These parties can be a part of the decision-making process for this site, and need to be informed about on-site activities. It also identifies locations where these parties can obtain additional information about the remedial program for this site. A copy of the full CPP is included as Appendix 6.

### Task 2 - ACM Removal and Environmental Cleaning

Task 2 is designed to complete the following scope of work;

- The removal of all asbestos-containing materials and debris associated with the existing buildings and/or on-site debris. Note: Some non-friable materials (i.e. roofing) may remain in-place for removal during the Demolition Contract. The decision regarding which contract will be responsible for select non-friable materials will be based the pricing received during the bidding phase of the project;
- The environmental characterization, decommissioning and off-site disposal of all on-site building components. This includes, but is not limited to, the decommissioning of all liquid storage vessels, process related infrastructure, interior based wastewater systems and associated piping, chemically contaminated debris and equipment, etc.
- All soft demolition. This includes, but is not limited to, the removal of non-contaminated building components such as; drywall; ceiling systems; Heating, Ventilation and Cooling (HVAC) components; piping systems (i.e., fire suppression, domestic water, etc), miscellaneous non-masonry materials (i.e. foam insulation, non-structural metal, wood, etc). The inclusion of all soft demolition in the ACM Abatement and Environmental Cleaning Contract will allow for the appropriately trained work force to be available to address unforeseen conditions associated with asbestos-containing materials, chemical contamination or suspect contaminated infrastructure.

Detailed Specifications and Plans associated with this scope of work are included in 'Bid Package 2' – ACM Removal and Environmental Cleaning. A copy of Bid Package 2 is included as Appendix 7.

### Task 3 - Building Demolition and Foundation Removals

Task 3 is designed to complete the following scope of work;

• The full demolition of all existing structures at the site. Note: Some non-friable materials (i.e. roofing) may remain in-place for removal during the Demolition Contract. The decision regarding which contract will be responsible for select non-friable materials will be based the pricing received during the bidding phase of the project

- 3 -ACM Abatement, Environmental Cleaning and Demolition Work Plan Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



- The full removal of all subgrade building components to include foundations and footings, basement floor slabs and subgrade tunnels.
- Processing, crushing and staging of all non-contaminated masonry products for future reuse during site redevelopment.
- Salvaging and off-site disposal of all recyclable building materials.
- Segregation and off-site disposal of all non-recyclable or non-masonry materials.
- Removal of all piping systems to a point 5-foot beyond the outermost exterior or foundation wall system. Piping beyond this dimension will be removed as part of subsequent Work Plans and contracts.

Detailed Specifications and Plans associated with this scope of work are included in 'Bid Package 3' – Demolition and Foundation Removal. A copy of Bid Package 3 is included as Appendix 8.

### Task 4 – Project Closeout Package

LaBella Associates will require proper documentation of waste stream disposal from the Contractor. This documentation may include correspondence from the facility accepting the waste stream, manifests, bills of lading, weight tickets and daily flow meter measurements. At the completion of the work a Project Closeout Package will be assembled. The Package will include a brief discussion of the actions completed under this work plan, documentation of all waste streams disposed of off-site, copies of all CAMP and asbestos monitoring results and documentation of any significant findings.

Y:\ROCHESTER, CITY\209288 PHOTECH\WORK PLANS\BP2 & BP3 ACM ABATEMENT, ENV CLEANING & DEMO\2009.12.21 NYSDEC ASB ABATEMENT, ENV CLEANING AND DEMO WORK PLAN.DOC



## **Figures and Appendix**



## **PROJECT WORK PLAN:**

## ACM Demolition of Condemned Structures

- Building 13 Warehouse
- Building 15 Chemical Storage Shed
- Carpenter Shed
- Small Wood Shed

Location:

Former Photech Imaging Site 1000 Driving Park Avenue Rochester, New York

Prepared for:

City of Rochester Division of Environmental Quality 30 Church Street Rochester, New York 14614

LaBella Project No. 209288 City DEQ No. 032536 NYSDEC ERP No. B00016

November 2009

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Appendix 3 – Community Air Monitoring Plan

Appendix 4 – Temporary Electric

Appendix 5 - Temporary Water

Appendix 6 – Site Fencing

Appendix 7 – Asbestos Survey Report

Appendix 8 - Site Specific Variance Application

## 1.0 Introduction

LaBella Associates, P.C. ("LaBella") has prepared this Project Work Plan – Asbestos Containing Material (ACM) Demolition of Condemned Structures to address the timely removal of Building 13 – Warehouse, Building 15 – Chemical Storage Shed, Carpenter Shed and a Small Wood Shed from the former Photech Imaging Systems parcel located at 1000 Driving Park Avenue, located in the City of Rochester, Monroe County, New York, hereinafter referred to as the "site."

## 2.0 Objective

The objective of this phase of the project is to address structurally unsafe buildings and/or ancillary minor structures prior to the significant on-site activities. The completion of this objective will provide for a safer and more efficient work environment during future contracts.

## 3.0 Scope of Work

The following scope of work will be completed as part of or in support of this work;

### Task 1: Project Site Preparation

To assess the conditions of the existing structures, LaBella's Structural Engineering Division evaluated each of the buildings at the site. Based on this evaluation Building 13 and the Carpenter's Shed were determined to be structurally unsafe. A copy of the Condemnation Letter is included in Appendix 1.

A Site-Specific Health and Safety Plan (HASP) and a Site-Specific Community Air Monitoring Plan (CAMP) were developed for this work. These documents will be critical for a safe and efficient project especially based on the numerous unknowns, structural issues and documented friable asbestos. A copy of the HASP is included in 'Bid Package 1' – ACM Demolition of Condemned Structures included as Appendix 2. A copy of the CAMP is included as Appendix 3.

Note: Asbestos air monitoring is not covered in the site-wide CAMP. Asbestos air monitoring will be completed in accordance with 12 NYCCR 56 requirements. Additional asbestos air monitoring will be completed between abatement work areas and the site perimeter to provide data documenting safe operation and community safety.

### Task 2: Site Utilities

In preparation for the project a temporary electric service will be constructed for the site. This temporary electric service will provide a source of on-site power to support the completion of the project. A copy of the design documents for the temporary power supply is included as Appendix 4.

As part of the project requirements, the contractor will be required to provide dust suppression during all active demolition activities. Currently there is not a source of potable water available within the site boundaries. As such, a temporary water service will be installed within the boundaries of the site for use during the proposed on-site activities. A copy of the design documents for the temporary water supply is included as Appendix 5.

- 1 -ACM Demolition of Condemned Structures Work Plan Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



### Task 3 - Site Security and Access

Site security will be a continual issue for the project based on the long vacancy of the site and persistent vandalism. To help mitigate on-site security the following measures will be completed;

### Fencing:

- Approximately 800 linear feet of new 6-foot high galvanized chain link fence will be installed;
- Repair unauthorized breaches/entry locations in the existing perimeter fencing.

In addition, vehicle access to the site is limited based on the age of the existing fencing system. To improve site access the following measures will be completed;

- Install one (1) new double, 16-foot access gate [total width 32-feet] at the location of the southeastern most existing gate/curb cut;
- Provide Maintenance and Repair to the existing gate located at the northwestern most existing curb cut;

A copy of the site plan that depicts the location of the new fencing is included as Appendix 6.

### Board-Ups:

In addition, many of the ground level building access points (both pedestrian and loading dock doors) are either non-existent or damaged such that they provide no protection from unauthorized entry. To assist with the Site Security each of these ground level openings will be boarded-up to close these points of entry to the interior of the site buildings.

### Asbestos Debris (exterior):

Based on the uncontrolled vandalism and salvaging activities that have occurred at the site for many years, friable asbestos-containing materials have been scattered across some areas of the Site. To mitigate the possibility of exposure to non-asbestos certified personnel working on-site a NYS Licensed Asbestos Abatement company will be retained to police the exterior portions of the site. All asbestos-containing materials observed will be containerized in accordance with the regulations and relocated to a staging area within the structure for future disposal during the full asbestos abatement contract.

#### Task 4 - Asbestos

As part of the design documents for the demolition of the selected structures LaBella performed a Pre-Demolition Asbestos Survey of each of the structures targeted for demolition. A copy of the Asbestos Materials Survey Report is included as Appendix 7.

For Building 13, the Work Plan specifies that the floor slab is to remain. This is a deviation from the Section of NYS Industrial Code Rule 56 that allows for the demolition of condemned buildings with inplace asbestos. To address this deviation LaBella submitted a site-specific variance to the NYS Department of Labor (NYSDOL) to allow the floor slab to remain (Note: the floor slab and foundations will be removed in their entirety as part of the site-side demolition package). A copy of the proposed Variance is included as Appendix 8.

### Task 5 - Building Demolition and Disposal

The following structures are targeted for Demolition under this work plan;

### Building 13 – Warehouse:

Building 13 has been determined to be structurally unsafe and therefore is considered to be 'condemned'. As such, the demolition of Building 13 will occur with asbestos in place per 12 NYCCR 56-11.5, Controlled Demolition with Asbestos in place. However, the contractor will be required to collect potentially PCB containing light ballasts during the controlled demolition. Structural members, steel components and similar non-suspect items may be decontaminated and then reused/recycled. All remaining debris will be disposed of as Regulated Asbestos Containing Material (RACM). The building floor slabs will remain in-place until demolition of the other structures/floor slabs is conducted. Not removing the floor slabs is a deviation from 12 NYS ICR 56-11.5 so a Site-Specific Variance has been submitted to the NYSDOL.

### Building 15 – Chemical Shed:

Building 15, although structurally sound, is targeted for demolition in this first phase to allow for unobstructed access to this area for the design phase investigation of this suspect area of concern. The objective for the removal of Building 15 will be to remove all components associated with the structure down to the concrete floor slab, which is designed to remain. No asbestos-containing materials have been identified associated with this structure and as such, traditional demolition methods will be utilized.

#### Carpenter's Shed:

The Carpenter's Shed has been determined to be structurally unsafe and therefore is considered to be 'condemned'. In addition, it has been confirmed that both friable and non-friable asbestos is present within this structure. The objective for the removal of the Carpenter's Shed will be to remove all components associated with the structure including the floor. To complete this objective, the Carpenter's shed will be demolished in accordance with ICR 56-11.5.

#### Small Wood Shed:

The Small Wood Shed, although structurally sound is targeted for demolition in this first phase to allow more open access to the main buildings for future contracts. However, it has been confirmed that non-friable asbestos is present within this structure. The objective for the removal of the Small Wood Shed will be to remove all components associated with the structure including the floor. To complete this objective, the Small Wood shed will be demolished in accordance with ICR 56-11.6.

### Fencing:

To facilitate staging of materials during future contracts and to allow for unrestricted access to the general area of the Chemical Shed the former western perimeter fence will be removed for off-site disposal.

Detailed Specifications and Plans associated with the demolition of these structures are included in 'Bid Package 1' – ACM Demolition of Condemned Structures. A copy of Bid Package 1 is included as Appendix 2.

### Task 6 – Project Closeout Package

LaBella Associates will require proper documentation of waste stream disposal from the Contractor. This documentation may include correspondence from the facility accepting the waste stream, manifests, bills of lading, weight tickets and daily flow meter measurements. At the completion of the work a Project Closeout Package will be assembled. The Package will include a brief discussion of the actions completed under this work plan, documentation of all waste streams disposed of off-site, copies of all CAMP and asbestos monitoring results and documentation of any significant findings.

Y:\ROCHESTER, CITY\209288 PHOTECH\WORK PLANS\NYSDEC CONDEMNATION WORK PLAN.DOC

- 4 -ACM Demolition of Condemned Structures Work Plan Former Photech Imaging Site 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



# Appendix 3

## **Regulated Building Materials Survey**

# REGULATED BUILDING MATERIALS REMOVAL FOR FORMER PHOTECH IMAGING SYSTEMS FACILITY

1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK

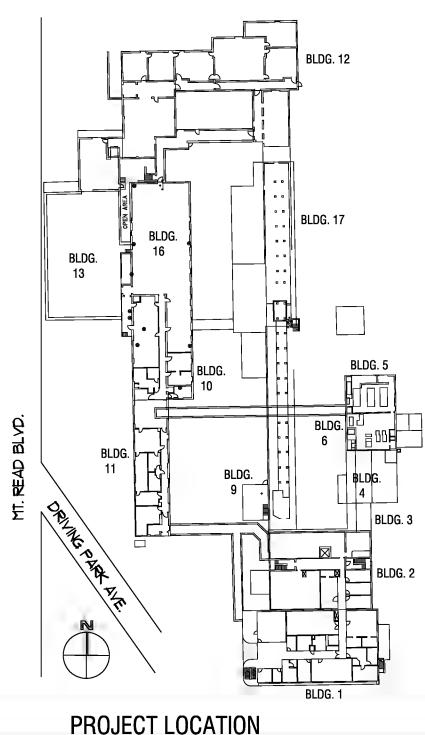


PREPARED FOR: CITY OF ROCHESTER DEPARTMENT OF ENVIRONMENTAL SERVICES DIVISION OF ENVIRONMENTAL QUALITY

30 CHURCH STREET, ROOM 300B ROCHESTER, NY 14614

PREPARED BY:

**LABELLA** Associates. P.C.



DATE/TIME: September 2009 HEET SIZE: Tabloid PLOT STYLE: LaBella Standard.

## DRAWING INDEX:

100	
ABØ	COVER SHEET
ABI <i>00</i>	GENERAL HAZARDOUS EQUIPMENT NOTES
ABØI	BLDG. 1 & 2 BASEMENT
AB.Ø2	BLDG. 1 & 2 FIRST FLOOR
ABØ3	BLDG. 1 & 2 SECOND FLOOR
AB.Ø4	BLDG. 1 & 2 THIRD FOOR AND PENTHOUSE
AB.Ø5	BLDG. 3 4 4
AB.06	BLDG. 5 \$ 6
ABØ1	BLDG. 12
AB.08	BLDG. 17
AB.09	BLDG. 16
AB.10	BLDG. 11
AB.II	BLDG. 7, 9 \$ 10

DATE: 11/09 BID SET

## **GENERAL REGULATED BUILDING MATERIALS**

THE CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE WITH REGARD TO CONDUCTING ADDITIONAL BULK SAMPLING OTHER REGULATED BUILDING MATERIALS (RBMS). PROPERLY REMOVE AND DISPOSE OF ALL OTHER RBMS SHOWN AND/OR NOTED ON THE ATTACHED DRAWINGS, AS INDICATED IN THE PROJECT SPECIFICATIONS.

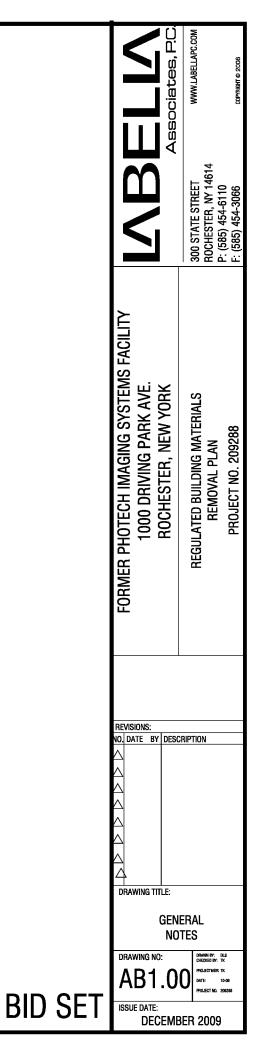
THESE MATERIALS INCLUDE THE FOLLOWING:

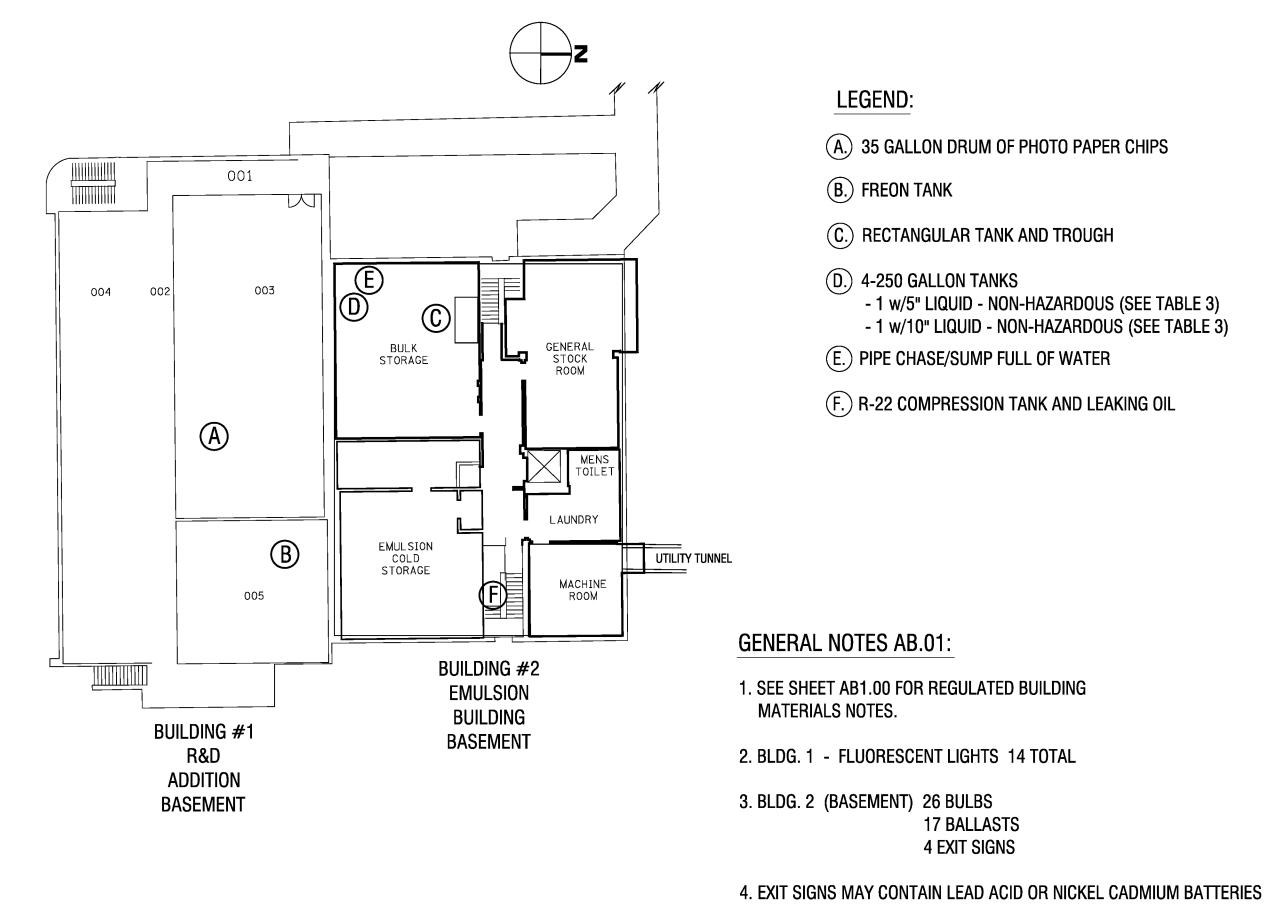
- \* FLUORESCENT LIGHT FIXTURE BALLASTS WITH PCB-CONTAINING OIL
- \* PCB-CONTAINING CAULKING COMPOUNDS, BOTH INTERIOR AND EXTERIOR
- \* MERCURY-CONTAINING NON-INCANDESCENT LIGHT BULBS, BOTH INTERIOR AND EXTERIOR.
- \* MERCURY-CONTAINING THERMOMETERS
- \* REFRIGERANTS AND OILS ASSOCIATED WITH HVAC EQUIPMENT, DRINKING FOUNTAINS, COMPRESSORS, ETC.
- \* LEAD-BASED PAINT IN VARIOUS LOCATIONS

SEE THE FOLLOWING SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION AND CONTRACTOR REQUIREMENTS FOR RBMS REMOVAL/DISPOSAL:

02300 CONTAINERIZATION, CHARACTERIZATION, AND DISPOSAL OF WASTE SPECIFICATIONS 02400 DECONTAMINATION OF EQUIPMENT AND BUILDING MATERIALS

THE CONTRACTOR SHOULD CONSIDER THE CURRENT CONDITIONS OF THE SITE TO BE REPRESENTATIVE OF CONDITIONS EXPECTED TO BE ENCOUNTERED WHEN BEGINNING WORK ON THE PROJECT. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID. CONSEQUENCES OF FAILURE TO FIELD VERIFY CONDITIONS SHALL BE BORNE SOLELY BY THE CONTRACTOR.



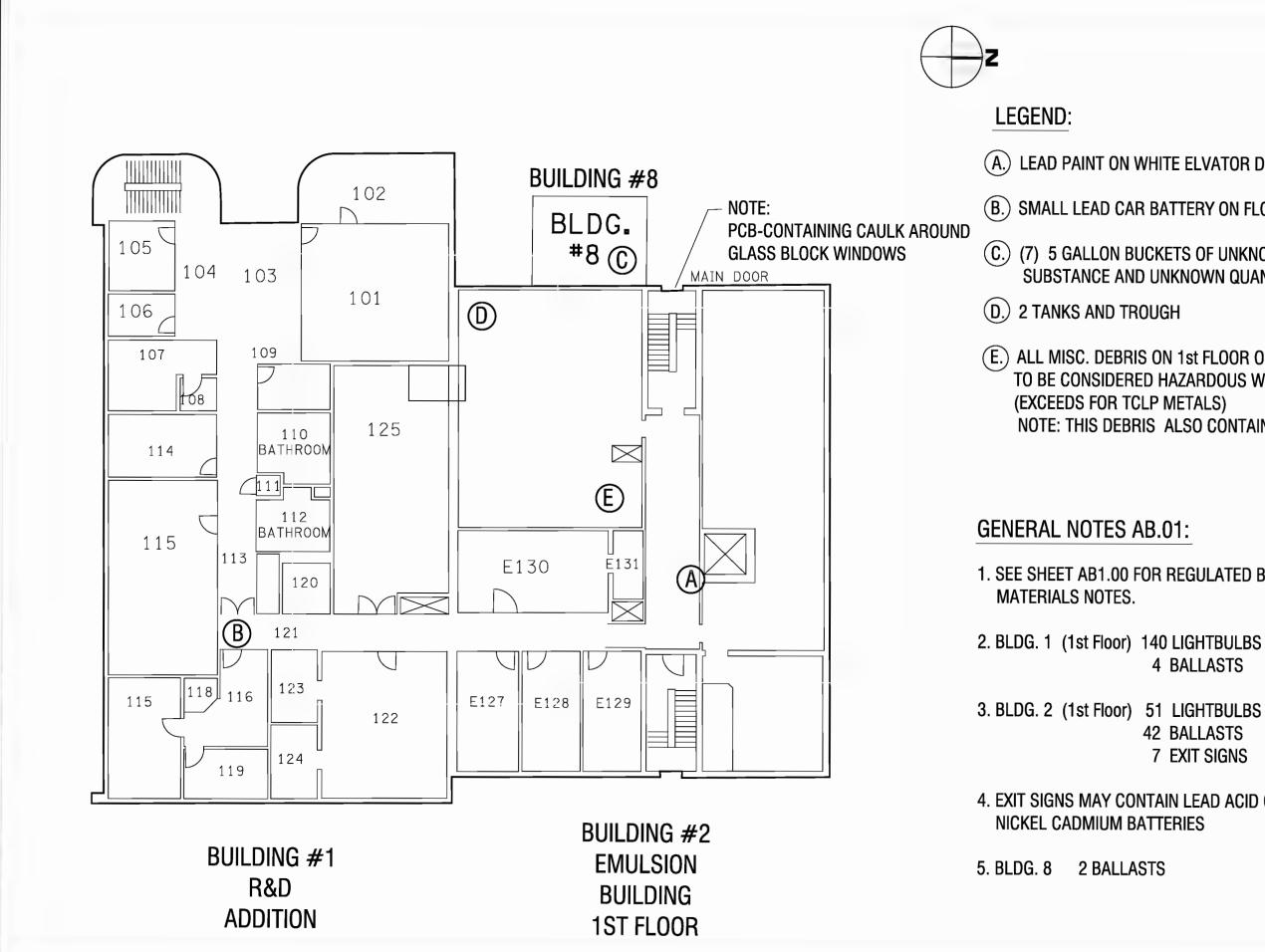


- 1 w/5" LIQUID - NON-HAZARDOUS (SEE TABLE 3) - 1 w/10" LIQUID - NON-HAZARDOUS (SEE TABLE 3)

**BID SET** 

300 STATE STREET Rochester, NY 14614 P: (585) 454-6110 F: (585) 454-3066 Former Photech Imaging Systems Facility 1000 Driving Park Ave. Rochester, New York REGULATED BUILDING MATERIALS REMOVAL PLAN 209288 PROJECT NO. Revisions: O. DATE BY DESCRIPTION DRAWING TITLE: BLDG. 1 & 2 BASEMENT RAWING NO Dravin by: DLS Checked by: TK AB.01 SSUE DATE:

NOVEMBER 2009



DATE/ SHEET S

## (A.) LEAD PAINT ON WHITE ELVATOR DOOR FRAME

(B.) SMALL LEAD CAR BATTERY ON FLOOR

(C.) (7) 5 GALLON BUCKETS OF UNKNOWN SUBSTANCE AND UNKNOWN QUANTITY

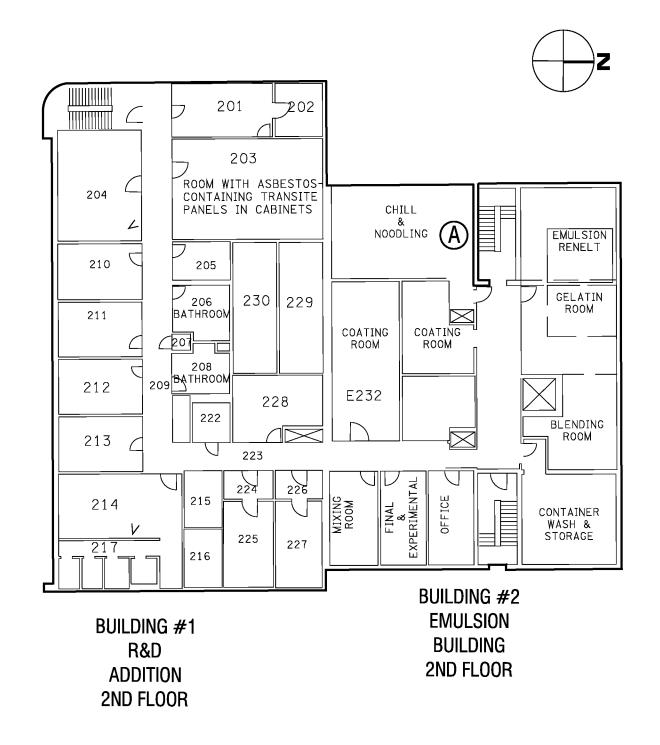
(E.) ALL MISC. DEBRIS ON 1st FLOOR OF BLDG. 2 TO BE CONSIDERED HAZARDOUS WASTE. NOTE: THIS DEBRIS ALSO CONTAINS ASBESTOS.

1. SEE SHEET AB1.00 FOR REGULATED BUILDING

- 4 BALLASTS
- 42 BALLASTS 7 EXIT SIGNS

4. EXIT SIGNS MAY CONTAIN LEAD ACID OR

or frame Dr	LABELLY Associates, P.C.	300 STATE STREET WWW.LABELLAPC.COM ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066 comment © 2008
VN TTY BLDG. 2 STE. S ASBESTOS.	Former Photech Imaging systems facility 1000 Driving Park Ave. Rochester, New York	REGULATED BUILDING MATERIALS REMOVAL PLAN PROJECT NO. 209288
٦	REVISIONS: NO. DATE BY DESCR	2 & 8 DOR DRAWN PF: DLS DRAWN PF: DLS
BID SET	AB.02 ISSUE DATE: NOVEMBE	

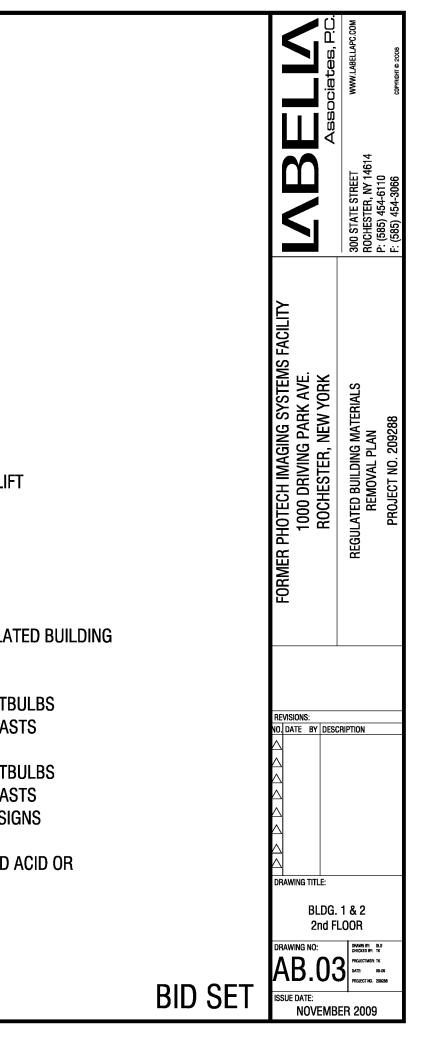




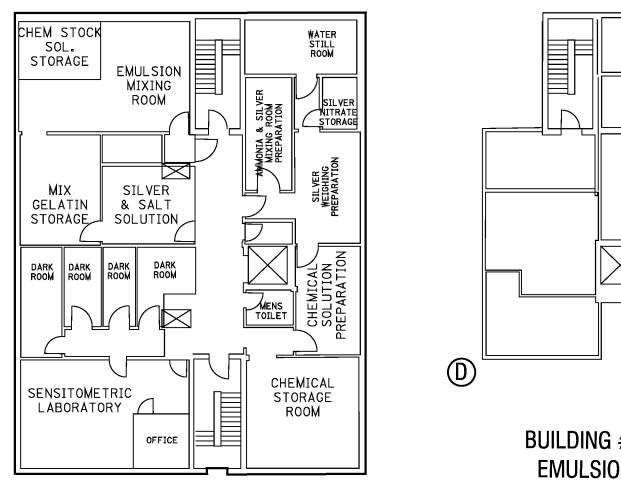
(A) SINGLE PISTON HYDRAULIC LIFT

## **GENERAL NOTES AB.03:**

- 1. SEE SHEET AB1.00 FOR REGULATED BUILDING MATERIALS NOTES.
- 2. BLDG. 1 (2nd Floor) 195 LIGHTBULBS 0 BALLASTS
- 3. BLDG. 2 (2nd Floor) 40 LIGHTBULBS 46 BALLASTS 5 EXIT SIGNS
- 4. EXIT SIGNS MAY CONTAIN LEAD ACID OR NICKEL CADMIUM BATTERIES







BUILDING #2 EMULSION BUILDING **3RD FLOOR** 

BUILDING #2 EMULSION BUILDING 4TH FLOOR PENTHOUSE

₩ATER STILL ROOM



MATERIALS NOTES.

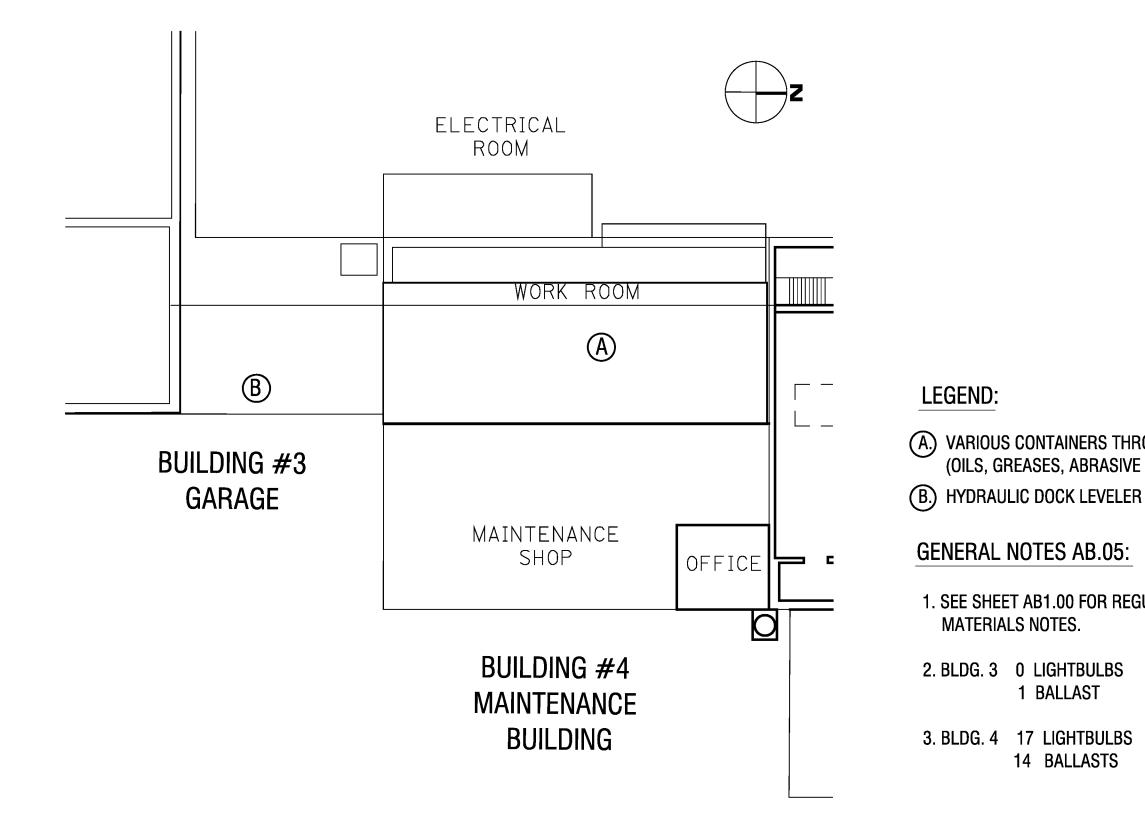
NICKEL CADMIUM BATTERIES

# 1. SEE SHEET AB1.00 FOR REGULATED BUILDING

- 2. BLDG. 2 (3rd Floor) 31 LIGHTBULBS 26 BALLASTS
  - 3 EXIT SIGNS
- 3. BLDG. 2 (4th Floor) 0 LIGHTBULBS
  - 0 BALLASTS
  - 0 EXIT SIGNS

# 4. EXIT SIGNS MAY CONTAIN LEAD ACID OR

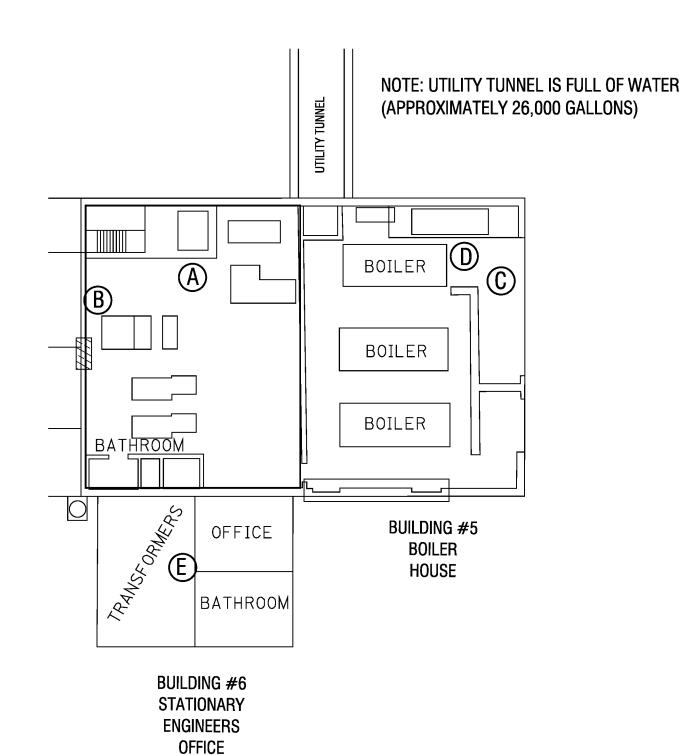
	LABELLY Associates, P.C.	300 STATE STREET WWW.LABELLAPC.COM ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066 comment a 2008
UILDING	Former Photech Imaging Systems Facility 1000 Driving Park Ave. Rochester, New York	REGULATED BUILDING MATERIALS REMOVAL PLAN PROJECT NO. 209288
OR	REVISIONS: VO. DATE BY DESC A A A A A DRAWING TITLE: BLDG. 2 - 3 & PENTH	
BID SET	DRAWING NO: AB.O4 ISSUE DATE: NOVEMBE	DRAWN PY: DL3 CHECKED PY: TX PREJECTMER TX DATE: 06-08 PRIJECT NO. 2020208



## (A.) VARIOUS CONTAINERS THROUGHOUT BLDG. 4 (OILS, GREASES, ABRASIVE COMPOUNDS, ETC.)

1. SEE SHEET AB1.00 FOR REGULATED BUILDING

	LABELLY Associates, P.C.	300 STATE STREET WWW.LABELLAPC.COM ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066 comment of 2008
BLDG. 4 DS, ETC.)	Former Photech Imaging Systems Facility 1000 Driving Park Ave. Rochester, New York	REGULATED BUILDING MATERIALS REMOVAL PLAN PROJECT NO. 209288
ILDING		
	REVISIONS: NO. DATE BY DESC	3 & 4
BID SET	AB.05 ISSUE DATE: NOVEMBE	





## LEGEND:

- (A.) LEAD PAINT ON GRAY GIRDER
- C. USED OIL DRUM 1/2 FULL
- D UNIDENTIFIED WHITE DRUM

## **GENERAL NOTES AB.06:**

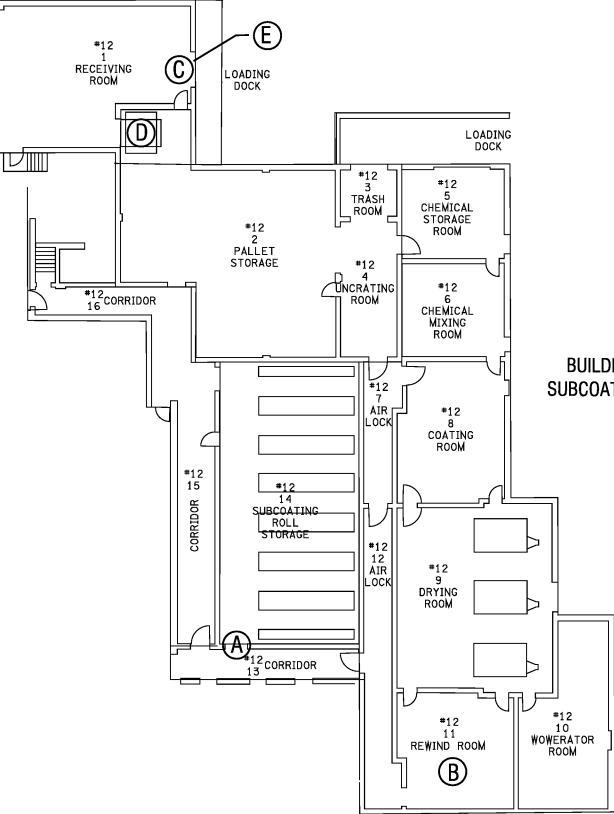
- 1. SEE SHEET AB1.00 FOR REGULATED BUILDING MATERIALS NOTES.
- 2. BLDG. 5 0 LIGHTBULBS
- 3. BLDG. 6 5 LIGHTBULBS **5 BALLASTS**

(B) LEAD PAINT ON LIGHT YELLOW DOOR

(E.) ALL MISC. DEBRIS IN BUILDING 6 IS TO BE CONSIDERED HAZARDOUS WASTE. (EXCEEDS FOR TCLP METALS)

**BID SET** 

LABELLY Associates, P.C.	300 STATE STREET WWW.LABELLAPC.COM ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066 comment e 2008
Former Photech Imaging Systems Facility 1000 Driving Park Ave. Rochester, New York	REGULATED BUILDING MATERIALS REMOVAL PLAN PROJECT NO. 209288
REVISIONS: NO. DATE BY DESCR DI DATE BY DESCR DESCR DESCR DRAWING TITLE: BLDG. 5 DRAWING NO: AB.OC ISSUE DATE: NOVEMBE	DRAWIN BY: DLS DRECKED BY: TK PROJECTINGR: TK DATE: 00-09 PROJECT NO. 209288



BUILDING #12 Subcoat Building

LEGEND:

- (A) LEAD PAINT ON YE
- B SINGLE PISTON HY

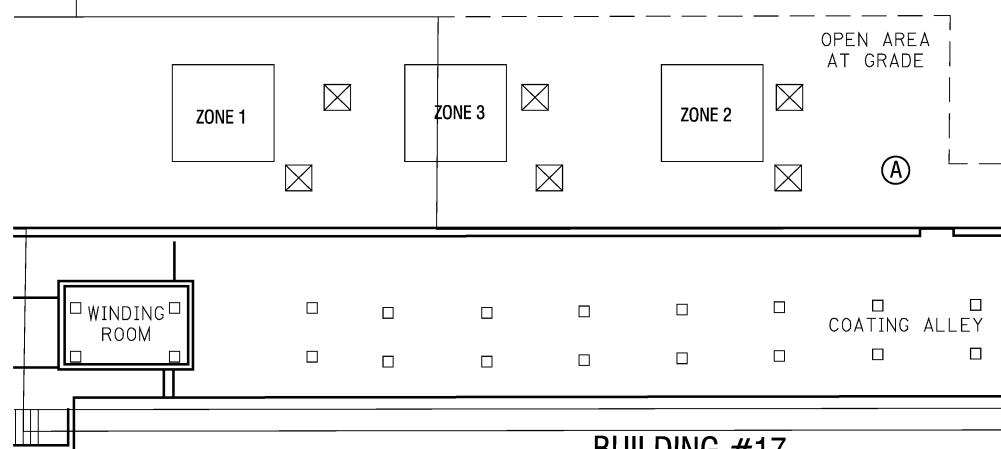
C PUMP

- D 2 PISTON HYDRAU
- E LOADING DOCK HY

## **GENERAL NOTES**

- 1. SEE SHEET AB1.00 MATERIALS NOTES
- 2. BLDG. 12 130 LIC 102 BA

			300 STATE STREET WWW.LABELLAPC.COM ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066 copyright is 2008
ELLOW DOOR YDRAULIC LIFT		Former Photech Imaging Systems Facility 1000 Driving Park Ave. Rochester, New York	REGULATED BUILDING MATERIALS REMOVAL PLAN PROJECT NO. 209288
JLIC LIFT Ydraulic lift <u>AB.07:</u> For regulated bui Ghtbulbs Allasts		REVISIONS: VO. DATE BY DESC	5. 12
	BID SET	ISSUE DATE: NOVEMB	ER 2009



## BUILDING #17 DRYER ADDITION UPPER LEVEL

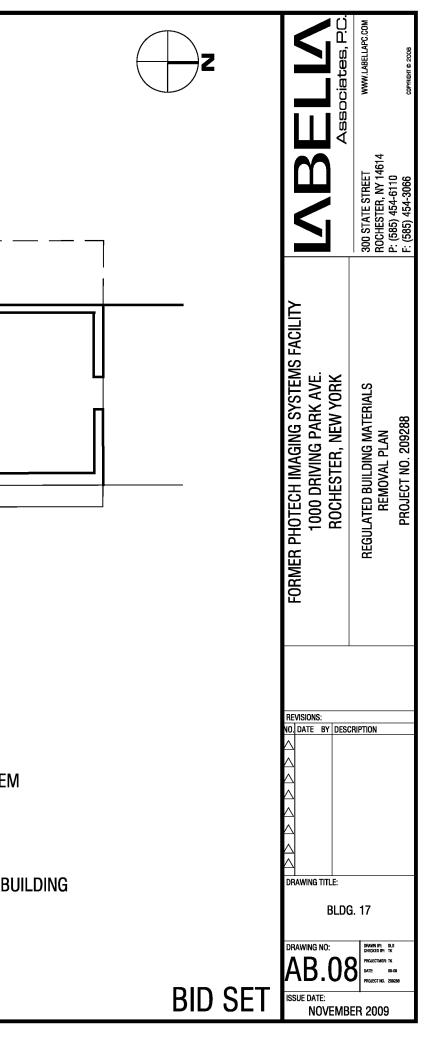
LEGEND:

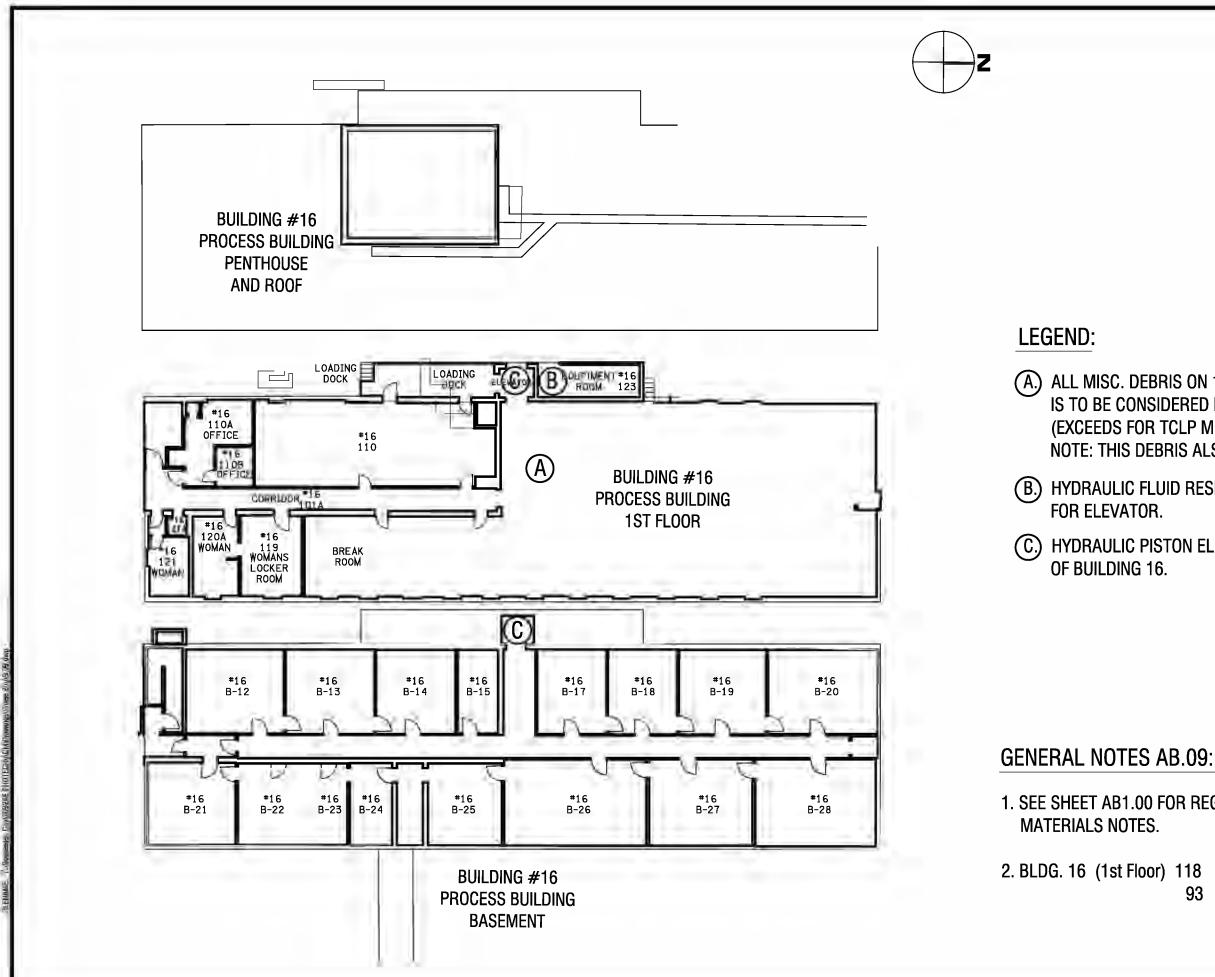
(A.) UPPER LEVEL CONDITIONING SYSTEM

**GENERAL NOTES AB.08:** 

1. SEE SHEET AB1.00 FOR REGULATED BUILDING MATERIALS NOTES.

2. BLDG. 17 - 15 BALLASTS 4 LIGHTBULBS





DATE/TI SHEET SIZ

## (A.) ALL MISC. DEBRIS ON 1st FLOOR OF BLDG. 16 IS TO BE CONSIDERED HAZARDOUS WASTE (EXCEEDS FOR TCLP METALS) NOTE: THIS DEBRIS ALSO CONTAINS ASBESTOS.

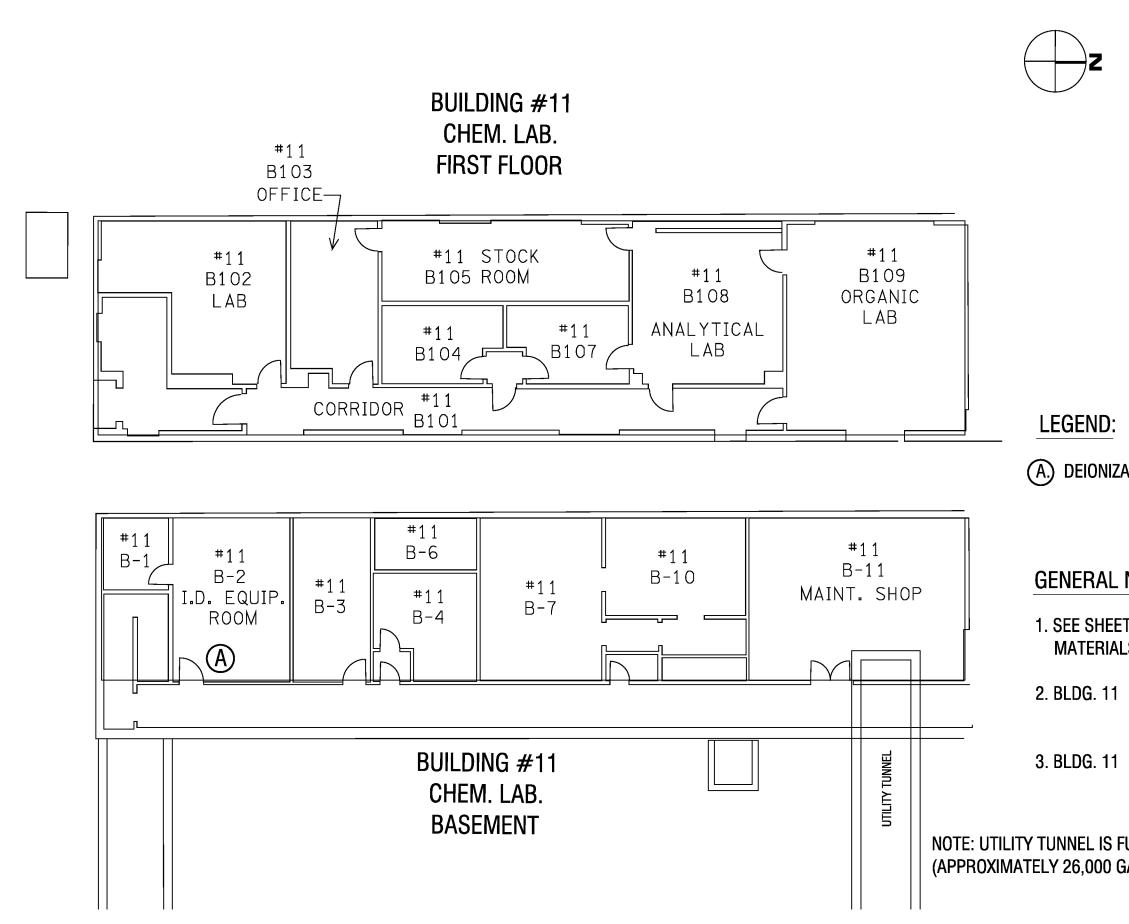
(B.) HYDRAULIC FLUID RESERVOIR AND EQUIPMENT

(C) HYDRAULIC PISTON ELEVATOR TO BASEMENT

1. SEE SHEET AB1.00 FOR REGULATED BUILDING

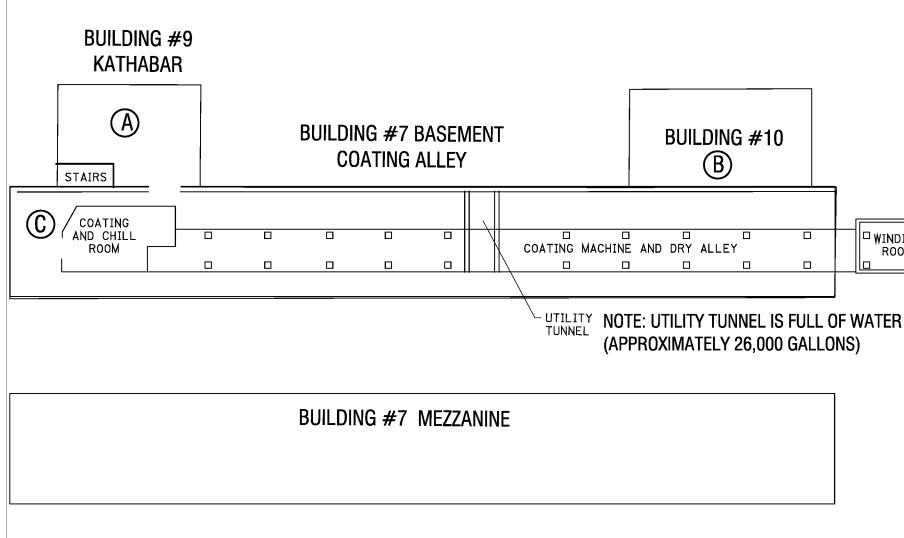
2. BLDG. 16 (1st Floor) 118 LIGHTBULBS 93 BALLASTS

	LABELLY Associates, P.C.	300 STATE STREET WWW.LABELLAPC.COM ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066 comment a 2008
OF BLDG. 16 S WASTE IS ASBESTOS. D EQUIPMENT BASEMENT	Former Photech Imaging Systems Facility 1000 Driving Park Ave. Rochester, New York	REGULATED BUILDING MATERIALS REMOVAL PLAN PROJECT NO. 209288
JILDING S BID SET	REVISIONS: NO. DATE BY DESCI	DRAWN BY: DLS DRECKED BY: TK PROJECTMER: TK DATE: 09-09 PROJECT NO. 209288



DATE/TIME: September 2009 SHEET SIZE:Tabloid PLOT STYLE: LaBella Standard.stb FILENAME: Y:Rochester, City/209288 PHOTECHACM/Drawings/Phase 2b)

	ELLV Associates, P.C.	WWW.LABELLAPC.COM COPYRIBHT © 2008
		300 STATE STREET ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066
ATION SYSTEM TANKS	Former Photech Imaging Systems Facility 1000 Driving Park Ave. Rochester, New York	REGULATED BUILDING MATERIALS REMOVAL PLAN PROJECT NO. 209288
NOTES AB.10:		
T AB1.00 FOR REGULATED BUILDING LS NOTES.	REVISIONS:	
(Basement) 20 LIGHTBULBS 10 BALLASTS	NO. DATE BY DESC	RIPTION
(1st Floor) 32 LIGHTBULBS 20 BALLASTS		
FULL OF WATER GALLONS)	DRAWING TITLE:	
	DRAWING NO:	DRAWN BY: DLS CHECKED BY: TK PROJECTINGR: TK DATE: 09-09 PROJECT NO. 209288
BID SET	ISSUE DATE: NOVEMBI	



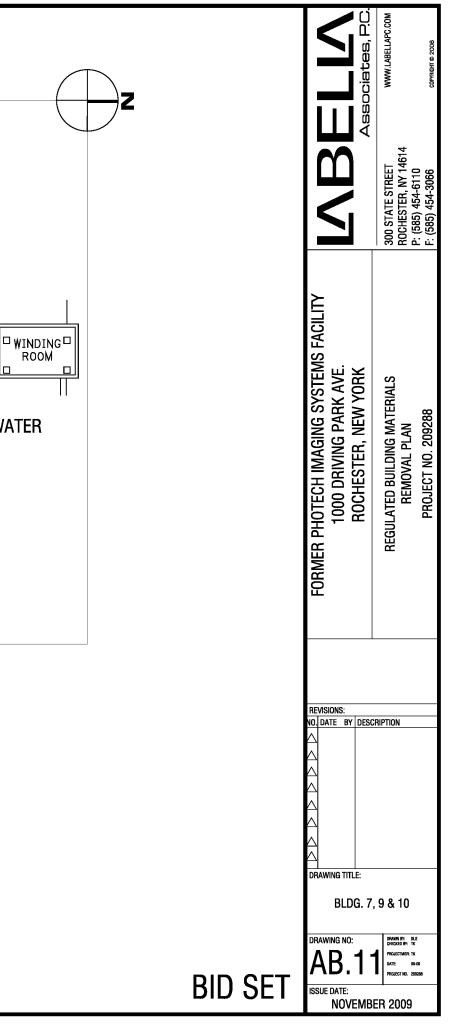
LEGEND:

- (A.) CONDITIONING SYSTEM
- (B.) CONDITIONING SYSTEM
- (C) LEAD PAINT ON WHITE WALL

## GENERAL NOTES AB.11:

1. SEE SHEET AB1.00 FOR REGULATED BUILDING MATERIALS NOTES.

- 2. BLDG. 7 0 LIGHTBULBS 0 BALLASTS
- 3. BLDG. 9 4 LIGHTBULBS 3 BALLASTS
- 4. BLDG. 10 4 LIGHTBULBS 2 BALLASTS





300 State Street Rochester, New York 14614

# **Regulated Building Materials Survey**

## Supporting Analytical

## Photech

## LaBella Inventory of Potentially Regulated Waste

Information current as of October 20, 2009 LaBella Site visit.

				Potential
Building	Floor	Room	Description	Waste
1	Basement	003	~35-gallon Drum of Unknown Granulated Substance	Contents
1	Basement	005	Freon Tank	Freon
2	Basement	Bulk Storage	Rectangular Tank and Trough	4" Liquid in Tank
2	Basement	Bulk Storage	Four 250-gallon Poly Tanks	One with 5" Liquid, one with 10" Liquid
2	Basement	Bulk Storage	Pipe Chase/Sump Full of Water	Water
2	Basement	Base of East Stairwell	R-22 Compression Tank	Tank Contents and Associated Leaking Oil
2	1 <sup>st</sup> Floor	112	Tygon Tubing from Silver Feed Lines	Tubing
			<u>Regulatory Exceedance:</u> Silver = 10.0 ppm	
2	1 <sup>st</sup> Floor	111	Tank Trough Liquid	Trough Liquid
			<u>Regulatory Exceedances:</u> Cadmium = 9.3 ppm Chromium = 61.9 ppm Lead = 83.5 ppm Selenium = 2.9 ppm Silver = 47.6 ppm	
2	2 <sup>nd</sup> Floor	Chill & Noodling	Single Piston Hydraulic Lift	Hydraulic Oil
4	1 <sup>st</sup> Floor	Throughout Building	Various containers including Trichlorofluoromethane, Oil, Greases, and Abrasive Compounds <u>Composite Sample Regulatory</u> <u>Exceedances:</u> 2-Butanone = 30,000 ppm Cadmium = 10.4 ppm	Fluids
5	1 <sup>st</sup> Floor	Boiler House	Used Oil Drum (1/2 Full)	Used Oil
5	1 <sup>st</sup> Floor	Boiler House	White Drum with Foamy Liquid (2/3 Full)	Unknown Liquid

Regulatory Exceedance: Selenium = 1.5 ppm         8       1 <sup>st</sup> Floor       Main Room       Seven 5-gallon Buckets of Unknown Substance and Unknown Quantity       Contents         9       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Piping Contents         10       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Piping Contents         10       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Chromium = 237         10       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       System and Piping Contents
8       1 <sup>st</sup> Floor       Main Room       Seven 5-gallon Buckets of Unknown Substance and Unknown Quantity       Contents         9       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Piping Contents         10       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Piping Contents         10       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Chromium = 237
9       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Piping Contents         0       1 <sup>st</sup> Floor       Main Room       Composite Sample Regulatory Exceedances: Cadmium = 10.9 ppm Chromium = 237       Piping Contents         10       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Piping Contents
Image: System Unit and Associated Piping       System Unit and Associated Piping       System and Piping Contents         Image: System Unit and Associated Piping       System and Piping Contents       System and Piping Contents         Image: System Unit and Associated Piping       System and Piping Contents       System and Piping Contents         Image: System Unit and Associated Piping       System and Piping Contents       System and Piping Contents         Image: System Unit and Associated Piping       System and Piping Contents       System and Piping Contents
10       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Piping Contents
Exceedances: Cadmium = 10.9 ppm Chromium = 237       Exceedances: Cadmium = 10.9 ppm Chromium = 237         10       1 <sup>st</sup> Floor       Main Room       Contents of Kathabar Conditioning System Unit and Associated Piping       Conditioning System and Piping Contents
Cadmium = 10.9 ppm Chromium = 237     Cadmium = 10.9 ppm Chromium = 237       10     1 <sup>st</sup> Floor     Main Room     Contents of Kathabar Conditioning System Unit and Associated Piping     Conditioning System and Piping Contents
Image: 10     1st Floor     Main Room     Contents of Kathabar Conditioning System Unit and Associated Piping     Conditioning System and Piping Contents
101st FloorMain RoomContents of Kathabar Conditioning System Unit and Associated PipingConditioning System and Piping Contents
System Unit and Associated Piping       System and         Piping Contents
Piping Contents
L Composite Nample Regulatory
$\frac{\text{Exceedances:}}{\text{Cadmium} = 12.4 \text{ ppm}}$
Cadmium = 12.4 ppm Chromium = 555
Lead = 11.6  ppm
11BasementB-2Deionization System (Tanks)Tank Contents (?)
Presumably Empty)
121st FloorRewind RoomSingle Piston Hydraulic LiftHydraulic Oil
121st FloorLoading DockWater (?) PumpAssociated
Area
121st FloorReceivingDouble Piston Hydraulic LiftHydraulic Oil
Room/Pallet
Storage
121st FloorLoading DockSingle Piston Loading DockHydraulic Oil
Hydraulic Lift
131st FloorElevatorSingle Piston Elevator to BasementMachinery in
of Bldg. 16 Equipment Room,
Reservoir Tank
Presumably
Empty
17 Upper Main Room Contents of Kathabar Conditioning
Level System Unit and Associated Piping
Composite Sample Regulatory
Exceedances:
$\frac{12xceedances.}{Cadmium = 17.1}$
Cadmun = 17.1 $Chromium = 127$
Lead = $9.6$

Note: Analytical data taken from Brownfield Restoration Group, LLC report dated March 1999. Analytical data package available upon request.

## Photech

Additional Items Noted But Not Suspected as Regulated Waste

Location	Description
Bldg. 1 Basement, Rm. 003	Chill Water Tank – foam insulated steel tank, contents unknown
Bldg. 1 Basement, Rm. 005	Orange Tank – not insulated, empty, presumably held water
Bldg. 1 Basement, Rm. 003	Red Tank – liquid tank, steel, not insulated
Bldg. 1 Basement	Film Processing Equipment – throughout basement
Bldg. 1 1 <sup>st</sup> Floor Throughout	Misc. Equipment (includes Mercury Printer, Development
	Equipment, Polychrome, Test Camera)
Bldg. 2 1 <sup>st</sup> Floor, Rm. 111	Granulated Carbon Bags Damaged and Spilled on Floor
Bldg. 2 2 <sup>nd</sup> Floor, Blending	Spectrophotometer Ionalyzer
Room	
Bldg. 2 3 <sup>rd</sup> Floor	Two Empty Poly Water Tanks (~300-gallon)
Bldg. 2 3 <sup>rd</sup> Floor, Chemical	Sensitometer
Storage Room	
Bldg. 2 4 <sup>th</sup> Floor, Water Still	Four Poly Water Tanks Empty
Room	
Bldg. 6, Main Room	Trichlorofluoromethane Drum
Bldg. 7	Tygon Tubing From Coating Supply Lines
Bldg. 7, Coating Alley	Chill Unit Tank – insulated steel
Bldg. 11, Rm. B-3	Four-foot Compressed Gas Tank
Bldg. 11, Rm. B-11	Saturable Reactor
Bldg. 12, Pallet Storage	17 5-gallon Storage Containers Labeled "Methanol" or "Toluene"
Area	(all empty)
Bldg. 12, Womerator Room	Foam Insulated Steel Water Tanks
Bldg. 16, Rm. B-22	LegE Flow Developer
Throughout Site Buildings	Compressed Air Tanks Found in Several Locations

## Table 1

## Former Photoech Imaging Site Rochester, Monroe County, New York, Site # B-00016-8

## Summary of Remedial Program Soil Cleanup Objectives Test Results in Milligrams per Kilogram (µg/Kg) or about Parts Per Billion (PPB)

Semi-Volatile Organic Compounds	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Residential Use	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Restricted Residential Use	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Commercial Use	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Industrial Use	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Protection of Ecological Resources	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Groundwater	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives: Unrestricted Use	NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives to Protect Groundwater Quality	NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives
Benzo(a)anthracene	1,000	1,000	5,600	11,000	NS	1,000	1,000	3,000	224 or MDL
Benzo(b)fluoranthene	1,000	1,000	5,600	11,000	NS	1,700	1,000	1,100	1,100
Benzo(k)fluoranthene	1,000	3,900	56,000	110,000	NS	1,700	800	1,100	1,100
Benzo(a)pyrene	1,000	1,000	1,000	1,100	2,600	22,000	1,000	11,000	61 or MDL
Chrysene	1,000	3,900	56,000	110,000	NS	1,000	1,000	400	400
Dibenz(a,h)anthracene	330	330	560	1,100	NS	1,000,000	330	165,000,000	14 or MDL
Indeno(1,2,3-cd)pyrene	500	500	5,600	11,000	NS	8,200	500	3,200	3,200
Naphthalene	100,000	100,000	500,000	1,000,000	NS	12,000	12,000	13,000.0	13,000

Notes: NS - Denotes Not Specified MDL - Denotes Method Detection Limit

> Table 1 Regulated Building Materials Removal for Former Photech Imaging Systems Facility 1000 Driving Park Avenue Rochester, New York

## Table 1A

## Former Photoech Imaging Site Rochester, Monroe County, New York, Site # B-00016-8

## Summary of Water Sample Analytical Results Test Results in Micrograms per Liter (µg/L) or about Parts Per Billion (PPB)

Semi-Volatile Organic Compounds	3,000-Gallon Ag. UST	Vault	NYSDEC Ambient Water Quality Standards and Guidance Values		
	9/17/2009	9/17/2009			
Benzo(a)anthracene	ND<10	ND<10	0.002		
Benzo(b)fluoranthene	ND<10	ND<10	0.002		
Benzo(k)fluoranthene	ND<10	ND<10	0.002		
Benzo(a)pyrene	ND<10	ND<10	Not Determined		
Bis (2-ethylhexyl) phthalate	ND<10	3.9 J	5		
Chrysene	ND<10	ND<10	0.002		
Dibenz(a,h)anthracene	ND<10	ND<10	Not Available		
Indeno(1,2,3-cd)pyrene	ND<10	ND<10	0.002		
Naphthalene	ND<10	ND<10	10		
Total SVOCs	None Detected	3.9 J			
TICs	12 J	158.2 N,J	Not Available		
Total SVOCs & TICs	12	162.1			

Notes:

Table 1A

Regulated Building Materials Removal for Former Photech Imaging Systems Facility

1000 Driving Park Avenue

Y:\Rochester, City\209288 PHOTECH\Misc Files\Standing Water Sampling.xls

Rochester, New York

### Table 2A

#### Former Photoech Imaging Site Rochester, Monroe County, New York, Site # B-00016-8

## Summary of Water Sample Analytical Results for RCRA Metals

Test Results in Milligrams per Liter (mg/L) or about Parts Per Million (PPM)

RCRA Metals	Crock-1 9/22/2009	Drywell Sediment	Drywell Sediment (TCLP) 9/28/2009	3,000-Gallon Ag. UST 9/17/2009	3,000-Gallon Ag. UST (TCLP) 9/17/2009	Vault 9/17/2009	250-Gallon Tanks 10/30/2009	250-Gallon Tanks (TCLP) 10/30/2009	Building 8 10/30/2009	H <u>.</u> O Trench 10/30/2009	Sewer-1 11/1/2009	20X Reduction	USEPA TCLP Hazardous Waste Value
Arsenic	0.0047	5.2	0.0099	ND<3.I	Not Analzyed	ND<0.0031	133	0.0098	5.8	5.1	6.7	100	5
Barium	0.0456	43.2	0.649	0.455	Not Analzyed	0.0292	308	Not Analyzed	11.3	10.5	83.7	2,000	100
Cadmium	0.041	35.6	0.7	553	0.221	0.114	5,890	0.0964	0.5	0.21	54.3	20	1
Chromium	0.005	19.30	0.0035	1.02	Not Analzyed	0.00069	3.410	0.0048	6.1	6,4	85.1	100	5
Lead	0.0775	171	0.762	0.243	Not Analzyed	ND<0.0021	834	0.0043	29.4	24.1	117	100	5
Mercury	0.0014	10.9	0.000056	0.00041	Not Analzyed	ND<0.000056	3.5	Not Analyzed	0.47	0.058	0.51	4	0.2
Selenium	0.0142	9.4	0.01	0.0105	Not Analzyed	ND<0.01	10	Not Analyzed	10	0.94	ND<1.1	20	1
Silver	0.0392	249	0.0024	0.919	Not Analzyed	ND<0.0024	3,020	0.146	15.3	0.16	221	100	5

Notes: Bold type denotes a concentration that was found to exceed the 20x reduction value. Italicized type denotes a concentration that was found to exceed the USEPA TCLP Hazardous Waste Value.

#### Table 2

#### Former Photoech Imaging Site Rochester, Monroe County, New York, Site # B-00016-8

#### Summary of Remedial Program Soil Cleanup Objectives Test Results in Milligrams per Kilogram (mg/Kg) or about Parts Per Million (PPM)

RCRA Metals	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Residential Use	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Restricted Residential Use	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Commercial Use	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Industrial Use	NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Public Health: Protection of Ecological Resources	NVCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives for the Protection of Groundwater		NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives	USEPA Eastern USA Background Levels
Arsenic	16	16	16	16	13	16	13	7.5 or SB	3-12 *]
Barium	350	400	400	10,000	433	820	350	300 or SB	15-600
Cadmium	2.5	4.3	9.3	60	4	7.5	2.5	l or SB	0.1-1
Chromium	22	110	400	800	1	19	I	10 or SB	1.5-40 *
Lead	400	400	1,000	3,900	63	450	63	SB **	*÷
Mercury	0.81	0.81	2.8	5.7	0.18	0.73	0.18	0,1	0.001-0.2
Selenium	36	180	1,500	6,800	3.9	4	2	2 or SB	0.1-3.9
Silver	36	180	1,500	6,800	2	8.3	3.9	SB	N/A

Notes:

N/A - Denotes value not available

\* - Denotes New York State Background level

\*\* - Denotes that background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

SB - Denotes to defer to the Site Background value.

Table 2 Regulated Building Materials Removal for Former Photech Imaging Systems Facility 1000 Driving Park Avenue Rochester, New York

Y:\Rochester, City/209288 PHOTECH/Master File/Tables/SCGs Comparison.xls

### Table 3

# Former Photech Imaging Site Rochester, Monroe County, New York, Site # B-00016-8

## Hazardous Waste Determination Table Interior Debris Test Results in Milligrams per Liter (mg/L) or about Parts Per Million (PPM)

							-		-	<b>.</b>		ample ID												USEPA TCLP
RCRA Metal	Bldg 1 Basement	Bldg 1 1st Floor	Bidg 1 2nd Floor	Bldg 2 Basement	Bldg 2 1st Floor	Bldg 2 2nd Floor	Bidg 2 3rd Floor	Bldg 2 4th Floor	Bldg 3 Garage	Bldg 4	Bldg 5	Bldg 6	Bldg 7	Bldg 9	Bldg 10	Bldg 11 Basement	Bldg 11 1st Floor	Bldg 12	Bldg 13	Bldg 16 Basement	Bldg 16 1st Floor	Bldg 16 Penthouse	Bldg 17	Hazardous Waste Value
Arsenic	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	0.11	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	5
Barium	0.41	0.18	0.41	0.17	0.35	0.15	ND<0.08	0.24	0.42	0.71	0.19	0.62	ND<0.08	0.4	0.56	0.29	0.67	0.3	1.57	0.18	0.49	1.64	ND<0.08	100
Cadmium	0.45	ND<0.08	ND<0.08	ND<0.08	0.61	0.58	0.49	0.09	0.42	0.8	ND<0.08	5.1	ND<0.08	ND<0.08	0.13	ND<0.08	0.19	0.22	ND<0.08	ND<0.08	11.93	0.09	ND<0.08	1
Chromium	ND<0.02	ND<0.2	ND<0.2	ND<0.2	ND<0.20	ND<0.2	ND<0.2	ND<0.2	0.21	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.47	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.21	ND<0.2	5
Lead	ND<0.08	ND<0.08	ND<0.08	0.62	15.99	0.28	0.26	3.78	0.31	1.22	0.09	0.31	0.15	0.15	0.12	0.11	1.64	0.17	ND<0.08	ND<0.08	ND<0.08	1.52	ND<0.08	5
Mercury	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	ND<0.006	0.2
Selenium	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	1
Silver	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.008	ND<0.08	ND<0.08	ND<0.08	ND<0.08	ND<0.08	5

Notes:

Sampling approach utilized: One composite sample was collected per floor per building.

ND denotes the analyte was analyzed for but not detected above the minimum detection limit.

Highlighted type indicates a concentration that exceeds the USEPA Hazardous Waste Value.

uter 44000 1126-09-344 Access	Micene 1126 Faxe 1-585-454-6110	QRGANICS JESTS and other Analyses NOTE: All samples for organics should be kept at 4°C	from coffection until lesting. Schedule rush analyses in advarce. Indicate preservatives added & media type. Indicate analysis method for organics tests.														1 02	6 LAmbient temp [ ] Cool0C	7 CP Grant of Custody documentation continued internally within lab.
subm co. LABELLÁ ASSOCIATES 300 STATE ST. Áttn: Stacy Pa	Include requests fublishtictul reporting drutatelpa Its h. RROTE CLABELLAPC. IPLES WERE COLLECTED NY	Tests / Analytiss (Select ALL, that App r Counts Asbestos Butk / Asb ID	J PCM (NIOSH 74U0) [] PLM (EPA 600, 1982) [] Lead ] TEM (AHERA) [] PLM (EPA Point Count) [] RCRA Metals ] TEM (EPA Level II) [] PLM (Qualitative only) [] ]	Image:	] Resp. Dust (NiOSH 0600)     [[]     XTCLP / RCRA Metals       ] Silica - FTIR (NIOSH 7500)     FOR ASBESTOS AIR:     []] TCLP / Full (w/ organics)       ] Silica - XRD (NIOSH 7500)     [] TYPE OF RESPIRATOR     []]       ] Silica - XRD (NIOSH 7500)     [] TYPE OF RESPIRATOR     []]	Wipes Information for Air Samples Organics	Type <sup>1</sup> Time <sup>2</sup> Flow Rate <sup>3</sup> Total <sup>4</sup>									1	and the light reaction in againing the lag	Bly Zud IDATETIMEL 10	152 ED 9 2 14
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	twe.	1 Time Metrix / Sample Type (Select ONE) All samples on form should be of SAME	[] ] Air [] ] Stir [] ] Solid [] ] Aquecus [] ] Waste	k [] Wastawator [] Wastawator /ol Filter (PM10) [] Watar.Drinking /ol Filter (TSP) [] Compliance	I         Oit         I         Wipe         I <td>Organics</td> <td>Sample # Sampled Sample Identification</td> <td>10/6/07</td> <td>_</td> <td>Bldg. 1</td> <td>1-4 10/60 Bldg. 1 2m Florr Rown 330</td> <td>2-1 10/6/09 Bldg. 2 Basement</td> <td>2-2 10/6/09 Bidy. 2 1st Floor</td> <td>2-4 10/6/09 Bldg. 2 200 Floor</td> <td>2-5 lofefor Bidg. 2 4th Floor</td> <td>3-1 10/6/07 BIdg. 3 Garage</td> <td>Sampled by INAME ALE C. &amp; ISIGNATURE</td> <td>151 Alex Reed</td> <td>FX [ ]DHL [JUPS [ ]USM [ ]HD [ ]DB [ ]COURIER Joursel Sample Condition Noted: WAYBILL #</td>	Organics	Sample # Sampled Sample Identification	10/6/07	_	Bldg. 1	1-4 10/60 Bldg. 1 2m Florr Rown 330	2-1 10/6/09 Bldg. 2 Basement	2-2 10/6/09 Bidy. 2 1st Floor	2-4 10/6/09 Bldg. 2 200 Floor	2-5 lofefor Bidg. 2 4th Floor	3-1 10/6/07 BIdg. 3 Garage	Sampled by INAME ALE C. & ISIGNATURE	151 Alex Reed	FX [ ]DHL [JUPS [ ]USM [ ]HD [ ]DB [ ]COURIER Joursel Sample Condition Noted: WAYBILL #

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	804-5	353-6778 * 800-78 www.slabinc.com	800-785-LA c.com	804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475 www.slabinc.com e-mail: info@slabinc.com	3S (5227) * Fax 804-359-1 e-mail: info@slabinc.com	9-1475 Im		300 ST	CARELLA ROOUL 300 STATE ST.	Attes	Stacy	Packe	
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	SCHNEIDER LABORATORIES, INC. 2512 West Cary Street, Richmond, Virginia 23220-5117	Submitt) c.o.	126-0 328
	804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475 www.slabinc.com	-359-1475 LABELLA ASSOCIATES .com 300 STATE ST. Attn: Stacy Pa	
		Special Instructions [include requests fdRspecial Taportrig or data packages]	Phone 1125
Project Number: 2	209 288 03 Phase   Email F	Results to RROTER LABELLARY. COM	FXX4 1-805-454-4150
Purchase Order No.:	STATE WHER	REC	ATTO - FAF - 233 - 1
Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Anelytes (Select ALL that Apply)	ORGANICS RESTS and other Analyses
[ ] Same day*		r Cour	NOTE: All samples for organics should be kept at 4"C
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[ ] Standard Full TCLP (10d)	[] HI-Vol Filter (PM10) [] Water Drinking 7 Misce	Miscellaneous Tests []   MYELAP 199. (7.4/6 ]]   Metals Extract Miscellaneous Tests []   CAELAP (EPA Interim)   Metals Extract	
] Weekend*	[] Compliance	[] TEM (Chatfield)	
rot available for all tests	[] Wipe, Composite		
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	Organics Wipes		
-	Sample Identification	Type <sup>1</sup> Time <sup>2</sup> Flow Rate <sup>3</sup> Total <sup>4</sup>	
Sample # Sampled	Sampled (e.g. Employee, SSN, Bldg, Material)	Area (ft <sup>2</sup> ) A,B,P,E Start Stop Start Stop Air Vol tainers	
16-1 10/7/09	Bldg. 16 Basement		
16-2 10/7/01	Blog. 16 1st Floor		
16-3 10/7/09	Bldg. 16 Penthouse		
17-1 10/7/09	Bidg. 17		
Sampi	Sample Collection & Custody Information	<sup>1</sup> Type: Aeste Beblank P=perconal Eestcurston <sup>3</sup> deginning/End of Sampla Period <sup>3</sup> Pump Calibration in Liters/Minuta	LitersMinute Volume in Liters (time in min - four in Umin)
Sampled by [NAME]	[SIGNATURE]	Uny Und patertimes 10/7/09	
Relinquished to lab by [NAME]_	ME ALK Reed ISIGNATURE	Olly Tul DATETIME 10/7/09	A Ambient temp [ ] CoolC
Received in lab by phamel	Received in tab by prame] . IsiGNATURE]	TOMES (0-7-7)	IIPH_IICI_IRLE
Unusual Sample Condition Noted	den 1 Jon 1 June 1 Joconter WAYBILL#	1 S2 ED 90 40 CM Clein of Custody documentation continued internally within lab.	documentation continued internally within lab.

11710-001-329	74664 1-585-454-6110 FXX 1-585-454-3066	ORGANICS TESTS and othe Concernion should be and othe collection until testing. Schedule noe. Indicate analysis method for on hidicate analysis method for on		XXXX		[] Sample return requested [] Amblent temp [] Cool 2°C [] pH_[] Ci_[] K
SCHNEIDER LABORATORIES, INC. 2512 West Carv Street. Richmond. Virginia 23220-5117 804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475 www.stabinc.com e-mail: info@slabinc.com	Special instructions findude requests for special reporting or data packages! Source any external sources for possible- allition and users collected former transformer lowethen	Mail     Mail     Mail       (EPA 600, 1982)     [] Lead       (EPA 600, 1982)     [] Lead       (EPA 600, 1982)     [] RCRA Metals       (Dualitative only)     [] RCRA Metals       (Dualitative only)     []       LAP (EPA Interim)     []       Chaffeld)     []       TCLP / Lead     []       (Chaffeld)     []       TCLP / RCRA Metals       SF RESPIRATOR     []       DF RESPIRATOR     []	Lyon     Lyon     Locol       Organica     Mipes     Information for Air Semples     Organica       Time     Sample     Time <sup>2</sup> Flow Rate <sup>3</sup> Total <sup>4</sup> # con- tainers       Samoled     (e.o. Employee, SSN, Bido, Material)     Area (fP)     A.B.P.E     Start     Stop     Air Vol     tainers	Transformer Liguid ' .		NAME SEAM DOW'S SIGNATURE AT A PROVIDE RECURSON BOTHINGER OF SAMPLE PROVIDER AND A PLAN A P
SLi	Project Name: Phy Project Location: 100 Project Number: 207 Purchase Order No.:		Sample # Sampled	S		Sampled by NAME, Sett David Relinquished to lab by NAME, Sett David Received in lab by NAME, THD (DO []FX Jours []USM [] HD []DB []COURIER

SLi	SCHNEIDER LABORATORIES, INC. 2512 West Cary Street, Richmond, Virginia 23220-5117 804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475 www.stabine.com		Submining Co. LARELLA ASSOCIATES 300 STATE ST. Att ROCHESTER, NY 1461	n: Stacy 4-1898	126 USE WOR 1126
Project Name:	×	i linclude	requests for special reporting or data packages	a packages]	Prome # 1-585-454-6110 FAX #
우니	209288,03 STA	1	E COLLECTED		1585-454-3066
Turn Around Time	Matrix / Sample Type (Select ONE)	Tests	Tests / Analytes (Select ALL that Apply)		ORGANICS TESTS and other Analyses
I I Same day*	All samples on form should be of SAME	Asbestos Air / Flber Counts	e	Metals-Total Conc.	NOTE: All samples for organics should be kept at 4.°C
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I Standard Full TCLP (10d)	II J burk [] Wastewater [] J Hi-Vol Fitter (PM10) [] Water, Drinking	Miscellaneous Tests	Ê	Metals-Extract	
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Sampled by [NAME]	R 12 Le Le Isignaturej	2			[] Sample return requested
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179 Lake Avenue, Rochester, 4608 Office (585) 647-2530 Fax (585) 647-3311

# CHAIN OF CUSTODY

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SCHNEIDER LABORATORIES, INC. 2512 West Carv Street. Richmond. Virainia 23220-5117 804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475 www.slabinc.com e-mait: info@slabinc.com		209288.03 place 2 5	Matrix ( Samole Tvoe (Select ONE)	Ali Sampias (m. 1971) Ali Sampias (1920) Viso Montalia Viso	Bulk   Hi-Vot Filter (PM (C)   / //atsleweiter   Hi-Vot Filter (PM (C)   / //atsr.Drixing   Hi-Vot Filter (FSP)   ] Consultance   Di   Paint   Paint   Paint   Studge   ]	Organics Time Sampled (e.g. Employ	145 1414 - 141	6 2	A A		Sampie Catiection & Custody Information INAME) ISIGNATURE] INAME) ISIGNATURE] ME] W. WUCK [SIGNATURE] ( PHD ( ) PD ( ) COURIER ( PHD ( ) PD ( ) COURIER Voted: WAYBILL #
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	804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475 www.slabinc.com e-mail: info@slabinc.com	3S (5227) * Fax 804-359-1475 e-mail: info@slabinc.com	LARELLA ASSOCIATES 300 STATE ST. Attn: Stacy Pa	Packe
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Turn Around Time	Matrix / Sample Type (Select ONE)	Tests / Analyt	Tests / Analytes (Select ALL that Apply)	QRGANICS JESTS and other Analyses
[ ] Same day*	All samples on form should be of SAME	r Coun	Asbestos Buik / Asb ID Metals-Total Conc.	NOTE: All samples for organics should be kept at 4°C
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not available for all tests			T	5
Schedole rush organics, multi-	[[] Sludge []]	( ) Silica - XRD (NIOSH 7500) TYPE C	TYPE OF RESPIRATOR	æ
	Organics	IL J Vices Inform	Information for Air Samples Oroanics	2
Date Date	Time Sample Identification	Wiped Type <sup>1</sup>	Flow Rate <sup>3</sup> Total <sup>4</sup>	
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-	•			
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CAUK-5 10/1/09	Btun. Window France and	an		X
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Sampled by [NAME]	ICM KIMN SIGNATURE	EL Par JA	DATETIME 10/1/09	[] Sample return requested
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	(CONDICT)		IDATEDIME LOS, 7-7	([]pH_[]CI_[]RIAS
Unusual Sample Condition Noted:		# 1071790	2400 X12 C Chain-of-Custody	Chain-of-Custody documentation continued internally within lab.

1126-09-315	STACY MARKE	iddages) route 1126	FAX#	Low 1+585-454-6110	ODDANICE TESTS and advise Amiliana	7	tal Conc. NOTE: All semples for organics should be kept at 4°C from collection until testing. Schedule rush analyses in	advance. Indicate preservatives added & media type. Indicate analycie inathori for oranice tests		Extract	Metals	organics)		Organics	-												<sup>3</sup> Pump Calibration in Liters/Minute *Volume in Liters [8me in min * flow in L/min]	[] Sample return requested	6[AAmbient temp [] Cool_°C	[1]pH_[ ]CI_[]R[48	
LLA ASSOCIA	JUO SIRIE SI. ATTA:	Special Instructions [include requests ម៉ែនិទ្រុម៉ីយ៉ឹង] ដ៏ពុំលុកតំាំង dirtrata padvages]		EPE COLLECTED NY	ERE CULLECTED 14 1 Ant Ambit	SIS / ANBIYES (SELECT ALL THAT APPIY)	S Asbestos Bulk / Asb ID Metals-Total Conc. If 1 PLM (EPA 600, 1982) If 1 Lead	2	[ ] NYELAP 198.1/.4/.6	Ê	[ ] TEM (Chaffield) [ ] TCLP / Lead [ ]	FOR ASBESTOS AIR: 1 TCLP / Full (w/ organica) TYPE OF RESPIRATOR	USED:	Information for Air Samples	Time <sup>2</sup> Flow Rate <sup>5</sup>												<sup>2</sup> Beginning/End of Sample Period	DATERTIME ID 6 09	IDATERTIME 10/7/09	PATERWEI (OC9)	
	e-mail: Into@slabinc.com	pecial Instructions [include		ETATE WHERE SAMPLES WERE COLLECTED			Asbestos Alr i Fiber Counts If 1 PCM (NIOSH 7400)	d territ be		Miscellaneous Tests	[ ] Total Dust (NIOSH 0500) [ ] Resp. Dust (NIOSH 0600)	[ ] Silica - FTIR (NIOSH 7602) [ 1 Silica - XRD (NIOSH 7500)		Wipes	Wiped	aterial) Area (It') A.D.F.E	+	Ň	or .	con 230	nt		~		0.	e	Type: A=area B=blank P=personal E=excursion	MUREI aley and	SIGNATURE ALLY	SIGNATURE	/
et, Ric	www.slabinc.com e-mail:	TECH	Driving Park Ave.	209288.03 Phase	Made / Samala Trias / Salad ONE)	Matrix / Sample 1 ypa (Select ONC)	All samples on form should be of <u>SAME</u> matrix type. Use additional forms as needed.	] Air [] Solid ] Aniaous [] 1 Waste		Fitter (PM10) []	] Hi-Vol Fitter (TSP) [ ] Compliance ] Oti [ ] Wipe	Paint [ ] Wipe, Composite   Sludge [ 1	Soil []	Organics		'aakoidi	Bldg.   Basement	Bldg. 1 1st Floor	Bldg. 1 2nd Floor	Bldg. 1 2nd Fleer Roon 300	Bldg-2 Basement	Bldg 2 1st Floor	Bldg. 2 3rd Floor	Bldg. 2 2th Floor	+++ Z -1	Bldg. 3 Garage	Sample Collection & Custody Information	ALEX Reed ISIGNATURE	Alex Reed	A	
SLi				C 1	Furchase Order No.:		[] Same day <sup>*</sup> [ 11 business dav <sup>*</sup>		us. days)	trept.	[]Weekend* []]	<ul> <li>not available for all tests</li> <li>Schedule rush oroanics, muth.</li> </ul>	ej.	Or	Date	e# sampled	1-1 10/0/01	1-2 10/6/09	1-3 10/6/09	1-4 10/1/01	2-1 10/6/09	2-2 10/6/09	2-3 10/6/09	2-4 10/6/09	2-5 10/0/09	3-1 10/6/09	Sample Col	Sampled by [NAME]	Relinquished to lab by [NAME].	Received in lab by [NAME]	THAT THE LANDE FILEM FILE

на изенион 1126-09-378 Астя СКВ	Phote# 11.26	FAX #	1-585-454-6110	ORGANICS JESTS 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.																		n Liters/Minute *Volume in Liters [time in min + flow in L/min]	[] Sample return requested	bient temp [	[] pH[ ] CI[ ]R[ IS	Compliment Custody documentation continued internally within lab.
Stacy Pa			Com	- TEN -	Metals-Total Conc.			Metals-Extract	Metals	f organics)		Organics	Total <sup>4</sup> # con-											<sup>3</sup> Pump Calibration in Liters/Minute		03	1	Empin of-Custod
SOCIATES ST. Attn:	tithg dr datal p		NUAPC	(pply)	Metals-T	[ ] Lead [ ] RCRA Metals [ ]		Metals	[ ] TCLP / Lead	[ ] TCLP / Full (w/ organics)		es	e	-										<sup>2</sup> Beginning/End of Sample Period	10/6/09	10/4/01	10-7	250
LABELLA ASSOCIATES 300 STATE ST. Att	Special Instructions [include requests fob/special reporting dr data/padA39es]	(	LAB	Tests / Analytes (Select ALL that Apply)	Asbestos Bulk / Asb ID	PLM (EPA 600, 1982) PLM (EPA Point Count) PLM (Qualitative only)	NYELAP 198.1/.4/.6	CAELAP (EPA Interim)	atfield)	FOR ASBESTOS AIR: TYPE OF RESEIRATOR		Information for Air Samples	Flow Rate <sup>3</sup>	-											[DATE/TIME]	[DATE/TIME]	TDATE/TIME]	218
Subr Co. LA 30	requests foll		E E	sets / Analytes (		[ ] PLM (EP) [ ] PLM (EP) [ ] PLM (Que	[] NYELAP	[] CAELAP	C) TEM (Chatfield)	FOR ASI	USED:	Informati	Time <sup>2</sup> Start Ston	-										A=area B=blank P=personal E=excursion	C D	Par		290
	ns [include		Kesults to : Resamples we		Alr / Fiber Counts	SH 7400) :RA) .Level II)		Miscellaneous Tests	(NIOSH 0500) st (NIOSH 0600)	IR (NIOSH 7602) D MIDSH 7500)	(000 L 100 L		Type <sup>†</sup>	-					+					t=erea B=blank P=	ley Du	ally 2		is h
ORATORIES, IN( thmond, Virginia 23220-51 3S (5227) * Fax 804-359- e-mait: info@slabinc.com	ial Instructio		STATE WHERE SI		Asbestos Alr	[] PCM (NIOSH 7400) [] TEM (AHERA) [] TEM (EPA Level II)		Miscellar	<ul> <li>Total Dust (NICSH 0500)</li> <li>Resp. Dust (NICSH 0600)</li> </ul>	[ ] Silica - FTIR (NIOSH 7602)		Wipes	Wiped						-					Type: A		SIGNATURE	ISIGNATURE	×) #
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			STAT	ct ONE)	OF SAME	s as needed.	vater	Drinking	ance	) Wipe, Composite		nt.	Sample Identification							Basement	1st Floor				[SIGNATURE]	SIGI	7	WAYBILL#
CHNEIDER LA 2 West Cary Street, 353-6778 * 800-785-1 www.slabinc.com		3	S Phase	Matrix / Sample Type (Select ONE)	All samples on form should be of SAME	matrix type. Use additional forms as needed. Air [] Solid Aqueous [] ] Waste	[] Wastewater	-	P) [ ] Compliance [ ] Wipe	[] Wipe, (			Sample Identification	RIJ. I	1	-			10.10	11	11 .	9.12	la. 13	dy Information	20	Reed	I IDB I ICOURIER	
2512 West 804-353-677 www.sit		5	209288.03	Matrix / Sar	All samples or	<u>matrix type</u> . Use ] Air ] Aqueous	Bulk	] Hi-Val Filter (PM10)	] Hi-Vol Filter (TSP) ] Oil	] Paint	Soil	Organics	Time . Samnlard (a.g.	-	A10.	Ride	1a	Bide	Blda	Bldg	Blog	BIda	Bldg	Sample Collection & Custody Information	Alex Reed	ALLY	OHI ]	
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10	Project Name:	Project Location:	Project Number: Purchase Order No.:	Tum Around Time	[ ] Same day*	<ul> <li>1 business day*</li> <li>2 business days*</li> <li>1 3 business days*</li> </ul>	STANDARD (5 bus. days)	[] Standard Full TCLP (10d)	[] Weekend*	* not available for all tests	metals & weekend fests in advance		Samola #	1-1		2-1-9			1-01	1-11	11-2	12-1	13-1		Sampled by	Relinquished to lab by [NAME].	Received in lab by [NAME]	

126-0 3-228	Acct #	Ptone #	1.126	FXX# 1-585-454-6110		QRCANICS JESTS 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.				A PARTICULAR IN THE SECOND	1							Liters/Minute *Volume in Liters [time in min * flow in L/min]	[] Sample return requested	Cool Cool Cool Cool C	continued internal
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•=		Due	Dool 1900	200	r No.:	d Time		-			믝		Sampled S. 109	10/2/01	10 7 09	10 7- 09			Sample Co	[NAME]	o lab by [NAM] b by <del>[N</del> AME] _	NUPS [ JUS
er	J	Brotect Name	Project Location:	Project Number:	Purchase Order No.:	Turn Around Time	<ul> <li>[] Same day*</li> <li>[] 1 business day*</li> <li>[] 2 business days*</li> <li>[] 3 business days*</li> </ul>	STANDARD (5 bus. days) 1.1 Standard Full TCL P (10d)	[] Weekend*	" not available for all tests Schedule rush organics, multi-	metals & weekend tests in advance		Sample #	16-2	16-3	1-41				Sampled by	Relinquished to lab by [NAME]. Received in lab by [NAME]	[ ]FX [ ]DHL [7UPS [ ]USM [ ]KD Unusual Sample Condition Noted:

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H     K1HA     Signature     *Type: A area B-biggt P-parsonal E-excursion     *Beginning/End of Sample Period     *Pump Calibration In LiteraMinute       M     K1HA     Signature     Mathematic     *Date/Time     10     10     10       YOM     K1/HA     Isignature     Mathematic     Interaminute     13       YOM     K1/HA     Isignature     Mathematic     Interaminute     10     10     10       TOM     K1/HA     Isignature     Mathematic     Interaminute     Interaminute     13       TOM     K1/HA     Isignature     Mathematic     Interaminute     Interaminute       TOM     K1/HA     Isignature     Mathematic     Interaminute     10     10       TOM     K1/HA     Isignature     Interaminute     Interaminute     Interaminute		60	Photech					
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Report To: Den & Parter	eiche.		lnvoi ≜	Invoice To:							Pro	Project No.: Site Name:		Plo Tech	1 ck		
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SCHNEIDER LABORA 512 West Cary Street, Richmond 1-353-6778 * 800-785-LABS (52) www.slabind.com e-mail. H NING PKK AVE. C.O.3. PHASE 1. S Matrix I Sample Type (Select ONE) cons [] Waste [] Wastewater [] Wastewater [] Wastewater [] Wastewater [] Wipe, Compliance [] Wi
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[ ] Same day*	All s	All samples on form should be of SAME	Asbestos Air ,	Hiber Counts	A	Asbestos Bulk / Asb tD	Asb tD		Metals-Total Conc		NOTE: All samples for organics should be kept at 4°C
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[ ] 3 business days* [ ASTANDARD (5 bus. davs)	[] ] Aqueous [] 1 Bulk	[] Waste [] Wastewater	[ ] TEM (EPA Leve	(II)	I I NY	[ ] PLM (Qualitative only) r 1 NYFI AP 198 1/ 4/ 6	4/6			1	Indicate analysis method for organics tests,
[ ] Standard Full TCLP (10d)	[] Hi-Vol Filter (PM10)		Miscellaneous Tests	aous Teats	I I CP	[] CAELAP (EPA Interim)	iterim)	W	Metals-Extract		
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not available for all tests Schedule rush organics, multi-	[ ] Paint [ ] Sludge	[] Wipe, Composite []	[ ] Silica - FTIR (NIOSH 7602) ][ ] Silica - XRD (NIOSH 7500)	OSH 7602) OSH 7500)	H H H H	FOR ASBESTOS AIR: TYPE OF RESPIRATOR	DS AIR: ATOR	] TCLP / Full	] TCLP / Full (w/ organics) ]		17 121 - 10 121 - 10
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	Organics		Wipes			Information for Air Samples	r Air Samples			Organics	4
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Sampled by [NAME]	Carl	1. JALANCE [SIGNATURE]	tell out		[DATE	DATE/TIME]	solen	Cell	1		[] Sample return requested
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Received in lab by [NAME]		SIGNATURE	REJ		D	[DATE/TIME]					[ ] pH [ ] CI [ ]R[ ]S
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804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475 www.slabinc.com     804-353-6778 * 800-785-LABS (5227) * Fax 804-359-1475       Project Name:     FHOTECH     e-mail: info@stabinc.com       Project Name:     FHOTECH     Special Instructions linc       Project Number:     209288.03     PHASE_1       Project Number:     209288.03     PHASE_1       Project Number:     209288.03     PHASE_1       Project Number:     209288.03     PHASE_1	1 1 100 1 100 (E007) + 1				11/20-07. 060
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	STATE	WHERE SAMPLE	STATE WHERE SAMPLES WERE COLLECTED		
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All samples on form should be of <u>SAME</u> matrix type. Use additional forms as needed		Asbestos Alr / Fiber Counts ] PCM (NIOSH 7400)	ounts Asbestos Bulk / Asb ID [ ] PLM (EPA 600, 1982)	ID Metals-Total Conc.	NOTE: All samples for organics should be kept at 4°C from collection until testing. Schedule rush analyses in
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([ ] Hi-Vol Filter (PM10) [   ] Hi-Vol Filter (TSP) [   1 Oit	[] Water, Drinking [] Compliance [] Wine	Miscellaneous Tests ) Total Dust (NIOSH 0500) ) Resp. Dust (NIOSH 0600)	CAELAP (EPA Interim)     I TEM (Chatfield)     I 1	Metals-Extract [] TCLP / Lead [] TCLP / RCRA Metals	
t Be	Composite	Silica - FTIR (NIOSH 7602) Silica - XRD (NIOSH 7500)	02) FOR ASBESTOS AIR: D0) TYPE OF RESPIRATOR		
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8		-	lation for Air		
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Sample Collection & Custody Information	Amation	Type A=erea B=bla	<sup>1</sup> 1ype: A≃rea B⇒blank P≂personal E=excusion <sup>2</sup> Beginnin	<sup>2</sup> Beginning/End of Sample Period <sup>3</sup> Pump Calibration in Liters/Minute	n LiterstMinute Volume in Liters [bine in min + flow in Umin]
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Received in lab by INAME]	"x	[signature]	DATE/TIMED	1-1-0)a	( []pH_[ ]cl_[]R[ ]b/

Radian 126 - 09. 325 Pacific Pacific Prove 1126 1-585-454-6110	ORCAMICS JESTS and officer Analyses       NOTE: All samples for organics should be kept at 4°C       from contection until resting Schedule rush analyses in advance indicate preservatives added à mode type.       Indicate analysis method for organics tests.       Indicate analysis method for organics tests.	1000     [] Sample return requested       7     1       7     1       0     1       0     1
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SCHNEIDER LABORATORIES,         SCHNEIDER LABORATORIES,         2512 West Cary Street, Richmond. Virginia 232.         2512 West Cary Street, Richmond. Virginia 232.         804-353-6778 * 800-785-LABS (5227) * Fax 804-         Project Name:       PH CT E C M         Project Name:       PH CT E C M         Project Location:       Icco       Dav(N/L F R, AVE         Project Number:       Ico       Dav(N/L F R, AVE         Project Number:       Ico       Dav(N/L F R, AVE         Project Number:       Ico       Tate WHERE	Turn Around Time     Matrix / Sample Type (Salect ONE)       I lame day     All samples on form strough the of SAME       I l business day     I All samples on form strough the of SAME       I l business days     I All samples on form as needed.       I l business days     I Auron Sile (PM)       I l business days     I Buk       I l business days     I busines       I l business days     I busines       I l business days     I busines       I l business days     I buk       I l business     I buk       I l busines     I buk       I l buk     I buk       I l buk     I buk	LAM TRUIS ME Alex Reed ISM [ ]HD [ ]DB [ [COURIER

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I H-VOI Flage (Tell)     Weethermond     Test     I - Cit. Lot     Methal.efterent       1 H-VOI Flage (TESP)     1 - Companies     1 - Tendiances     1 - Tendiances     1 - Tendiances       1 H-VOI Flage (TESP)     1 - Companies     1 - Tendiances     1 - Tendiances     1 - Tendiances       1 H-NOI Flage (TESP)     1 - Companies     1 - Tendiances     1 - Tendiances     1 - Tendiances       1 H-NOI Flage (TESP)     1 - Companies     1 - Companies     1 - Companies     1 - Companies       1 H-NOI Flage (TESP)     1 - Companies     1 - Companies     1 - Companies     0 - Companies       1 H-NOI Flage (TESP)     1 - Companies     1 - Companies     0 - Companies     0 - Companies       1 H-NOI Flage (TESP)     2 - Companies     1 - Companies     0 - Companies     0 - Companies       1 H-NOI Excinct ef 5 - Let AL     N/N Eccinct ef 5 - Let AL     N/N Eccinct ef 5 - Let AL     N/N - Concretes     0 - Concretes       1 H-NOI Eccinct ef 5 - Let AL     N/N Eccinct ef 5 - Let AL     N/N - Concretes     5 - Let AL     0 - N - N - N - N - N - N - N - N - N -	DARD (5 bus. days)	008	( ) ICM (CPA LEVELII)	1 INYELAP 198,11.41.6		marcate analysis merida for organics tests.
1) H-Vol Filer (TSP)     1) Tomplance     1) Todal Dust (NIOSH 0500)     1) TEM (Charlent)     1) TOLP / Full (NIOSH 0500)       1) Partin     1) Writes     1) Writes     1) Writes     1) Writes     1) Writes       1) Stards     1) Writes     1) Writes     1) Writes     1) Writes     1) Writes       1) Stards     1) Writes     1) Writes     1) Writes     1) Writes     0       1) Stards     1) Writes     1) Writes     1) Writes     1) Writes     0       1) Stards     1) Writes     1) Writes     1) Writes     0     0       1) Writes     1) Stard     1) Writes     1) Writes     0     0       1) Writes     1) Writes     1) Writes     1) Writes     0     0       1) Writes     1) Writes     1) Writes     1) Writes     0     0       1) Writes     1) Writes     1) Writes     1) Writes     1) Writes     0       1) Writes       1) Writes     1) Writes     1) Writes     1) Writes     1) Writes     1) Writes     1) Writes       1) Writes     1) Writes     1) Writes     1) Writes     1) Writes     1) Writes     1) Writes       1) Writes     1)	ard Full TCLP (10d)	ol Filter (PM10)	Miscellaneous Tests	[] ] CAELAP (EPA Interim)	Metals-Extract	
Print     (1) Wipe, Compare     (1) Silina - FRIR (NIGSH 7800)     PPR AGBERTOS AME:     (1) TGLP / Full (w organics)       1     100     100     100     FRIR (NIGSH 7800)     TYPE OF RESPIRATOR     11       1     Siling     100     Niged     Niged     Niged     Niged     Organics       Three     Sampled     (e.g. Employee, SSN, Bildg, Material)     Miged     Niged     Three's     Flow Falls     Organics       Sind     Silit     Silit     Silit     Silit     Silit     Silit     Silit     Silit       NN     Ceneric of Silit     Brituri     Low Falls     Niged     Niged     Niged     Niged       NN     Ceneric of Silit     Brituri     Low Falls     Niged     Niged     Niged       Metal     Davi and Erifi     Niged     Niged     Niged     Niged     Niged       Metal     Davi and Erifi     Niged     Niged     Niged     Niged     Niged       Metal     Davi and Erifi     Niged     Niged     Niged     Niged     Niged       Metal     Davi     Erification     Niged     Niged     Niged     Niged       Metal     Davi     Erification     Riged     Niged     Niged     Niged       Metal<	end"	(ol Filter (TSP)	1 Total Dust (NIOSH 0500)	[ ] TEM (Chatfield)	[ ] TCLP / Lead	
I Stude II Stude II Stude Trine Construction (NOSH 7500) Type Create Respirators II Stude III	liable for all tests		[] ] Silica - FTIR (NIOSH 7602)	FOR ASBESTOS AIR:	<pre>[ ] TCLP / Full (w/ organics)</pre>	2
All of the standard of an analysis     Normation of an analysis     Organics       Three     Sample identification     Wiped     Type <sup>1</sup> Three <sup>3</sup> Flow Rate <sup>3</sup> Total <sup>4</sup> # con- sent stop       Sample identification     Wiped     Type <sup>1</sup> Three <sup>3</sup> Flow Rate <sup>3</sup> Total <sup>4</sup> # con- sent stop       Sample identification     Wiped     Type <sup>1</sup> Three <sup>3</sup> Flow Rate <sup>3</sup> Total <sup>4</sup> # con- sent stop       Sample identification     Wiped     Three <sup>3</sup> Sant     Stop     Air Vol     Iannes       Sample identification     Wiped     Three <sup>3</sup> Flow Rate <sup>3</sup> Total <sup>4</sup> # con- sent stop       Nu     Concer of Site Brua.     Nu     Concer of Site Brua.     Nu     Kein     Kein       Nu     Kein     Nu     E     Sidu ef Site     Prove stop     Nu       Nu     Kein     Nu     Kein     Nu     Kein       Nu     Kein     Nu     Nu     Kein     Kein       Nu     Kein     Nu     Kein     Kein     Kein       Brinn     Ku     Brinn     Kin     Hin     Silon stop       Extra the the stability stop     Kein     Nu     Kein     Kein       Min     Kin     Nu     Kein	de rush organics, multi-		[] Silica - XRD (NIOSH 7500)	TYPE OF RESPIRATOR		2
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(e.g. Em) (Carper A Custody Infe	8 8 4	Matrix / Sample Type (Select ONE)	N. 2 100	h Thick the	<b>SCHN</b> 2512 Wes 804-353-67
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Miscellameous Tests       J Total Dust (NIOSH 0500)       J Silica - FTIR (NIOSH 0600)       J Silica - FTIR (NIOSH 7602)       J Silica - KTD (NIOSH 7602)       J Area (ft?)       Area (ft?)       A, B, P,E       ''Type: A-area B	Asbestos Air / Fiber Counts ] PCM (NIOSH 7400) ] TEM (AHERA) ] TEM (EPA Level II)		RESAMP	uctions [inc	S, INC. 3220-5117 34-359-141
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Building 1 Basement, Room 003 - Drum of Unknown Substance.



Building 1 Basement, Room 003 - Drum of Unknown Substance.





Building 1Basement, Room 005 – Water Chiller Pump and Freon Tank.



Building 2 Basement, Bulk Storage Room – Rectangular Tank and Trough.





Building 2 Basement, Bulk Storage Room – Rectangular Tank and Trough.



Building 2 Basement, Bulk Storage Room – Four 250-gallon Poly Tanks.





Building 1 Basement, Room 003 in Northeast Corner – Chill Water Tank.



Building 1 Basement, Room 004 – Miscellaneous Equipment.





Building 1 Basement Room 004 – Miscellaneous Equipment.



Building 1 Basement, Room 004 – Miscellaneous Equipment.





Building 1 Basement, Room 005 – Orange Steel Tank.



Building 2 Second Floor, Chill and Noodling Room – Single Piston Hydraulic Lift.

**Photech – Pre-Demolition Waste Inventory** 1000 Driving Park Rochester, New York





Building 2 First Floor, Room 111 – Two Tanks and Trough with Unknown Liquid.



**Building2 Fourth Floor – Still Room Poly Water Tanks.** 





**Building 4 – Various Containers Throughout Building.** 



**Building 4 Electrical Room – Debris and Trichlorofluoromethane Drum.** 





Building 5, Boiler House – White Drum with Foamy Unidentified Liquid.



**Building 7 Coating Alley – Sump/Pipe Chase.** 

**Photech – Pre-Demolition Waste Inventory** 1000 Driving Park Rochester, New York





**Building 11, Room B-2 – Deionization System Tanks.** 



**Building 11, Room B-2 – Deionization Tanks.** 





Building 11, Room B-3 – Compressed Gas Tank.



Building 12 Pallet Storage Room – Methanol and Toluene (empty) Containers.





**Building 17 Coating Alley – Sump/Pipe Chase.** 



**Building 9 Kathabar Conditioning System Piping.** 





**Building 9 Kathabar Conditioning System Piping.** 



Building 17 Kathabar Conditioning System Piping.



# <u>PHOTECH</u>

# Building 1 Analytical Data

# SCHNEIDER LABORATORIES

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### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

# LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location: P.O.#:	1126-09-327 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-7 Photech 209288.03 Phase 1 1000 Driving Prk Ave	1098	Date/T I Rece	ime Collect ïme Receiv Date Report eipt Temp., Sample Mat	red: 10/7/2009 ted: 10/14/2009 °C:	10:	00 AM
Sample			SLI	Sample N	lo.: 30345205		
Description:	S Side Of Bldg 1		Client	Sample N	lo.: Caulk-1		
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	An	alyst
	enyls based on SW846 8082 u		69 6-0 19-				
Aroclor - 1016	BQL	419	µg/kg	1	10/12/2009 1:44:00		SKS
Aroclor - 1221	BQL	419	µg/kg	1	10/12/2009 1:44:00	PM	SKS
Aroclor - 1232	BQL	419	µg/kg	1	10/12/2009 1:44:00	РM	SKS
Aroclor - 1242	BQL	419	µg/kg	1	10/12/2009 1:44:00	PM	SKS
Aroclor - 1248	BQL	419	µg/kg	1	10/12/2009 1:44:00	PM	SKS
Aroclor - 1254	BQL	419	µg/kg	1	10/12/2009 1:44:00	РМ	SKS
Aroclor - 1260	BQL	419	µg/kg	1	10/12/2009 1:44:00	PM	SKS
Aroclor - 1262	BQL	419	µg/kg	1	10/12/2009 1:44:00	РM	SKS
Polychlorinated Biphe	envis based on SW846 8082 -	- Surrogate Recov	eries usin	g SLI 017			
Surrogate DCB	Recovery 91%						

externes

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI, protocol. Visit www.slabinc.com for current certifications.

165%

TCMX

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AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003 LABORATORY ANALYSIS REPORT

Lead Analysis based on EPA 70008 Method

Using SLI P26 A14

ACCOUNT #:	1126-09-325	DATE COLLECTED:	9/28/2009
CLIENT:	LABELLA ASSOCIATES	DATE RECEIVED:	10/7/2009
ADDRESS:	300 STATE STREET	DATE ANALYZED:	10/13/2009
	ROCHESTER, NY 14614-1098	DATE REPORTED:	10/13/2009
PROJECT NAME:	Photech		
JOB LOCATION:	1000 Driving Prk Av		
PROJECT NO .:	209288-03 Phase 1		
PO NO.:		Sample Type:	PAINT

SLI Sample <u>No.</u>	Client Sample No.	Sample Description	Sample Wt (mg)	Total Lead (µg)*	Lead Conc (% by wt)	Lead Conc <u>PPM</u>
30345170	209288-03-1	1st FL Bldg 2 Foyer Wall	686	969.1	0.141	1,413
30345171	209288-03-2	Bldg 2 Wall In Stairway	549	408.9	0.074	745
30345172	209288-03-3	Bidg 2 Railing To Bsmt	658	3,180,1	0.483	4,833
Analysis Rur	1D: 44443					

Analyst: Dara L. Fox a Com 0 Total Number of Pages in Report: 1 **Reviewed By** Visit www.slabinc.com for current certifications. Results relate only to samples as received by the laboratory.

Kas-Abisola O. Kasali, Analyst

Minimum Reporting Limit: 20.0 µg. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC). \*Data precision justifies 2 significant figures. All internal QC parameters were met. Unusual sample conditions, if any, are described.

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2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • (FAX) 804-359-1475 *Excellence in Service and Technology* AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003 LABORATORY ANALYSIS REPORT

PO NO.:		Sample Type:	TCLP
PROJECT NO .:	209288.03 Phase 1		
JOB LOCATION:	1000 Driving Park Av		
PROJECT NAME	: Photech		
	ROCHESTER, NY 14614-1098	DATE REPORTED:	10/16/2009
ADDRESS:	300 STATE STREET	DATE ANALYZED:	10/13/2009
CLIENT:	LABELLA ASSOCIATES	DATE RECEIVED:	10/9/2009
ACCOUNT #:	1126-09-328	DATE COLLECTED:	10/6/2009

SLIID: 30349085 Cilent ID: 1-1 Initial pH: 8.04

Regulatory Concentration Method MRL\*\* Llmit Analyte EPA 1311/6010C 0.04 mg/L 5.0 mg/l < 0.08 mg/L Silver (Ag) 5.0 mg/l < 0.08 mg/L EPA 1311/6010C 0.04 mg/L Arsenic (As) 0.41 mg/L EPA 1311/6010C 0.04 mg/L 100.0 mg/l Barium (Ba) 0.04 mg/L 1.0 mg/l Cadmium (Cd) 0.45 mg/L EPA 1311/6010C Chromium (Cr) < 0.20 mg/L EPA 1311/6010C 0.10 mg/L 5.0 mg/l < 0.006 mg/L EPA 1311/7470A 0.003 mg/L 0.2 mg/l Mercury (Hg) Lead (Pb) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l EPA 1311/6010C 0.04 mg/L 1.0 mg/l Selenium (Se) < 0.08 mg/L

Description:

Bidg 1 Basement

**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

Client ID: T4 SLI ID: 30319021

Initial pH: 9.51

Description: B1 Labs

Analyte	Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/ <b>L</b>	5.0 mg/l
Barium (Ba)	0.22 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLIID: 30319022	Client ID: T18 Bldg Z	Desci	ription: B2 Emulsion	Storage

Initial pH: 10.60

Analyte	Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.69 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	0.36 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/i

#### **Total Number of Pages in Report: 4**

Results relate only to samples as received by the laboratory.

Equivalent units: ppm = mg/l or µg/ml; ppb = µg/l. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

Page 3

SLI ID: 30349086	Client ID:	1-2	Descriptio	n: Bldg 1 1st Flo	or
	Initial pH: 8	3.77			
Analyte		Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)		<0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.18 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLI ID: 30349087	Client ID:	1-3	Descriptio	n: Bldg 1 2nd Fl	001
	Initial pH: 8	3.46			
Analyte		Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/ł
Barium (Ba)		0.41 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/i
Cadmium (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l

EPA 1311/6010C

EPA 1311/6010C

0.04 mg/L

0.04 mg/L

5.0 mg/l

1.0 mg/l

<0.08 mg/L

< 0.08 mg/L

Lead (Pb) Selenium (Se)

**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

Description: Bldg 1 2nd Floor Rm 230 SLI ID: 30349088 Client ID: 1-4 Initial pH: 6.08 Regulatory MRL\*\* Limit Analyte Concentration - Method EPA 1311/6010C 0.04 mg/L 5.0 mg/l Silver (Ag) < 0.08 mg/L EPA 1311/6010C 0.04 ma/L 5.0 mg/l Arsenic (As) < 0.08 mg/L < 0.08 mg/L 0.04 mg/L 100.0 mg/l Barium (Ba) EPA 1311/6010C 0.04 mg/L 1.0 mg/l Cadmium (Cd) < 0.08 mg/LEPA 1311/6010C 0.10 mg/L 5.0 mo/l Chromium (Cr) < 0.20 mg/L EPA 1311/6010C 0.003 mg/L 0.2 mg/l Mercury (Hg) < 0.006 mg/L EPA 1311/7470A 0.04 ma/L Lead (Pb) < 0.08 ma/L EPA 1311/6010C 5.0 mg/l Selenium (Se) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/l SLIID: 30349089 Bldg 2 Basement Client ID: 2-1 Description: Initial pH: 6.92 Regulatory MRL\*\* Limit Analyte Concentration Method Silver (Ag) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l Arsenic (As) EPA 1311/6010C 0.04 mg/L 5.0 mg/l < 0.08 mg/L 0.04 mg/L 100.0 mg/l Barium (Ba) 0.17 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/l Cadmium (Cd) < 0.08 mg/L EPA 1311/6010C Chromium (Cr) < 0.20 mg/L EPA 1311/6010C 0.10 mg/L 5.0 mg/l Mercury (Hg) < 0.006 mg/L EPA 1311/7470A 0.003 mg/L 0.2 mg/l Lead (Pb) 0.62 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l Selenium (Se) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/i

Page 3

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Total Number of Pages in Report: 13

Results relate only to samples as received by the laboratory.

# <u>PHOTECH</u>

# Building 2 Analytical Data

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AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003 LABORATORY ANALYSIS REPORT

Lead Analysis based on EPA 7000B Method

U Analysis based on EFA 7000B Meth

Using SLI P26 A14

ACCOUNT #:	1126-09-326	DATE COLLECTED:	10/2/2009
CLIENT:	LABELLA ASSOCIATES	DATE RECEIVED:	10/7/2009
ADDRESS:	300 STATE STREET	DATE ANALYZED:	10/13/2009
	ROCHESTER, NY 14614-1098	DATE REPORTED:	10/13/2009
PROJECT NAME:	: Photech		
JOB LOCATION:	1000 Driving Prk Ave		
PROJECT NO .:	209288.03 Phase 1		
PO NO.:		Sample Type:	PAINT

SLI Sample No.	Client Sample No.	Sample Description	Sample Wt (mg)	Total Lead (μg)*	Lead Conc (% by wt)	Lead Conc PPM
30345177	209288.03-9	Bidg 2 1st FL Red Door	198	< 20.0	< 0.010	< 101
30345178	209288.03-19	Bidg 2 2nd FL White Door	666	1,143.3	0.172	1,717
30345179	209288.03-25	Bldg 2 4th FL Res Wall	481	3,047.6	0.634	6,336
30345180	209288.03-34	Bidg 5 Red/Brown Door	637	15,427.2	2.422	24,219
30345181	209288.03-45	Bldg 17 White Door	636	< 20.0	< 0.003	< 31
Analysis Rur	n ID: 44443					

Analyst: Dara L. Fox	Abizat	- O Kazali
Total Number of Pages in Report: 1	Reviewed By	Abisola O. Kasali, Analyst
Results relate only to samples as received by the laboratory.	Visit v	www.slabinc.com for current certifications.

Minimum Reporting Limit: 20.0 µg, Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC). \*Data precision justifies 2 significant figures. All internal QC parameters were met. Unusual sample conditions, if any, are described.

### itkem Laboratories

Date: 11-Nov-09

Client: LaBella Associates Client Sample ID: 250K-TANKS

Lab ID: H2170-01

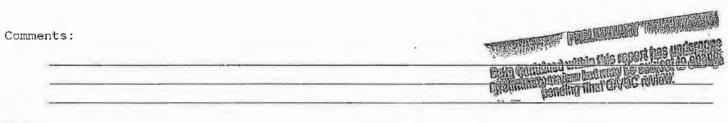
## Project:LaBella Stand ByCollection Date:10/30/09 14:00

Analyses	Result Qual	RL	Units	DF Date Analyzed	Batch ID
SW846 8082 PCB by GC-ECD					SW8082_W
Aroclor-1016	ND	1.0	μg/L	1 11/04/2009 15:52	47111
Aroclar-1221	ND	1.0	µg/L	1 11/04/2009 15:52	47111
Aroclor-1232	ND	1.0	μg/L	1 11/04/2009 15:52	47111
Aroclor-1242	ND	1.0	μg/L	1 11/04/2009 15:52	47111
Aroclor-1248	ND	1.0	μg/L	1 11/04/2009 15:52	47111
Aroclor-1254	ND	1.0	µg/L	1 11/04/2009 15:52	47111
Aroclor-1260	NĎ	1.0	µg/L	1 11/04/2009 15:52	4711 <b>1</b>
Surrogate: Tetrachloro-m-xylene	60.2	21-140	%REC	1 11/04/2009 15:52	47111
Surrogate: Decachlorobiphenyl	59.1	40-135	%REC	1 11/04/2009 15:52	47111

	U	.S. EPA - CLP	
		1	EPA SAMPLE NO.
	INORGANIC	ANALYSIS DATA SHEET	250K-TANKS
b Name:	Mitkem Laboratories	Contract: Pho-Tec	ch
Lab Code:	MITKEM Case No.:	SAS No.:	SDG No.: SH2170
Matrix (so:	il/water): WATER	Lab Sample ID: H2	2170-01
Level (low,	/med): MED	Date Received: 10	0/31/2009
% Solids:	0.0		

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	133			P
7440-39-3	Barium	308			P
7440-43-9	Cadmium	5890			P
7440-47-3	Chromium	3410			P
7439-92-1	Lead	834			P
7439-97-6	Mercury	3.5			CV
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	3020			P



ISM\_005

#### 1E - FORM I SV-2 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

250K-TANKS

Lab Name: M	AITKEM LABORATORIES	Contract	:			
Lab Code: M	AITKEM Case No.: H2170	Mod. Ref	No.:	SC	OG No.:	SH2170
Matrix: (SO)	IL/SED/WATER) WATER	Lab Samp	le ID:	H2170-01B		
Sample wt/vo	ol: 1000 (g/mL) ML	Lab File	ID:	S1G0532.D		
Level: (LOW/	/MED) LOW	Extractio	on: (Type	∋) SEPF		
% Moisture:	Decanted: (Y/N)	Date Rece	eived:	10/31/2009		
Concentrated	d Extract Volume: 1000 (uL)	Date Ext	racted:	11/03/2009		
	olume: 1.0 (uL) GPC Factor: 1.00			11/04/2009		
GPC Cleanup:	:(Y/N) N pH:	Dilution	Factor:	1.0		
	Ϊ			ATION UNITS:	UG/L	T
CAS NO. 108-95-2	COMPOUND		(ug/L or	ug/Kg)	10	Q
	Bis(2-chloroethyl)ether					U
					10	U
	2-Chlorophenol				10	U
	1,3-Dichlorobenzene				10	U
	1,4-Dichlorobenzene				10	U
	1,2-Dichlorobenzene				10	U
	2-Methylphenol				10	U
	2,2'-oxybis(1-Chloropropane)				10	U
	4-Methylphenol				10	U
	N-Nitroso-di-n-propylamine				10	U
	Hexachloroethane				10	U
	Nítrobenzene				10	υ
	Isophorone				10	U
	2-Nitrophenol				10	U
	2,4-Dimethylphenol				10	U
	2,4-Dichlorophenol				10	U
	1,2,4-Trichlorobenzene				10	U
	Naphthalene				10	Ü
	4-Chloroaniline				10	U
	Bis(2-chloroethoxy)methane				10	υ
	Hexachlorobutadiene				10	U
	4-Chloro-3-methylphenol				10	U
91-57-6	2-Methylnaphthalene				10	σ
	Hexachlorocyclopentadiene		-		10	U
88-06-2	2,4,6-Trichlorophenol				10	U
95-95-4	2,4,5-Trichlorophenol .				20	σ
91-58-7	2-Chloronaphthalene				10	U
	2-Nitroaniline				20	U
and the second se	Dimethylphthalate				10	U
	Acenaphthylene				10	U
	2,6-Dinitrotoluene				10	U
	3-Nitroaniline		-		20	U
	Acenaphthene	Caller Stores Gert	DES CIMPERING OF	NAME AND AND ADDRESS OF	10	U
	2,4-Dinitrophenol	ALL	DEPARTURE CORN		20	U
	4-Nitrophenol	a area a farmer of	in this engot	VILLES ALLSENSING	20	U
	Dibenzofuran Will	TEMANANARA	DIV MAY DOVS	LECT IN CHANGE	10	U
	2,4-Dinitrotoluene			-2 -2	10	U
121-14-2	sla prurerorornene				10	10

SW846

#### 1E - FORM I SV-2 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

250K-TANKS

Lab Name: M	IITKEM LABORATORIES	Contract:				
Lab Code: M	MITKEM Case No.: H2170	Mod. Ref N	No.:	SDG	No.:	SH2170
Matrix: (SO)	IL/SED/WATER) WATER	Lab Sample	e ID:	H2170-01B		
Sample wt/vo	ol: <u>1000</u> (g/mL) ML	Lab File B	D:	\$1G0532.D		
Level: (LOW/	MED) LOW	Extraction	1: (Туре	e) SEPF		
<pre>% Moisture:</pre>	Decanted: (Y/N)	Date Recei	lved:	10/31/2009		
Concentrated	A Extract Volume: 1000 (uL)	Date Extra	acted:	11/03/2009		
Injection Vo	Dlume: (uL) GPC Factor:	Date Analy	zed:	11/04/2009		
GPC Cleanup:	(Y/N) <u>N</u> pH:	Dilution H	factor:	1.0		
CAS NO.	COMPOUND		ONCENTR	ATION UNITS: ug/Kg) -	UG/L	_ Q
84-66-2	Diethylphthalate				10	U
7005-72-3	4~Chlorophenyl-phenylether				10	Ŭ
86-73-7	Fluorene				10	U
100-01-6	4-Nitroaniline	1			20	U
534-52-1	4,6-Dinitro-2-methylphenol				20	Ū
86-30-6	N-Nitrosodiphenylamine				10	σ
101-55-3	4-Bromophenyl-phenylether				10	σ
118-74-1	Hexachlorobenzene				10	U
87-86-5	Pentachlorophenol				20	U
85-01-8	Phenanthrene				10	U
120-12-7	Anthracene				10	U
86-74-8	Carbazole				10	U
84-74-2	Di-n-butylphthalate				10	U
206-44-0	Fluoranthene				10	Ü
129-00-0					10	U
	Butylbenzylphthalate				10	U
	3,3'-Dichlorobenzidine				10	U
	Benzo(a)anthracene				10	U
218-01-9					10	U
	Bis(2-ethylhexyl)phthalate		· · · · · · · · · · · · · · · · · · ·		7.2	J
	Di-n-octylphthalate				10	U
	Benzo(b)fluoranthene				10	U
	Benzo(k)fluoranthene				10	U
	Benzo(a)pyrene				10	σ
	Indeno(1,2,3-cd)pyrene				10	Ū
	Dibenzo(a,h)anthracene				10	U
191-24-2	Benzo(g,h,i)perylene				10	U

TANK PREMIMENT

Dela contained within this report has underwate preliminary ceuteu bet carry be subject to shango benetiar then thirtic review!

#### 1K - FORM I SV-TIC SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

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CLIENT SAMPLE NO.

250K-TANKS

7.5

T

Jab Name: MITKEM L	ABORATORIES	Contract:	
Lab Code: MITKEM	Case No.: H2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (SOIL/SED/W	ATER) WATER	Lab Sample ID:	H2170-01B
Sample wt/vol:	1000 (g/mL) ML	Lab File ID:	S1G0532.D
Level: (TRACE or LC	W/MED) LOW	Extraction: (Typ	pe) SEPF
% Moisture:	Decanted: (Y/N)	Date Received:	10/31/2009
Concentrated Extrac	et Volume: 1000 (uL)	Date Extracted:	11/03/2009
Injection Volume: _	1.0 (uL) GPC Factor: 1.00	Date Analyzed:	11/04/2009
GPC Cleanup: (Y/N)	N pH:	Dilution Factor:	: 1.0
CONCENTRATION U	NITS: (ug/L or ug/Kg) UG/L	_	
CAS NUMBER	COMPOUND NAME	RT	EST. CONC. Q
01 Unk	nown-01	13.591	6.7 J

14.909

N/A

01 02

Unknown-02 E966796<sup>2</sup>Total Alkanes

<sup>2</sup>EPA-designated Registry Number.

PREVENT MANAGE

Data contained within this report has underwinne pretiminary review but may the oublest to shenge

#### 1G - FORM I PEST PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

250K-TANKS

ab Name: MITKEM LABORATORIES	Contract:	
Lab Code: MITKEM Case No.: H2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (SOIL/SED/WATER) WATER	Lab Sample 1D:	H2170-01B
Sample wt/vol: 1000 (g/mL) ML	Lab File ID:	E5F2608F.D/E5F2608R.D
% Moisture: Decanted: (Y/N)	Date Received:	10/31/2009
Extraction: (Type) SEPF	Date Extracted:	11/03/2009
Concentrated Extract Volume: 10000 (uL)	Date Analyzed:	11/03/2009
Injection Volume: 1.0 (uL) GPC Factor: 1.00	Dilution Factor:	1.0
GPC Cleanup: (Y/N) N pH:	Sulfur Cleanup:	Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/L (ug/L or ug/Kg)	- 0
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta~BHC	0.050	α
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
19-00-2	Aldrin	0.050	σ
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	σ
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
L031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
3494-70-5	Endrin ketone	0.10	U
421-93-4	Endrin aldehyde	0.10	Û
103-71-9	alpha-Chlordane	0.050	υ
103-74-2	gamma-Chlordane	0.050	U
001-35-2	Toxaphene	5.0	Π

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F sta contained will in this report has quebeen Galiminary review but may be stilled to cleane from proving card CARD and the SW846

#### 1A - FORM I VOA-1 VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

250K-TANKS

Jab Name: MITKEM LABOR	ATORIES		Contract:	Baantan an operation of
Lab Code: MITKEM	Case No.: H	12170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (SOIL/SED/WATER	) WATER		Lab Sample ID:	H2170-01A
Sample wt/vol: 5.	00 (g/mL) M	IL	Lab File ID:	V1K8821.D
Level: (TRACE/LOW/MED)	LOW		Date Received:	10/31/2009
% Moisture: not dec.			Date Analyzed:	11/10/2009
GC Column: DB-624	ID: 0	.25 (mm)	Dilution Factor:	10.0
Soil Extract Volume:		(uL)	Soil Aliquot Vol	ume: (uL)
Purge Volume: 5.0		(mL)		

CAS NO.	COMPOUND		CONCENTRATION UNITS (ug/L or ug/Kg)	S: UG/L	0
			(		-
	Chloromethane			50	U
	Vinyl chloride			50	U
	Bromomethane			50	U
	Chloroethane			50	U
	Trichlorofluoromethane			50	U
	1,1-Dichloroethene			50	0
	Acetone			50	U
	Carbon disulfide			50	U
	Methylene chloride			50	U
156-60-5	trans-1,2-Dichloroethene			50	U
1634-04-4	Methyl tert-butyl ether			50	U
75-34-3	1,1-Dichloroethane			50	σ
108-05-4	Vinyl acetate			50	σ
78-93-3	2-Butanone			50	U
156-59-2	cis-1,2-Dichloroethene			50	U
67-66-3	Chloroform			50	σ
71-55-6	1,1,1-Trichloroethane			50	U
56-23-5	Carbon tetrachloride			50	U
107-06-2	1,2-Dichloroethane			50	U
71-43-2	Benzene			50	U
79-01-6	Trichloroethene			50	U
78-87-5	1,2-Dichloropropane			50	U
75-27-4	Bromodichloromethane			50	U
	cis-1,3-Dichloropropene			50	U
	4-Methyl-2-pentanone			50	U
108-88-3				50	Ū
10061-02-6	trans-1,3-Dichloropropene			50	U
	1,1,2-Trichloroethane			50	Ū
	Tetrachloroethene			50	U
	2-Hexanone			50	U
-	Dibromochloromethane			50	U
	Chlorobenzene			50	U
	Ethylbenzene	CARLENDER PREL	NINHARD WAS AND	50	U
	m,p-Xylene			50	U
	o-Xylene	CELEVENING VISINE	IS 1903/E 129 E 109 Mind	50	υ
4 002		Kaun pondingriling	to report has undername bey be surface to change @vale review.	SW846	

SW846

#### 1B - FORM I VOA-2 VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

250K-TANKS

ab Name: MITKEM LABORATORIES	Contract:	
Lab Code: MITKEM Case No.: H2170	Mod. Ref No.	SDG No.: SH2170
Matrix: (SOIL/SED/WATER) WATER	Lab Sample I	D: H2170-01A
Sample wt/vol: 5.00 (g/mL) ML	Lab File ID:	V1K8821.D
Level: (TRACE/LOW/MED) LOW	Date Received	d: 10/31/2009
% Moisture: not dec.	Date Analyzed	1: 11/10/2009
GC Column: DB-624 ID: 0.25	(mm) Dilution Fact	tor: 10.0
Soil Extract Volume:	(uL) Soil Aliquot	Volume:(uL)
Purge Volume: 5.0	(mL)	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I	Q
1330-20-7	Xylene (Total)	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
103-65-1	n-Propylbenzene	50	U
108-67-8	1,3,5-Trimethylbenzene	16	J
98-06-6	tert-Butylbenzene	50	U
95-63-6	1,2,4-Trimethylbenzene	33	J
135-98-8	sec-Butylbenzene	50	U
99-87-6	4-Isopropyltoluene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
104-51-8	n-Butylbenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
91-20-3	Naphthalene	50	U
110-75-8	2-Chloroethyl vinyl ether	50	U

.

ENTRY PAELEMANY

Data contained within this report has undergone proliminary review but may be subject to change seems. Donding final QA/QC review.

#### 1J - FORM I VOA-TIC VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

250K-TANKS

Jab Name: MITK	EM LABORATORIES	Contract:		
Lab Code: MITK	EM Case No.: H2170	Mod. Ref No.:	SDG No.:	SH2170
Matrix: (SOIL/S	ED/WATER) WATER	Lab Sample ID:	H2170-01A	
Sample wt/vol:	5.00 (g/mL) ML	Lab File ID:	V1K8821.D	
Level: (TRACE o	or LOW/MED) LOW	Date Received:	10/31/2009	
% Moisture: not	dec.	Date Analyzed:	11/10/2009	
GC Column: DB-	624 ID: 0.25 (mm)	Dilution Factor:	10.0	
Soil Extract Vo	lume: (uL)	Soil Aliquot Vol	ume:	(uL)
CONCENTRATION U	NITS: (ug/L or ug/Kg) UG/L	Purge Volume: 5	.0	(mL)
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	Unknown-01	3.478	97	J
5911-04-6	Nonane, 3-methyl-	11.739	76	NJ
124-18-5	Decane	12.172	420	NJ
)4	Unknown-02	12.477	57	J
17302-28-2	Nonane, 2,6-dimethyl-	12.527	97	NJ
06	Unknown-03	12.714	62	J
7	Unknown-04	13.009	88	J
8	Unknown-05	13.058	84	J
9 6975-98-0	Decane, 2-methyl-	13.098	93	NJ
	Decane, 3-methyl-	. 13.206	86	NJ
1	Unknown-06	13.570	340	J
E966796	Total Alkanes	N/A		

<sup>1</sup>EPA-designated Registry Number.

Data contained within this report has underenned publication realism bet reasy be subject to change Serveran Bending final CA/OC review.

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AHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003

LABORATORY ANALYSIS REPORT

Lead Analysis based on EPA 7000B Method

Using SLI P26 A14

ACCOUNT#:	1126-09-326	DATE COLLECTED:	10/2/2009
CLIENT:	LABELLA ASSOCIATES	DATE RECEIVED:	10/7/2009
ADDRESS:	300 STATE STREET	DATE ANALYZED:	10/13/2009
	ROCHESTER, NY 14614-1098	DATE REPORTED:	10/13/2009
PROJECT NAME:	Photech		
JOB LOCATION:	1000 Driving Prk Ave		
PROJECT NO .:	209288.03 Phase 1		
PO N0.:		Sample Type:	PAINT

SLI Sample <u>No.</u>	Client Sample No	Sample Description	Sample Wt (mg)	Total Lead (μg)*	Lead Conc (% by wt)	Lead Conc PPM
30345177	209288.03-9	Bldg 2 1st FL Red Door	198	< 20.0	< 0.010	< 101
30345178	209288.03-19	Bldg 2 2nd FL White Door	666	1,143.3	0.172	1,717
30345179	209288.03-25	Bldg 2 4th FL Res Wall	481	3,047.6	0.634	6,336
30345180	209288.03-34	Bldg 5 Red/Brown Door	637	15,427.2	2.422	24,219
30345181	209288.03-45	Bldg 17 White Door	636	< 20.0	< 0.003	< 31
Analysis Rut	n ID: 44 <b>443</b>					

Analyst: Dara L. Fox Total Number of Pages in Report: 1 Results relate only to samples as received by the laboratory.



Reviewed By Abisola O. Kasali, Analyst Visit www.slabinc.com for current certifications.

Minimum Reporting Limit: 20.0 µg. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC). 'Data precision justifies 2 significant figures. All internal QC parameters were met. Unusual sample conditions, if any, are described.

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#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account: Client: Address:	1126-09-323 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-1	098	Date/Ti C	ime Collect ime Receive Date Report eipt Temp.,	ed: 09/28/2009 ed: 10/2/2009	10:10 AM
Project Name: Project No.: Job Location:	Photech 209288.03 Ph 1		S	Sample Mat	rix: Solid	
P.O.#:	209288.03 Ph 1		<u></u>	Comula M		
Sample Description:	Membrane 6			Sample N Sample N	0.: 30333374 0.: 6 Bldg	2
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis ( Date/Time	Analyst
Polychlorinated Biph	enyls based on SW846 8082 us	sing SLI 017				
Aroclor - 1016	BQL	469	µg/kg	1	09/30/2009 5:26:00	PM SKS
Aroclor - 1221	BQL	469	µg/kg	1	09/30/2009 5:26:00	PM SKS
Araciar - 1232	BQL	469	µg/kg	1	09/30/2009 5:26:00	PM SKS
Aroclor - 1242	BQL	469	µg/kg	1	09/30/2009 5:26:00	PM SKS
Aroclor - 1248	BQL	469	µg/kg	1	09/30/2009 5:26:00	PM SKS
Aroclor - 1254	BQL	469	µg/kg	1	09/30/2009 5:26:00	PM SKS
Aroclor - 1260	BQL	469	µg/kg	1	09/30/2009 5:26:00	PM SKS
Aroclor - 1262	BQL	469	µg/kg	1	09/30/2009 5:26:00	PM SKS
Polychlorinated Biphi	enyls based on SW846 8082	Surrogate Recov	eries usin	g SLI 017		

Surrogate	Recovery
DCB	51%
TCMX	58%

Bernard Hotoeres

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. "Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI, protocol. Visit www.slabinc.com for current certifications.

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AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003 LABORATORY ANALYSIS REPORT

ACCOUNT #:	1126-09-315	DATE COLLECTED:	9/10/2009
CLIENT:	LABELLA ASSOCIATES	DATE RECEIVED:	9/17/2009
ADDRESS:	300 STATE STREET	DATE ANALYZED:	9/23/2009
	ROCHESTER, NY 14614-1098	DATE REPORTED:	9/23/2009
PROJECT NAME	E: Photech		
JOB LOCATION	:		
PROJECT NO .:	209288.03		
PO NO.:	209288.03	Sample Type:	TCLP
	12-8		

30319018 Client ID:

SLI ID:

Initial pH: 8.87

T1

Description: Chem Mix

Analyte	Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.21 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	0.43 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

#### **Total Number of Pages in Report: 4**

Results relate only to samples as received by the laboratory.

#### SLI ID: 30319021

Client ID: T4 Initial pH: 9.51 ١

Analyte	Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.22 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
	nt ID: T18 Eldaz	Descrip	otion: B2 Emulsion	Storage

Initial pH: 10.60

Analyte	Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.69 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	0.36 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

#### **Total Number of Pages in Report: 4**

Results relate only to samples as received by the laboratory.

Selenium (Se)

SLIID: 30349088	Client ID: Initial pH:		Description	Bldg 1 2nd	Floor Rm 230
Analyte Silver (Ag)		Concentration < 0.08 mg/L	Method EPA 1311/6010C	MRL** 0.04 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/i
SLI ID: 30349089	Client ID: Initial pH:	2-1 6.92	Description	: Bidg 2 Base	ement
Analyte Silver (Ag)		Concentration < 0.08 mg/L	Method EPA 1311/6010C	MRL** 0.04 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.17 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.62 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l

EPA 1311/8010C

< 0.08 mg/L

Page 3

0.04 mg/L

1.0 mg/l

**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

Page 4

SLI ID: 30349090	Client ID:	2-2	Descrip	tion: Bldg 2 1st Flo	or
	Initial pH:	9.21			
Analyte Silver (Ag)		Concentration < 0.08 mg/L	Method EPA 1311/6010C	<b>MRL**</b> 0. <b>0</b> 4 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/i
Barium (Ba)		0.35 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		0.61 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/ł
Lead (Pb)		15.99 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLI ID: 30349091	Client ID:	2-3	Descrip	tion: Bldg 2 3rd Flo	oor
	initial pH:	8.69			
Analyte Silver (Ag)		Concentration < 0.08 mg/L	Method EPA 1311/6010C	<u>MRL**</u> 0.04 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (As)		0.11 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		0.49 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/i
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.26 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l

EPA 1311/6010C

0.04 mg/L

1.0 mg/l

< 0.08 mg/L

**Total Number of Pages in Report: 13** 

Selenium (Se)

Results relate only to samples as received by the laboratory.

Page 5

SLIID: 30349092	Client ID: 2-4	Description:	Bldg 2 2nd Flo	or
	Initial pH: 7.51			
Analyte	Concentration	Method N	/RL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C 0	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C 0	).04 mg/L	5.0 mg/l
Barium (Ba)	0.15 mg/L	EPA 1311/6010C 0	).04 mg/L	100.0 mg/l
Cadmium (Cd)	0.58 mg/L	EPA 1311/6010C 0	).04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A 0.	003 mg/L	0.2 mg/l
Lead (Pb)	0.28 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLIID: 30349093	Client ID: 2-5	Description:	Bidg 2 4th Floo	Dr
	Initial pH: 7.45			
Analyte	Concentration	Method	WRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L		0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.24 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	0.09 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A 0.	.003 mg/L	0.2 mg/l

EPA 1311/6010C

EPA 1311/6010C

0.04 mg/L

0.04 mg/L

5.0 mg/l

1.0 mg/l

3.78 mg/L

< 0.08 mg/L

Total Number of Pages in Report: 13

Lead (Pb)

Selenium (Se)

Results relate only to samples as received by the laboratory.

# <u>PHOTECH</u>

# Building 3 Analytical Data

Page 6

1

SLID: 30349094	Client ID: Initial pH:	3-1 7.10	Description:	Bldg 3 Garage	8
Analyte		Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.42 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		0.42 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		0.21 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.31 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/i
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/i
SLI ID: 30349095	Client ID:	4-1	Description:	Bidg 4	
	Initial pH:	9.48			
Analyte		Concentration	Method	MAL**	Regulatory Limit
Silver (Ag)		< 0.08 mg/L	EPA 1311/6010C	0,04 mg/L	5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.71 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		0.80 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
		COLEO INGLE	2	-	•
		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Mercury (Hg) Lead (Pb)		-		_	0.2 mg/l 5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	•

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Total Number of Pages in Report: 13

Results relate only to samples as received by the laboratory.

# <u>PHOTECH</u>

# Building 4 Analytical Data

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2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • (Fax) 804-359-1475

#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account:	1126-09-327	Date/Time Collected:	10/1/2009
Client:	LABELLA ASSOCIATES	Date/Time Received:	10/7/2009
Address:	300 STATE STREET	Date Reported:	10/14/2009
	ROCHESTER, NY 14614-1098	Receipt Temp., °C:	
Project Name:	Photech	Sample Matrix:	SOLID
Project No.:	209288.03 Phase 1		
Job Location:	1000 Driving Prk Ave		
P.O.#:			
Sample		SLI Sample No.:	30345206
Description:	Vert Joint Btwn Bldg 4&6	Client Sample No .:	

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Polychlorinated Biphenyl	ls based on <u>SW646 8082</u>	using SLI 017				177 1
Aroclor - 1016	BQL	391	µg/kg	1	10/12/2009 2:01:00 P	M SKS
Aroclor - 1221	BQL	391	µg/kg	1	10/12/2009 2:01:00 P	M SKS
Aroclor - 1232	BQL	391	µg/kg	1	10/12/2009 2:01:00 P	M SKS
Aroclor - 1242	8QL	391	µg/kg	1	10/12/2009 2:01:00 P	M SKS
Aroclor - 1248	BQL	391	µg/kg	1	10/12/2009 2:01:00 P	M SKS
Aroclor - 1254	BQL	391	µg/kg	1	10/12/2009 2:01:00 P	M SKS
Aroclor - 1260	BQL	391	µg/kg	1	10/12/2009 2:01:00 P	M SKS
Aroclor - 1262	BQL	391	µg/kg	1	10/12/2009 2:01:00 P	M SKS

Polychlorinated Biphenyls based on SW846 8082 - Surrogate Recoveries using SLI 017

Surrogate	Recovery
DCB	77%
тсмх	166%

1/1

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

10:00 AM

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#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location:	1126-09-327 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-1 Photech 209288.03 Phase 1 1000 Driving Prk Ave	098	Date/Time Collected: Date/Time Received: Date Reported: Receipt Temp., °C: Sample Matrix:			10:00 AM
P.O.#:						
Sample				•	a.: 30345207	
Description:	E Side Of Bldg 4		Client	Sample No	o.: Caulk-3	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Aroclor - 1016	envis based on SW846,8082 u: BQL	320	µg/kg		10/12/2009 2:18:00	
Aroclor - 1221	BQL	320	µg/kg	1	10/12/2009 2:18:00	PM SKS
Aroclor - 1232	BQL	320	µg/kg	1	10/12/2009 2:18:00	PM SKS
Aroclor - 1242	BQL	320	µg/kg	1	10/12/2009 2:18:00	PM SKS
Aroclor - 1248	BQL	320	µg/kg	1	10/12/2009 2:18:00	PM SKS
Aroclor - 1254	BQL	320	µg/kg	1	10/12/2009 2:18:00	PM SKS
Aroclor - 1260	BQL	320	µg/kg	1	10/12/2009 2:18:00	PM SKS
Aroclor - 1262	BQL	320	µg/kg	1	10/12/2009 2:18:00	PM SKS
Polychlorinated Biph	enyls based on SW846 8082 -	Surrogate Recov	veries usin	g SLI 017		
Surrogate DCB TCMX	Recovery 115% 280%					
		Be	n ca	and the	down	0

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI, protocol. Visit www.slabinc.com for current certifications.

Account - Workorder 1			Description:	Bldg 3 Garage	Page 6
SLI ID: 30349094	Client ID:	3-1	Description:	Blog 5 Galage	2
	Initial pH:	7.10			
Analyte		Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	30.000 F F	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)		<0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.42 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		0.42 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		0.21 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.31 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/i
SLIID: 30349095	Client ID:	4-1	Description:	Bldg 4	
	initial pH:	9.48			
					Regulatory
Analyte	22920 e a	Concentration	Method	MRL**	Limit
Silver (Ag)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.71 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/i
Cadmium (Cd)		0.80 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		1.22 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

1

**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

# <u>PHOTECH</u>

# Building 5 Analytical Data

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AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003 LABORATORY ANALYSIS REPORT

Lead Analysis based on EPA 7000B Method

Using SLI P26 A14

ACCOUNT #:	1126-09-326	DATE COLLECTED:	10/2/2009
CLIENT:	LABELLA ASSOCIATES	DATE RECEIVED:	10/7/2009
ADDRESS:	300 STATE STREET	DATE ANALYZED:	10/13/2009
	ROCHESTER, NY 14614-1098	DATE REPORTED:	10/13/2009
PROJECT NAME:	: Photech		
JOB LOCATION:	1000 Driving Prk Ave		
PROJECT NO .:	209288.03 Phase 1		
PO NO.:		Sample Type:	PAINT

SLI Sample No.	Client Sample No.	Sample Description	Sample Wt (mg)	Total Lead (µg)*	Lead Conc (% by wt)	Lead Conc PPM
		and the second se	(ing)	(Pg)	(70 Dy W1)	FFIN
30345177	209288.03-9	Bldg 2 1st FL Red Door	198	< 20.0	< 0.010	< 101
30345178	209288.03-19	Bldg 2 2nd FL White Door	666	1,143.3	0.172	1,717
30345179	209288.03-25	Bldg 2 4th FL Res Wall	481	3,047.6	0.634	6,336
30345180	209288.03-34	Bldg 5 Red/Brown Door	637	15,427.2	2.422	24,219
30345181	209288.03-45	Bldg 17 White Door	636	< 20.0	< 0.003	< 31
Analysis Rur	n ID: 44443					

Analyst: Dara L. Fox **Total Number of Pages in Report: 1** Results relate only to samples as received by the laboratory.

0 -Carr Kasa

**Reviewed By** Abisola O. Kasali, Analyst Visit www.slabinc.com for current certifications.

Minimum Reporting Limit: 20.0 µg. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC). \*Data precision justifies 2 significant figures. All internal QC parameters were met. Unusual sample conditions, if any, are described.

#### 1A - FORM I VOA-1 VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOILER ROOM DRUM

Jab Name:	MITKEM LABOR	ATORIES		Contract:	Second
Lab Code:	MITKEM	Case No.:	H2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (S	OIL/SED/WATER	) WATER		Lab Sample ID:	H2170-02A
Sample wt/	vol: 5.	00 (g/mL)	ML	Lab File ID:	V1K8793.D
Level: (TR	ACE/LOW/MED)	LOW		Date Received:	10/31/2009
% Moisture	: not dec.			Date Analyzed:	11/09/2009
GC Column:	DB-624	ID:	0.25 (mm)	Dilution Factor:	100.0
Soil Extra	ct Volume:		(uL)	Soil Aliquot Vol	ume:(uL)
Purge Volu	me: 5.0		(mL)		

CAS NO.	COMPOUND		CONCENTRATION UNIT (ug/L or ug/Kg)	S: UG/L	Q
74-87-3	Chloromethane			500	- U
	Vinyl chloride	());;;;;;;;));;;;;;;;;;;;;;;;;;;;;;;;;		500	
	Bromomethane		······	500	U
	Chloroethane			500	Ū
	Trichlorofluoromethane		1	500	U
	1,1-Dichloroethene			500	U
	Acetone		1	500	U
75-15-0	Carbon disulfide			500	υ
75-09-2	Methylene chloride			500	U
	trans-1,2-Dichloroethene			500	U
1634-04-4	Methyl tert-butyl ether			500	U
75-34-3	1,1-Dichloroethane			500	υ
108-05-4	Vinyl acetate			500	U
78-93-3	2-Butanone			500	U
156-59-2	cis-1,2-Dichloroethene			500	U
67-66-3	Chloroform			500	U
71-55-6	1,1,1-Trichloroethane			500	υ
56-23-5	Carbon tetrachloride			500	U
107-06-2	1,2-Dichloroethane			500	U
71-43-2	Benzene			500	U
79-01-6	Trichloroethene			500	U
	1,2-Dichloropropane			500	υ
75-27-4	Bromodichloromethane			500	υ
10061-01-5	cis-1,3-Dichloropropene			500	U
108-10-1	4-Methyl-2-pentanone			500	σ
108-88-3	Toluene			500	U
10061-02-6	trans-1,3-Dichloropropene			500	U
	1,1,2-Trichloroethane			500	U
	Tetrachloroethene			160	J
591-78-6	2-Hexanone			500	U
	Dibromochloromethane		38)	500	U
	Chlorobenzene	Internet Contractor	TITLEN PROFESSION	500	U
100-41-4	Ethylbenzene	The state of the second s	10011000000000000000000000000000000000	500	U
	m,p-Xylene	Bala marainad willion	this conort has undersone	130	J
95-47-6	o-Xylene	Aralliminany realientiens	may the autiliest to change	500	ט

SOM\_002

SW846

#### 1B - FORM I VOA-2 VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOILER ROOM DRUM

_ab Name:	MITKEM LABOR.	ATOR	IES			Contract:	
Lab Code:	MITKEM	Cas	e No.:	H2170		Mod. Ref No.:	SDG No.: SH2170
Matrix: (So	OIL/SED/WATER	() (	WATER			Lab Sample ID:	H2170-02A
Sample wt/	vol: 5.	00	(g/mL)	ML		Lab File ID:	V1K8793.D
Level: (TR	ACE/LOW/MED)	LOW	I			Date Received:	10/31/2009
% Moisture	: not dec.					Date Analyzed:	11/09/2009
GC Column:	DB-624		ID:	0.25	(mm)	Dilution Factor:	100.0
Soil Extra	ct Volume:				(uL)	Soil Aliquot Volu	ume: (uL)
Purge Volu	me: 5.0				(mL)		

		CONCENTRATION UNITS:	0
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
1330-20-7	Xylene (Total)	130	J
100-42-5	Styrene	500	υ
75-25-2	Bromoform	500	υ
98-82-8	Isopropylbenzene	500	σ
79-34-5	1,1,2,2-Tetrachloroethane	500	U
103-65-1	n-Propylbenzene	500	σ
108-67-8	1,3,5-Trimethylbenzene	500	υ
98-06-6	tert-Butylbenzene	500	α
95-63-6	1,2,4-Trimethylbenzene	170	J
135-98-8	sec-Butylbenzene	500	U
99-87-6	4-Isopropyltoluene	500	ט
541-73-1	1,3-Dichlorobenzene	500	ט
106-46-7	1,4-Dichlorobenzene	500	U
104-51-8	n-Butylbenzene	500	U
95-50-1	1,2-Dichlorobenzene	500	U
91-20-3	Naphthalene	500	U
110-75-8	2-Chloroethyl vinyl ether	500	U

PREIMINARY WARRANG

Data-contained within this report has undergone preliminary roview but may be subject to shange pending final CA/21C review.

#### 1J - FORM I VOA-TIC VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO. BOILER ROOM DRUM

1

.ab Name: MITH	EM LABORATO	RIES		Con	tract:			
Lab Code: MITH	EM Ca	se No.:	H2170	Mod	. Ref No.:	SDG No.:	SH217	70
Matrix: (SOIL/S	ED/WATER)	WATER		Lab	Sample ID:	H2170-02A		
Sample wt/vol:	5.00	(g/mL)	ML	Lab	File ID:	V1K8793.D		
Level: (TRACE o	or LOW/MED)	LOW		Dat	e Received:	10/31/2009		
% Moisture: not	dec.	8		Dat	e Analyzed:	11/09/2009		
GC Column: DB-	624	ID:	0.25 (mm)	Dil	ution Factor	: 100.0		
Soil Extract Vo	lume:		(uL)	Soi	l Aliquot Vo	lume:		(uL)
CONCENTRATION U	NITS: (ug/L	or ug/K	lg) UG/L	Pur	ge Volume: 5	.0		(mL)
CAS NUMBER	(	COMPOUND	NAME		RT	EST. CONC.	1	Q
01	Unknown-01				3.478	990	J	
E96679€	<sup>1</sup> Total Alkar	les			N/A			

<sup>1</sup>EPA-designated Registry Number.

Constitution: PREVIMINARY

Data contained within this report has undergone publicitory review but may be subject to change measures. Pending final QA/QC review.

SLI ID:	30349096	Client ID:	5-1	Descr	iption: Bldg 5	
		Initial pH:	8.25			
<b>Analyte</b> Silver (Ag	g)	¥ 46 50	Concentration < 0.08 mg/L	Method EPA 1311/6010C	MRL** 0.04 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (	As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (f	3a)		0.19 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium	n (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromiur	m (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/i
Mercury (	(Hg)		<0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb	)		0.09 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium	ı (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLI ID:	30349097	Client ID:	6-1	Descr	iption: Bldg 6	
		Initial pH:	8.10			
Analyte Silver (Ag	g)	21 (B) -	Concentration < 0.08 mg/L	Method EPA 1311/6010C	MRL** 0.04 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (	As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (I	Ba)		0.62 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/i
Cadmium	n (Cd)		5.10 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromiu	m (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury	(Hg)		<0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/ł
Lead (Pb	)		0.31 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium	n (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

#### **Total Number of Pages in Report: 13**

Results relate only to samples as received by the laboratory.

# <u>PHOTECH</u>

# Building 6 Analytical Data

Client ID: 5-1

30349096

SLI ID:

Chromium (Cr)

Mercury (Hg)

Selenium (Se)

Lead (Pb)

Initial pH: 8.25 Regulatory MRL\*\* Limit Concentration Analyte Method 0.04 mg/L 5.0 mg/l < 0.08 mg/L EPA 1311/6010C Silver (Ag) < 0.08 mg/L 0.04 mg/L 5.0 mg/l EPA 1311/6010C Arsenic (As) 100.0 mg/l 0.04 mg/L EPA 1311/6010C Barium (Ba) 0.19 mg/L 0.04 mg/L 1.0 mg/l Cadmium (Cd) < 0.08 mg/L EPA 1311/6010C 0.10 mg/L 5.0 mg/l EPA 1311/6010C < 0.20 mg/L Chromium (Cr) 0.003 mg/L 0.2 mg/l Mercury (Hg) < 0.006 mg/L EPA 1311/7470A 0.04 mg/L 5.0 mg/l 0.09 mg/L EPA 1311/6010C Lead (Pb) 0.04 mg/L 1.0 mg/l EPA 1311/6010C Selenium (Se) < 0.08 mg/L Bldg 6 SLIID: 30349097 Client ID: 6-1 Description: Initial pH: 8.10 Regulatory MRL\*\* Limit Analyte Concentration Method < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l Silver (Ag) 0.04 mg/L 5.0 mg/l < 0.08 mg/L EPA 1311/6010C Arsenic (As) 0.62 mg/L EPA 1311/6010C 0.04 mg/L 100.0 mg/l Barium (Ba) 0.04 mg/L 1.0 mg/l EPA 1311/6010C 5.10 mg/L Cadmium (Cd)

EPA 1311/6010C

EPA 1311/7470A

EPA 1311/6010C

EPA 1311/6010C

< 0.20 mg/L

< 0.006 mg/L

0.31 mg/L

< 0.08 mg/L

Description: Bldg 5

0.10 mg/L

0.003 mg/L

0.04 mg/L

0.04 mg/L

5.0 mg/l

0.2 mg/l

5.0 mg/l

1.0 mg/l

#### **Total Number of Pages in Report: 13**

Results relate only to samples as received by the laboratory.

Equivalent units: ppm = mg/l or μg/ml; ppb = μg/l. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justilies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

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#### INCORPORATED

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#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location: P.O.#:	1126-09-329 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-1 Photech 209288 1000 Driving Park 209288 Phase 26	Date/Time Collected: Date/Time Received: Date Reported: 1098 Receipt Temp., °C: Sample Matrix:		ed: 10/17/2009 ed: 10/26/2009 °C: 7 rix: OIL	9:45 AM	
Sample Description:	Transformer Liquid			Sample N Sample N	lo.: 30358286 lo.: 1	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Polychlorinated Biph	enyls based on SW846 8082 us	sina SLI O17				
Aroclor - 1016	BQL	485	µg/kg	1	10/26/2009 11:48:00	DA SKS
Aroclor - 1221	BQL	485	µg/kg	1	10/26/2009 11:48:00	A SKS
Aroclor - 1232	BQL	485	µg/kg	1	10/26/2009 11:48:00	A SKS
Aroclor - 1242	BQL	485	µg/kg	1	10/26/2009 11:48:00	DA SKS
Aroclor - 1248	BQL	485	µg/kg	1	10/26/2009 11:48:00	DA SKS
Arocior - 1254	BQL	485	µg/kg	1	10/26/2009 11:48:00	A SKS
Aroclor - 1260	BQL	485	µg/kg	1	10/26/2009 11:48:00	DA SKS
Aroclor - 1262	BQL	485	µg/kg	1	10/26/2009 11:48:00	DA SKS
Polychlorinated Biph	enyls based on SW846 8082 -	- Surrogate Recov	eries usin	g SLI 017		
Surrogate	Recovery					
DCB TCMX	248% 110%					
					_	
STARS (Spill Technol Acenaphthene	ogy And Remediation Series) BQL	- Semivolatile Col 754150	pounds i µg/kg	using SLI 01	5 10/26/2009 12:46:00	DP SKS
Anthracene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	
Benz(a)anthracene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	
Benzo(b)fluoranthe		754150	µg/kg	1	10/26/2009 12:46:00	
Benzo(k)fluoranthe		754150	µg/kg	1	10/26/2009 12:46:00	
Benzo(g,h,i)perylen		754150	µg/kg	1	10/26/2009 12:46:00	
Benzo(a)pyrene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	
Chrysene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	
Dibenz(a,h)anthrac		754150	µg/kg	1	10/26/2009 12:46:00	
Fluoranthene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	
Fluorene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	
Indeno(1,2,3-cd)pyr		754150	µg/kg	1	10/26/2009 12:46:00	
Phenanthrene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	
Pyrene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	
.,			1.9.1.9			

Sample			SLI	Sample N	lo.: 30358286	
Description:	Transformer Liquid		Client	Sample N	<b>lo.:</b> 1	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
STARS (Spill Technol	ogy And Remediation Series	) - Semivolatile Con	npounds	Surrogate	Recoveries using SLI	-
Surrogate	Recovery					
2-Fluorobiphenyl	0%					
2-Fluorophenol	0%					
Nitrobenzene d-5	0%					
Phenol d-5	0%					
Terphenyl d-14	0%					
2,4,6-Tribromophen	ol 0%					
STARS (Spill Technol	ogy And Remediation Series	) - Volatile Compou	inds using	SLI 014		
Велгепе	BQL	50	µg/kg	50	10/26/2009 11:48.00	A SKS
n-Butylbenzene	BQL.	50	µg/kg	50	10/26/2009 11:48:00	A SKS
sec-Butylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
tert-Butylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
Ethylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
lsopropylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
p-Isopropyltoluene	BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
Naphthalene	BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
n-Propylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
Toluene	BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
1,2,4-Trimethylbenz	ene BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
1,3,5-Trimethylbenz	ene BQL	50	µg/kg	50	10/26/2009 11:48:00	A SKS
m-,p-Xylene	BQL	200	µg/kg	50	10/26/2009 11:48:00	A SKS
o-Xylene	BQL	100	µg/kg	50	10/26/2009 11:48:00	A SKS
STARS (Spill Technol	ogy And Remediation Series	) - Volatile Compou	ınds Su	irrogate Rec	overies using SLI 014	_
Surrogate	Recovery					
Dibromofluorometha						
1,2-Dichloroethane						
Toluene d-8	94%					
4-Bromofluorobenze	ene 96%					

esta B. 1000

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

# <u>PHOTECH</u>

# Building 7 Analytical Data

#### SLI ID: 30319019 **Client ID:** T2 Initial pH: 11.26

**Description:** Coating Rm

Analyte	C	concentration	Method	MRL	**	Regulatory Limit
Silver (Ag)	•	< 0.08 mg/L	EPA 1311/6010C	0.04	mg/L	5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04	mg/L	5.0 mg/l
Barium (Ba)		0.59 mg/L	EPA 1311/6010C	0.04	mg/L	100.0 mg/l
Cadmium (Cd)		0.25 mg/L	EPA 1311/6010C	0.04	mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10	mg/L	5.0 mg/l
Mercury (Hg)	<	0.006 mg/L	EPA 1311/7470A	0.003	mg/L	0.2 mg/l
Lead (Pb)		< 0.08 mg/L	EPA 1311/6010C	0.04	mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04	mg/L	1.0 mg/l
SLI ID: 30319020	Client ID: T3 Initial pH: 10	3 Bldg 12 ).21 g	Des	scription: B12		

Regulatory MRL\*\* Analyte Concentration Method Limit Silver (Ag) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l < 0.08 mg/L 0.04 mg/L 5.0 mg/l Arsenic (As) EPA 1311/6010C 0.04 mg/L 100.0 mg/l Barium (Ba) 0.25 mg/L EPA 1311/6010C 1.0 mg/l Cadmium (Cd) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L Chromium (Cr) < 0.20 mg/L EPA 1311/6010C 0.10 mg/L 5,0 mg/l < 0.006 mg/L 0.003 mg/L 0.2 mg/l Mercury (Hg) EPA 1311/7470A EPA 1311/6010C 0.04 mg/L Lead (Pb) < 0.08 mg/L 5.0 mg/l < 0.08 mg/L EPA 1311/6010C 0.04 mg/L Selenium (Se) 1.0 mg/l

#### **Total Number of Pages in Report: 4**

Results relate only to samples as received by the laboratory.

Equivalent units:  $ppm = mg/l \text{ or } \mu g/ml$ ;  $ppb = \mu g/l$ . \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

SLIID: 30349098	Client ID: 7	7-1	Description	: Bidg 7	
	Initial pH: 8	3.81			
Analyte Silver (Ag)	s	Concentration < 0.08 mg/L	Method EPA 1311/6010C	MRL** 0.04 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L.	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.15 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLI ID: 30349099	Client ID: 9	9-1	Description	n: Bldg 9	
	Initial pH: 8	3.14			
Analyte Silver (Ag)		Concentration < 0.08 mg/L	Method EPA 1311/6010C	MRL** 0.04 mg/L	<b>Regulatory</b> Limit 5.0 mg/l
Arsenic (As)		<0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.40 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
				0.40	5 A
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Chromium (Cr) Mercury (Hg)		< 0.20 mg/L < 0.006 mg/L	EPA 1311/6010C EPA 1311/7470A	0.10 mg/L 0.003 mg/L	5.0 mg/i 0.2 mg/l
• •		-		•	-

**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

Equivalent units:  $ppm = mg/l \text{ or } \mu g/ml$ ;  $ppb = \mu g/l$ . \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

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# <u>PHOTECH</u>

# Building 8, 9 & 10 Analytical Data

### 1A - FORM I VOA-1 VOLA

CLIENT SAMPLE NO.

	ATILE ORGA	ANICS	ANALYSIS	DATA	SHEET
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BUILDING 8

lab Name:	MITKEM LABOR	ATORIES		Contract:	
Lab Code:	MITKEM	Case No.:	H2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (S	OIL/SED/WATEF	() WATER		Lab Sample ID:	H2170-03A
Sample wt/	vòl: 5.	00 (g/mL)	ML	Lab File ID:	V1K8794.D
Level: (TR	ACE/LOW/MED)	LOW		Date Received:	10/31/2009
% Moisture	: not dec.			Date Analyzed:	11/09/2009
GC Column:	DB-624	ID:	0.25 (m	n) Dilution Factor:	1000.0
Soil Extra	ct Volume:		(u)	L) Soil Aliquot Vol	ume:(uL)
Purge Volu	me: 5.0		(m)	ն)	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	0
AS NO.	COMPOUND		-
74-87-3	Chloromethane	5000	σ
75-01-4	Vinyl chloride	5000	υ
74-83-9	Bromomethane	5000	υ
	Chloroethane	5000	υ
75-69-4	Trichlorofluoromethane	5000	σ
75-35-4	1,1-Dichloroethene	5000	υ
67-64-1	Acetone	5000	σ
75-15-0	Carbon disulfide	5000	υ
75-09-2	Methylene chloride	5000	ט
156-60-5	trans-1,2-Dichloroethene	5000	υ
1634-04-4	Methyl tert-butyl ether	5000	U
75-34-3	1,1-Dichloroethane	5000	υ
	Vinyl acetate	5000	U
78-93-3	2-Butanone	5000	U
156-59-2	cis-1,2-Dichloroethene	5000	U
67-66-3	Chloroform	5000	U
71-55-6	1,1,1-Trichloroethane	5000	U
56-23-5	Carbon tetrachloride	5000	U
107-06-2	1,2-Dichloroethane	5000	U
71-43-2	Benzene	5000	U
79-01-6	Trichloroethene	5000	U
78-87-5	1,2-Dichloropropane	5000	U
75-27-4	Bromodichloromethane	5000	U
10061-01-5	cis-1,3-Dichloropropene	5000	U
108-10-1	4-Methyl-2-pentanone	5000	U
108-88-3	Toluene	5000	U
10061-02-6	trans-1,3-Dichloropropene	5000	ט
	1,1,2-Trichloroethane	5000	U
127-18-4	Tetrachloroethene	5000	U
591-78-6	2-Hexanone	5000	U
124-48-1	Dibromochloromethane	5000	ט
108-90-7	Chlorobenzene	5000	U
100-41-4	Ethylbenzene	neg within this report has undergone 3500	J
	m,p-Xylene	ned will in the report has undergone 3500 Follow but may be unbject to change 44000 Ending find Course the unit of the second	
	o-Xylene	26000 26000	

### 1B - FORM I VOA-2 VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BUILDING 8

Lab Name: MITKEM LABO	RATORIES		Contract:	
Lab Code: MITKEM	Case No.:	H2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (SOIL/SED/WATE	R) WATER		Lab Sample ID:	H2170-03A
Sample wt/vol: 5	.00 (g/mL)	ML	Lab File ID:	V1K8794.D
Level: (TRACE/LOW/MED)	LOW		Date Received:	10/31/2009
% Moisture: not dec.			Date Analyzed:	11/09/2009
GC Column: DB-624	ID:	0.25 (mm)	Dilution Factor:	1000.0
Soil Extract Volume:		(uL)	Soil Aliquot Vol	ume:(uL)
Purge Volume: 5.0		(mL)		12

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q		
1330-20-7	Xylene (Total)	70000			
100-42-5	Styrene	5000	U		
75-25-2	Bromoform	5000	U		
98-82-8	Isopropylbenzene	8600			
79-34-5	1,1,2,2-Tetrachloroethane	5000	U		
103-65-1	n-Propylbenzene	5000	υ		
108-67-8	1,3,5-Trimethylbenzene	170000			
98-06-6	tert-Butylbenzene	20000			
95-63-6	1,2,4-Trimethylbenzene	250000	E		
135-98-8	sec-Butylbenzene	14000			
99-87-6	4-Isopropyltoluene	5000	σ		
541-73-1	1,3-Dichlorobenzene	5000	ט		
106-46-7	1,4-Dichlorobenzene	5000 U			
104-51-8	n-Butylbenzene	30000			
95-50-1	1,2-Dichlorobenzene	5000	U		
91-20-3	Naphthalene	3200	J		
110-75-8 2-Chloroethyl vinyl ether		5000	U		

PRELIMINARY MARKEN

Data contained within this report has undergone proliminary ravisw but rasy to excluse to change pending final CA/AC review,

22

### 1J - FORM I VOA-TIC VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

BUILDING 8

Lab Name: MITKEM LABORATC	RIES	Contract:	L	
Lab Code: MITKEM Ca	ase No.: H2170	Mod. Ref No.:	SDG No.:	SH2170
Matrix: (SOIL/SED/WATER)	WATER	Lab Sample ID:	H2170-03A	
Sample wt/vol: 5.00	(g/mL) ML	Lab File ID:	V1K8794.D	
Level: (TRACE or LOW/MED)	LOW	Date Received:	10/31/2009	
% Moisture: not dec.		Date Analyzed:	11/09/2009	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor	: 1000.0	
Soil Extract Volume:	(uL)	Soil Aliquot Vo	lume:	(uL)
CONCENTRATION UNITS: (ug/I	or ug/Kg) UG/L	Purge Volume: 5	5.0	(mL)
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01 Unknown-01		10.520	1000000	J
02 Unknown-02		10.854	370000	J
03 5911-04-6 Nonane, 3-	methyl-	11.140	450000	NJ
04 Unknown-03		11.268	410000	J
05 Unknown-04		11.514	460000	J
06 Unknown-05		11.603	620000	J
07 871-83-0 Nonane, 2-	methyl-	11.632	520000	NJ
0.0 <u>5011 04 6 17</u> 0		3.3 7.60	5 6 0 0 0 0	N 7 1

80	5911-04-6	Nonane, 3-methyl-	11.760	
Э	124-18-5		12.203	
10		Unknown-06	12.715	
11	1678-93-9	Cyclohexane, butyl-	12.873	
12		Unknown-07	13.582	
	E96679€1	Total Alkanes	N/A	
	1EDA decient	tod Pogiatry Number		

<sup>1</sup>EPA-designated Registry Number.

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	U.S.	EPA - CLP	
		1	EPA SAMPLE NO.
	INORGANIC AN	ALYSIS DATA SHEET	BUILDING 8
ib Name:	Mitkem Laboratories	Contract: Pho-	Tech
Lab Code:	MITKEM Case No.:	SAS No.:	SDG No.: SH2170
Matrix (soi	l/water): WATER	Lab Sample ID:	H2170-03
Level (low/	med): MED	Date Received:	10/31/2009
% Solids: (	0.0		

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.8	В		P
7440-39-3	Barium	11.3	В		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	6.1	В		P
7439-92-1	Lead	29.4			P
7439-97-6	Mercury	0.47			CV
7782-49-2	Selenium	10.0	υ		P
7440-22-4	Silver	15.3	В		P



SLI ID: 30349098 Client ID: 7-1 **Description:** Bidg 7 Initial pH: 8.81 Regulatory MRL\*\* Concentration Method Limit Analyte < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l Silver (Ag) 0.04 mg/L 5.0 mg/l Arsenic (As) < 0.08 mg/L EPA 1311/6010C Barium (Ba) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 100.0 mg/l < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/l Cadmium (Cd) 0.10 mg/L 5.0 mg/l Chromium (Cr) < 0.20 mg/L EPA 1311/6010C < 0.006 mg/L EPA 1311/7470A 0.003 mg/L 0.2 mg/l Mercury (Hg) 0.04 mg/L 5.0 mg/l Lead (Pb) 0.15 mg/L EPA 1311/6010C Selenium (Se) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/l Bldg 9 SLI ID: 30349099 Client ID: 9-1 **Description:** Initial pH: 8.14 Regulatory MRL\*\* Limit Analyte Concentration Method Silver (Ag) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l Arsenic (As) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l Barium (Ba) 0.40 mg/L EPA 1311/6010C 0.04 mg/L 100.0 mg/l Cadmium (Cd) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/l Chromium (Cr) < 0.20 mg/L 0.10 mg/L 5.0 mg/l EPA 1311/6010C 0.003 mg/L < 0.006 mg/L EPA 1311/7470A 0.2 mg/l Mercury (Hg) Lead (Pb) 0.04 mg/L 0.15 mg/L EPA 1311/6010C 5.0 mg/l Selenium (Se) < 0.08 mg/l\_ 0.04 mg/l EPA 1311/6010C 1.0 mg/l

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**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

Equivalent units:  $ppm = mg/l \text{ or } \mu g/ml$ ;  $ppb = \mu g/l$ . \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

SLI ID: 30349100	Client ID:	10-1	Desc	cription: Bldg 10	
	Initial pH:	9.01			
Analyte Silver (Ag)	<del></del> •	Concentration < 0.08 mg/L	Method EPA 1311/6010C	<u>MRL</u> ** 0.04 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.56 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/i
Cadmium (Cd)		0.13 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		0.47 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.12 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLIID: 30349101	Client ID:	11-1	Dese	cription: Bldg 11 Base	ement
	Initial pH:	9.58			
Analyte		Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	Man (44) 6 (1)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)		<0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.29 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.11 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

Equivalent units: ppm = mg/l or μg/ml; ppb = μg/l. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

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# <u>PHOTECH</u>

Building 11 Analytical Data

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#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name:	1126-09-323 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-19 Photech	Date/T D Rece	ime Collecte ime Receive late Reporte lipt Temp., ° sample Matri	d: 09/28/2009 d: 10/2/2009 C:	10:1	0 AM	
Project No.: Job Location:	209288.03 Ph 1						
P.O.#: Sample	209288.03 Ph 1			•	o.: 30333372	: 1	
Description:	Membrane 3		Client	Sample No	n: 3 Bldg	II.	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis <sup>U</sup> Date/Time	Ana	lyst
Polychlorinated Biph	enyis based on SW846 8082 us	sing SLI 017					
Aroclor - 1016	BQL	408	µg/kg	1	09/30/2009 4:52:00	PM	SKS
Aroclor - 1221	BQL	408	µg/kg	1	09/30/2009 4:52:00	PM	SKS
Aroclor - 1232	BQL	408	µg/kg	1	09/30/2009 4:52:00	PM	SKS
Aroclor - 1242	BQL	408	µg/kg	1	09/30/2009 4:52:00	PM	SKS
Aroclor - 1248	BQL	408	µg/kg	1	09/30/2009 4:52:00	PM	SKS
Aroclor - 1254	BQL	408	µg/kg	1	09/30/2009 4:52:00	PM	SKS
Aroclor - 1260	BQL	408	µg/kg	1	09/30/2009 4:52:00	PM	SKS
Aroclor - 1262	BQL	408	µg/kg	1	09/30/2009 4:52:00	PM	SKS
Polychlorinated Biph	enyls based on SW846 8082	Surrogate Recov	eries usin	g SLI 017			
Surrogate DCB	Recovery 102%						

Bernard Hotocraf

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account: Client: Address:	1126-09-323 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-10	QR	Date/T	me Collecto ime Receivo ate Reporto ipt Temp.,	ed: ed:	09/22/2009 09/28/2009 10/2/2009	10:	:10 AM
Project Name: Project No.: Job Location:	Photech 209288.03 Ph 1	90		ample Mat		SOLID		
P.O.#:	209288.03 Ph 1		<u>c</u>	Comple N		20222274		
Sample Description:	Mambrane 2			•		30333371 2 RL	1	1
Description.	Membrane 2		Client	Sample N	0	2 Bide	1 '	(
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor		Analysis Date/Time	Ar	nalyst
	14 - 11	×.		ŝ				
Polychlorinated Biph	enyls based on SW846 8082 usi	ng SLI 017						
Arocior - 1016	BQL	445	µg/kg	1	09/3	30/2009 4:35:00	ΡM	SKS
Aroclor - 1221	BQL	445	µg/kg	1	09/3	30/2009 4:35:00	PM	SKS
Aroclor - 1232	BQL	445	µg/kg	1	09/3	30/2009 4:35:00	PM	SKS
Aroclor - 1242	BQL	445	µg/kg	1	09/3	30/2009 4:35:00	PM	SKS
Aroclor - 1248	BQL	445	µg/kg	1	09/:	30/2009 4:35:00	PM	SKS
Arocior - 1254	BQL	445	µg/kg	1	09/3	30/2009 4:35:00	PM	SKS
Aroclor - 1260	BQL	445	µg/kg	1	09/3	30/2009 4:35:00	PM	SKS
Aroclor - 1262	BQL	445	µg/kg	1	09/3	30/2009 4:35:00	РМ	SKS
Polychlorinated Biph	enyls based on SW846 8082	Surrogate Recov	veries usin	g SLI 017				
Surrogate	Recovery							

Surrogate	Recovery
DCB	107%
TCMX	113%

Bernard + formand

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

0.00

	U.S. E	PA - CLP			
		1		EPA SAM	PLE NO.
	INORGANIC ANAL	LYSIS DATA SHE	ET	DRYWELL SE	D.
b Name: Mitkem Labor	ratories	Contract:	209288.03		
Lab Code: MITKEM	Case No.:	SAS No.:		SDG No.:	SH1940TCLP
Matrix (soil/water): V	VATER	Lab Sample I	D: H1940-0	1	
Level (low/med): MED		Date Receive	d: 10/03/2	009	
% Solids: 0.0					

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.9	В		P
7440-39-3	Barium	649			P
7440-43-9	Cadmium	700			P
7440-47-3	Chromium	3.5	в		P
7439-92-1	Lead	762			P
7439-97-6	Mercury	0.056	в		CV
7782-49-2	Selenium	10.0	υ		P
7440-22-4	Silver	2.4	U		P

Comments:

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ISM\_005

FORM I - IN

SW846

SLIID: 30349100	Client ID:	10-1	Desci	ription: Bldg 10	
	Initial pH:	9.01			
			<b>10</b> - 11 - 1		Regulatory Limit
Analyte Silver (Ag)	1443044	Concentration < 0.08 mg/L	Method EPA 1311/6010C	<u>MRL**</u> 0.04 mg/L	5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.56 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/i
Cadmium (Cd)		0.13 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		0.47 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.12 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLIID: 30349101	Client ID:	11-1	Desc	ription: Bldg 11 Base	ement
	Initial pH:	9.58			
Analyte		Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	1999 - 1999 - 1999 1999 - 1999 - 1999 1999 - 1999 - 1999 - 1999	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)		0.29 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)		< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)		< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)		0.11 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Oslashum (Os)		< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Selenium (Se)		< 0.00 mg/L		0.0 1 mg/=	

#### **Total Number of Pages in Report: 13**

Results relate only to samples as received by the laboratory.

Equivalent units:  $ppm = mg/l \text{ or } \mu g/ml$ ;  $ppb = \mu g/l$ . \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

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**Description:** Bldg 11 1st Floor SLI ID: 30349102 Client ID: 11-2 Initial pH: 5.90 Regulatory MRL\*\* Limit Analyte Concentration Method 5.0 mg/l 0.04 mg/L Silver (Ag) < 0.08 mg/L EPA 1311/6010C 5.0 mg/l < 0.08 mg/L EPA 1311/6010C 0.04 mg/L Arsenic (As) 0.67 mg/L EPA 1311/6010C 0.04 mg/L 100.0 mg/l Barium (Ba) 0.04 mg/L 1.0 mg/l EPA 1311/6010C Cadmium (Cd) 0.19 mg/L 5.0 mg/l 0.10 mg/L Chromium (Cr) < 0.20 mg/L EPA 1311/6010C 0.003 mg/L 0.2 mg/l EPA 1311/7470A < 0.006 mg/L Mercury (Hg) 0.04 mg/L 5.0 mg/l 1.64 mg/L EPA 1311/6010C Lead (Pb) 1.0 mg/l < 0.08 mg/L EPA 1311/6010C 0.04 mg/L Selenium (Se) Bldg 12 Description: 12-1 SLIID: 30349103 **Client ID:** Initial pH: 8.90 Regulatory MRL\*\* Limit Concentration Method Analyte 0.04 mg/L 5.0 mg/l < 0.08 mg/L EPA 1311/6010C Silver (Ag) 0.04 mg/L 5.0 mg/l < 0.08 mg/L EPA 1311/6010C Arsenic (As) 0.04 mg/L 100.0 mg/l 0.30 mg/L EPA 1311/6010C Barium (Ba) 0.04 mg/L 1.0 mg/l 0.22 mg/L EPA 1311/6010C Cadmium (Cd)

EPA 1311/6010C

EPA 1311/7470A

EPA 1311/6010C

EPA 1311/6010C

< 0.20 mg/L

< 0.006 mg/L

0.17 mg/L

< 0.08 mg/L

0.10 mg/L

0.003 mg/L

0.04 mg/L

0.04 mg/L

5.0 mg/l

0.2 mg/l

5.0 mg/l

1.0 mg/l

**Total Number of Pages in Report: 13** 

Chromium (Cr)

Mercury (Hg)

Selenium (Sc)

Lead (Pb)

Results relate only to samples as received by the laboratory.

Equivalent units: ppm = mg/l or μg/ml; ppb = μg/l. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

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# <u>PHOTECH</u>

# Building 12 Analytical Data

SLI ID:

30319019 Client ID: T2 ac Initial pH: 11.26

**Description:** Coating Rm

Analyte	Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.59 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	0.25 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLI ID: 30319020 Cl	ient ID: T3 Bldg, 17	Dese	cription: B12	
Ini	tial pH: 10.21			

Regulatory Concentration MRL\*\* Limit Method Analyte EPA 1311/6010C 0.04 mg/L 5.0 mg/l Silver (Ag) < 0.08 mg/L 0.04 mg/L 5.0 mg/l Arsenic (As) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 100.0 mg/l Barium (Ba) 0.25 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/l Cadmium (Cd) < 0.08 mg/L EPA 1311/6010C < 0.20 mg/L EPA 1311/6010C 0.10 mg/L 5.0 mg/l Chromium (Cr) 0.003 mg/L 0.2 mg/l Mercury (Hg) < 0.006 mg/L EPA 1311/7470A < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l Lead (Pb) 0.04 mg/L 1.0 mg/l Selenium (Se) < 0.08 mg/L EPA 1311/6010C

**Total Number of Pages in Report: 4** 

Results relate only to samples as received by the laboratory.

Equivalent units: ppm = mg/l or μg/ml; ppb = μg/l. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

**Description:** Bidg 11 1st Floor SLI ID: 30349102 Client ID: 11-2 Initial pH: 5.90 Regulatory MRL\*\* Limit Analyte Concentration Method 5.0 mg/l Silver (Ag) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 5.0 mg/l Arsenic (As) 0.04 mg/L 100.0 mg/l Barium (Ba) 0.67 mg/L EPA 1311/6010C 1.0 mg/l 0.04 mg/L Cadmium (Cd) 0.19 mg/L EPA 1311/6010C 0.10 mg/L 5.0 mg/l Chromium (Cr) < 0.20 mg/L EPA 1311/6010C 0.003 mg/L 0.2 mg/l EPA 1311/7470A < 0.006 mg/L Mercury (Hg) 0.04 mg/L 5.0 mg/l EPA 1311/6010C Lead (Pb) 1.64 mg/L < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/l Selenium (Se) Bidg 12 SLI ID: 30349103 Description: 12-1 Client ID: Initial pH: 8.90 Regulatory MRL\*\* Limit Analyte Concentration Method 5.0 mg/l < 0.08 mg/L EPA 1311/6010C 0.04 mg/L Silver (Ag) 0.04 mg/L 5.0 mg/l < 0.08 mg/L EPA 1311/6010C Arsenic (As) 100.0 mg/l 0.04 mg/L EPA 1311/6010C 0.30 mg/L Barium (Ba) 1.0 mg/l 0.22 mg/L EPA 1311/6010C 0.04 mg/L

EPA 1311/6010C

EPA 1311/7470A

EPA 1311/6010C

EPA 1311/6010C

< 0.20 mg/L

< 0.006 mg/L

0.17 mg/L

< 0.08 mg/L

**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

Equivalent units: ppm = mg/l or µg/ml; ppb = µg/l. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

5.0 mg/l

0.2 mg/l

5.0 mg/l

1.0 mg/i

0.10 mg/L

0.003 mg/L

0.04 mg/L

0.04 mg/L

Cadmium (Cd) Chromium (Cr)

Mercury (Hg)

Selenium (Se)

Lead (Pb)

# <u>PHOTECH</u>

# Building 16 Analytical Data

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#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.; Job Location:	1126-09-323 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-10 Photech 209288.03 Ph 1	998	Date/T Date/T	me Collecte ime Receive date Reporte dipt Temp., ° Gample Matri	d: 09/28/2009 d: 10/2/2009 C:	10:10 AM
P.O.#:	209288.03 Ph 1					
Sample			SLI	Sample No	o.: 303333376	15
Description:	Membrane 5		Client	Sample No	D.: 5 Bldg	-16
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis 🕖 Date/Time	Analyst
Polychlorinated Biphe	enyls based on SW846 8082 usi	ing SLI 017				
Aroclor - 1016	BQL	422	µg/kg	1	09/30/2009 6:00:00	PM SKS
Aroclor - 1221	BQL	422	µg/kg	1	09/30/2009 6:00:00	PM SKS
Aroclor - 1232	BQL	422	µg/kg	1	09/30/2009 6:00:00	PM SKS
Aroclor - 1242	BQL	422	µg/kg	1	09/30/2009 6:00:00	PM SKS
Aroclor - 1248	BQL	422	µg/kg	1	09/30/2009 6:00:00	PM SKS
Aroclor - 1254	BQL	422	µg/kg	1	09/30/2009 6:00:00	PM SKS
Aroclor - 1260	BQL	422	µg/kg	1	09/30/2009 6:00:00	PM SKS
Aroclor - 1262	BQL	422	µg/kg	1	09/30/2009 6:00:00	PM SKS
Polychlorinated Biph	enyls based on SW846 8082	Surrogate Recov	eries usin	g SLI 017		
Surrogate	Recovery					

Surrogate	Recovery
DCB	13%
тсмх	64%

Bernard Hotom

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account: Client: Address:	1126-09-323 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-10	98	Date/T D	me Collecte ime Receive ate Reporte aipt Temp., '	ed: 09/28/2009 ed: 10/2/2009	10:10 AM
Project Name: Project No.: Job Location:	Photech 209288.03 Ph 1			ample Matr		
P.O.#:	209288.03 Ph 1		ei I	Comple N	o / 20222272	
Sample Description:	Membrane 4			Sample N	o.: 303333373 o.: 4 81dg	6
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Polychlorinated Biph	enyls based on SW846 8082 usi	ing SLI 017				
Aroclor - 1016	BQL	476	µg/kg	1	09/30/2009 5:09:00	PM SKS
Aroclor - 1221	BQL	476	µg/kg	1	09/30/2009 5:09:00	PM SKS
Aroclor - 1232	BQL	476	µg/kg	1	09/30/2009 5:09:00	PM SKS
Aroclor - 1242	BQL	476	µg/kg	1	09/30/2009 5:09:00	PM SKS
Aroclor - 1248	BQL	476	µg/kg	1	09/30/2009 5:09:00	PM SKS
Aroclor - 1254	BQL	476	µg/kg	1	09/30/2009 5:09:00	PM SKS
Aroclor - 1260	BQL	476	µg/kg	1	09/30/2009 5:09:00	PM SKS
Aroclor - 1262	BQI	476	µg/kg	1	09/30/2009 5:09:00	PM SKS
Polychlorinated Biph	enyls based on SW846 8082	Surrogate Recov	<u>eries usin</u>	g SLI 017		
Surrogate	Recovery					

Surroyate	Recover
DCB	127%
тсмх	121%

Bernard Hotom

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "Mi" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI, protocol. Visit www.slabinc.com for current certifications.

Client ID: 13-1 Initial pH: 7.90

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SLIID: 30349104

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Analyta	Concentration	Method		Regulatory Limit
Analyte Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	1.57 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
SLIID: 30349105	Client ID: 16-1	Descri	ption: Bldg 16 Base	ement

Initial pH: 8.26

Description: Bidg 16 Basement

Description: Bldg 13

Analyte Silver (Ag)	Concentration < 0.08 mg/L	Method EPA 1311/6010C	<u>MRL**</u> 0.04 mg/L	Regulatory Limit 5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.18 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	<0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

**Total Number of Pages in Report: 13** 

Results relate only to samples as received by the laboratory.

Equivalent units: ppm = mg/l or µg/ml; ppb = µg/l. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

Description: Bldg 16 1st Floor Client ID: 16-2 SLI ID: 30349106 Initial pH: 8.45 Regulatory MRL\*\* Limit Analyte Concentration Method 0.04 mg/L 5.0 mg/l < 0.08 mg/L EPA 1311/6010C Silver (Ag) 5.0 mg/l < 0.08 mg/L EPA 1311/6010C 0.04 mg/L Arsenic (As) 100.0 mg/l 0.04 mg/L 0.49 mg/L EPA 1311/6010C Barium (Ba) 0.04 mg/L 1.0 mg/l 11.93 mg/L EPA 1311/6010C Cadmium (Cd) 0.10 mg/L 5.0 mg/l EPA 1311/6010C < 0.20 mg/L Chromium (Cr) 0.003 mg/L 0.2 mg/l < 0.006 mg/L EPA 1311/7470A Mercury (Hg) 5.0 mg/l 0.04 mg/L Lead (Pb) < 0.08 mg/LEPA 1311/6010C EPA 1311/6010C 0.04 mg/L 1.0 mg/l < 0.08 mg/L Selenium (Se) Bldg 16 Penthouse SLIID: 30349107 **Description: Client ID:** 16-3 Initial pH: 9.38 Regulatory Concentration MRL\*\* <u>Limit</u> Method Analyte EPA 1311/6010C 0.04 mg/L 5.0 mg/l < 0.08 mg/L Silver (Ag) 5.0 mg/l 0.04 mg/L < 0.08 mg/L EPA 1311/6010C Arsenic (As) 0.04 mg/L 100.0 mg/l 1.64 mg/L EPA 1311/6010C Barium (Ba) 1.0 mg/l 0.04 mg/L 0.09 mg/L EPA 1311/6010C Cadmium (Cd)

Page 12

5.0 mg/l

0.2 mg/l

5.0 mg/l

1.0 mg/l

0.04 mg/L

 Barium (Ba)
 1.64 mg/L
 EPA 1311/6010C
 0.04 mg/L

 Cadmium (Cd)
 0.09 mg/L
 EPA 1311/6010C
 0.04 mg/L

 Chromium (Cr)
 0.21 mg/L
 EPA 1311/6010C
 0.04 mg/L

 Mercury (Hg)
 < 0.006 mg/L</td>
 EPA 1311/7470A
 0.003 mg/L

 Lead (Pb)
 1.52 mg/L
 EPA 1311/6010C
 0.04 mg/L

EPA 1311/6010C

< 0.08 mg/L

#### Total Number of Pages in Report: 13

Selenium (Se)

Results relate only to samples as received by the laboratory.

Equivalent units:  $ppm \approx mg/l \text{ or } \mu g/ml$ ;  $ppb = \mu g/l$ . \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

# <u>PHOTECH</u>

# Building 17 Analytical Data

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AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003 LABORATORY ANALYSIS REPORT

Lead Analysis based on EPA 7000B Method

Analysis based on EPA 7000B Mell

Using SLI P26 A14

ACCOUNT #:	1126-09-326	DATE COLLECTED:	10/2/2009
CLIENT:	LABELLA ASSOCIATES	DATE RECEIVED:	10/7/2009
ADDRESS:	300 STATE STREET	DATE ANALYZED:	10/13/2009
	ROCHESTER, NY 14614-1098	DATE REPORTED:	10/13/2009
PROJECT NAME:	Photech		
JOB LOCATION:	1000 Driving Prk Ave		
PROJECT NO .:	209288.03 Phase 1		
PO NO.:		Sample Type:	PAINT

SLI Sample No.	Client Sample No.	Sample Description	Sample Wt (mg)	Total Lead (μg)*	Lead Conc (% by wt)	Lead Conc PPM
30345177	209288.03-9	Bidg 2 1st FL Red Door	198	< 20.0	< 0.010	< 101
30345178	209288.03-19	Bldg 2 2nd FL White Door	666	1,143.3	0.172	1,717
30345179	209288.03-25	Bldg 2 4th FL Res Wall	481	3,047.6	0.634	6,336
30345180	209288.03-34	Bldg 5 Red/Brown Door	637	15,427.2	2.422	24,219
30345181	209288.03-45	Bldg 17 White Door	636	< 20.0	< 0.003	< 31
Analysis Rur	n ID: 44443					

 Analyst:
 Dara L. Fox

 Total Number of Pages in Report: 1
 Reviewed By

 Results relate only to samples as received by the laboratory.
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Minimum Reporting Limit: 20.0 µg. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC). \*Data precision justifies 2 significant figures. All internal QC parameters were met. Unusual sample conditions, if any, are described.

Page 13

SLI ID: 30349108	Client ID: 17-1 Initial pH: 9.91	Description:	Bldg 17	
Analyte	Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/ł
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

 Analyst:
 JULENE M. CARTWRIGHT
 Marti H. Baird, Analyst

 Total Number of Pages in Report: 13
 Reviewed By
 Marti H. Baird, Analyst

 Results relate only to samples as received by the laboratory.
 Visit www.slabinc.com for current certifications.

Equivalent units:  $ppm = mg/l \text{ or } \mu g/ml$ ;  $ppb = \mu g/l$ . \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

## <u>PHOTECH</u>

## Sheds and Exterior Analytical Data

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AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003 LABORATORY ANALYSIS REPORT

ACCOUNT #:	1126-09-334		DATE COLLECTED	: 11/9/2009
CLIENT:	LABELLA ASSOCIATE	S	DATE RECEIVED:	11/16/2009
ADDRESS:	300 STATE STREET		DATE ANALYZED:	11/19/2009
	ROCHESTER, NY 146	14-1098	DATE REPORTED:	11/23/2009
PROJECT NAME:	: Photech			
JOB LOCATION:	1000 Driving Park	RECRA METALS		
<b>PROJECT NO.:</b>	209288, Ph 2B			
PO NO.:			Sample Type:	BULK

SLI ID: 30396115	Client ID:		Des	cription:	Chem. Shed. Floor	
Analyte	Sample Wt(mg)	Totai (µg)*	Conc. (% by wt)	Conc. PPM	Analysis Method	MRL** (μg)
Silver (Ag)	707	< 4.0	< 0.001	< 6	EPA 6010C	4.0
Arsenic (As)	707	< 4.0	< 0.001	< 6	EPA 6010C	4.0
Barium (Ba)	707	25.9	0.004	37	EPA 6010C	4.0
Cadmium (Cd)	707	< 4.0	< 0.001	< 6	EPA 6010C	4.0
Chromium (Cr)	707	< 10.0	< 0.001	< 14	EPA 6010C	10.0
Mercury (Hg)	658	< 0.3	< 0.001	< 1	EPA 7471B	0.3
Lead (Pb)	707	< 4.0	< 0.001	< 6	EPA 6010C	4.0
Selenium (Se)	707	< 4.0	< 0.001	< 6	EPA 6010C	4.0
SLI ID: 30396116	Client ID:		Des	cription:	N Transformer Pad	
Analyte	Sample Wt(mg)	Total (µg)*	Conc. (% by wt)	Conc. PPM	Analysis Method	MRL⁺⁺ (μg)
Silver (Ag)	390	< 4.0	< 0.001	< 10	EPA 6010C	4.0
Arsenic (As)	390	9.9	0.003	25	EPA 6010C	4.0
Barium (Ba)	390	31.0	0.008	79	EPA 6010C	4.0
Cadmium (Cd)	390	< 4.0	< 0.001	< 10	EPA 6010C	4.0
Chromium (Cr)	390	22.1	0.006	57	EPA 6010C	10.0
Mercury (Hg)	636	< 15.0	< 0.002	< 24	EPA 7471B	0.3
Lead (Pb)	390	10.2	0.003	26	EPA 6010C	4.0
Selenium (Se)	390	< 4.0	< 0.001	< 10	EPA 6010C	4.0

### **Total Number of Pages in Report: 2**

Results relate only to samples as received by the laboratory.

Soil samples are tested as received unless noted as "Dried before analysis." Equivalent units: PPM = mg/kg. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

SLI ID: 30396117	Client ID:		Des	cription:	S Transformer Pad	
Analyte	Sample Wt(mg)	Total (μg)*	Conc. (% by wt)	Conc. PPM	Analysis Method	MRL** (μg)
Silver (Ag)	858	< 4.0	< 0.001	< 5	EPA 6010C	4.0
Arsenic (As)	858	4.1	< 0.001	5	EPA 6010C	4.0
Barium (Ba)	858	53.4	0.006	62	EPA 6010C	4.0
Cadmium (Cd)	858	< 4.0	< 0.001	< 5	EPA 6010C	4.0
Chromium (Cr)	858	< 10.0	< 0.001	< 12	EPA 6010C	10.0
Mercury (Hg)	708	< 0.3	< 0.001	< 1	EPA 7471B	0.3
Lead (Pb)	858	< 4.0	< 0.001	< 5	EPA 6010C	4.0
Selenium (Se)	858	< 4.0	< 0.001	< 5	EPA 6010C	4.0

Analyst: JULENE M. CARTWRIGHT		malle			
Total Number of Pages in Report: 2		Reviewed By Mohammed Eltilib, A			
Results relate	e only to samples as received by the laboratory.		Visit www.slabinc.com for current certifications.		

Soil samples are tested as received unless noted as "Dried before analysis." Equivalent units: PPM = mg/kg. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

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Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

## LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location: P.O.#:	1126-09-335 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614- Photech 209288, Ph 2B 1000 Driving Park	.1098	Date/T D Rece	ime Collect ime Receiv Date Report eipt Temp., Sample Mat	ed: 11/16/2009 ed: 11/23/2009 °C:	9:30 AM
Sample			SLI	Sample N	<b>lo</b> .: 30396137	
Description:	Chem. Shed. Floor		Client	Sample N	lo.:	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Polychlorinated Bipho Aroclor - 1016	enyls based on SW846 8082 i BQL	16	µg/kg	1	11/19/2009	SKS
Aroclor - 1221	BQL	16	µg/kg	1	11/19/2009	SKS
Aroclor - 1232	BQL	16	μg/kg	1	11/19/2009	SKS
Aroclor - 1242	BQL	16	µg/kg	1	11/19/2009	SKS
Aroclor - 1248	BQL	16	µg/kg	1	11/19/2009	SKS
Aroclor - 1254	BQL	16	µg/kg	1	11/19/2009	SKS
Aroclor - 1260	BQL	16	µg/kg	1	11/19/2009	SKS
Aroclor - 1262	BQL	16	µg/kg	1	11/19/2009	SKS
Polychlorinated Biph	enyls based on SW846 8082	Surrogate Recov	eries usin	g SLI 017		
Surrogate DCB	Recovery 88%					
тсмх	54%					
STARS (Spill Technol	ogy And Remediation Series	) - Semivolatile Cor	npounds (	using SLI 01	5	
Acenaphthene	BQL	710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Anthracene	BQL	710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Benz(a)anthracene	BQL	710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Benzo(b)fluoranther	ne BQL	710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Benzo(k)fluoranther	ne BQL	710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Benzo(g,h,i)perylen	e BQL	710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Benzo(a)pyrene	BQL	710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Chrysene	BQL	710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Dibenz(a,h)anthrace		710	µg/kg	1	11/23/2009 2:28:00	PM SKS
Fluoranthene	BQL	710	µg/kg	1	11/23/2009 2:28:00 1	
Fluorene	BQL	710	µg/kg	1	11/23/2009 2:28:00	
Indeno(1,2,3-cd)pyr		710	µg/kg	1	11/23/2009 2:28:00	
Phenanthrene	BQL	710	µg/kg	1	11/23/2009 2:28:00	
Pyrene	BQL	710	µg/kg	1	11/23/2009 2:28:00 1	PM SKS

<del>.</del> . .

Sample	SLI Sample No.: 30396137						
Description:	Chem. Shed. Floor	Floor Client Sample No.:					
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst	
STARS (Spill Techno	logy And Remediation Series	) - Semivolatile Cor	npounds	Surrogate	Recoveries using SL	<u>6</u>	
Surrogate	Recovery						
2-Fluorobiphenyl	130%						
2-Fluorophenol	27%						
Nitrobenzene d-5	69%						
Phenol d-5	77%						
Terphenyl d-14	196%						
2,4,6-Tribromopher	nol 109%						
STARS (Spill Techno	logy And Remediation Series	) - Volatile Compou	inds using	SLI 014			
Benzene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
n-Butylbenzene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
sec-Butylbenzene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
tert-Butylbenzene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
Ethylbenzene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
lsopropylbenzene	BQL	49	µg/k <b>g</b>	50	11/23/2009 3:14:00 F	M SKS	
p-Isopropyltoluene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
Naphthaiene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
n-Propylbenzene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
Toluene	BQL	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
1,2,4-Trimethylben:	zene 208	49	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
1,3,5-Trimethylben:	zene 163	49	µg/kg	50	11/23/2009 3:14:00 F	PM SKS	
m-,p-Xylene	BQL	195	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
o-Xylene	118	97	µg/kg	50	11/23/2009 3:14:00 F	M SKS	
STARS (Spill Techno	logy And Remediation Series	) - Volatile Compou	inds Su	rrogate Rec	overies using SLI O14	<u>_</u>	
<b>Surrogate</b> Dibromofluorometh 1,2-Dichloroethane							

Bernard Hotors

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Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

Toluene d-8

4-Bromofluorobenzene

101%

115%

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#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

### LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location: P.O.#;	1126-09-335 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-14 Photech 209288, Ph 2B 1000 Driving Park	098	Date/T E Rece	ime Collect ime Receiv Date Report eipt Temp., Sample Mat	ed: 11/16/2009 ted: 11/23/2009 °C:	9:30 AM
Sample Description:	N Transformer Pad			Sample N Sample N	lo.: 30396138 lo.:	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
	à.			·		18 (18) 10 1
	enyls based on SW846 8082 us				4414010000	0140
Aroclor - 1016	BQL	15	µg/kg "	1	11/19/2009	SKS
Aroclor - 1221	BQL	15	µg/kg	1	11/19/2009	SKS
Aroclor - 1232	BQL	15	µg/kg	1	11/19/2009	SKS
Aroclor - 1242	BQL	15	µg/kg	1	11/19/2009	SKS
Aroclor - 1248	BQL	15	µg/kg	1	11/19/2009	SKS
Aroclor - 1254	BQL	15	µg/kg	1	11/19/2009	SKS
Aroclor - 1260	BQL	15	µg/kg	1	11/19/2009	SKS
Aroclor - 1262	BQL	15	µg/kg	1	11/19/2009	SKS
	enyls based on SW846 8082	Surrogate Recov	reries usin	Ig SLI 017		
Surrogate DCB	Recovery 100%					
TCMX	54%					
STARS (Spill Technol	ogy And Remediation Series)	- Semivolatile Co	mpounds	using SLI O1	15	
Acenaphthene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Anthracene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Benz(a)anthracene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Benzo(b)fluoranthe	ne BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Benzo(k)fluoranther	ne BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Benzo(g,h,i)perylen	e BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Benzo(a)pyrene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Chrysene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Dibenz(a,h)anthrac	ene BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Fluoranthene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Fluorene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Indeno(1,2,3-cd)pyr	ene BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Phenanthrene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS
Pyrene	BQL	330	µg/kg	1	11/23/2009 2:55:00	PM SKS

244.0

Sample Description: N Tra	ansformer Pad			Sample N Sample N	lo.: 30396138 lo.:	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
STARS (Spill Technology And	Remediation Series)	- Semivolatile Con	npounds	Surrogate	Recoveries using SI	<u></u>
Surrogate	Recovery					
2-Fluorobiphenyl	72%					
2-Fluorophenol	13%					
Nitrobenzene d-5	48%					
Phenol d-5	42%					
Terphenyl d-14	97%					
2,4,6-Tribromophenol	188%					
STARS (Spill Technology And	Remediation Series)	- Volatile Compou		SLI 014		
Benzene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
n-Butylbenzene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
sec-Butylbenzene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
tert-Butylbenzene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
Ethylbenzene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
Isopropylbenzene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
p-Isopropyltoluene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
Naphthalene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
n-Propylbenzene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
Toluene	BQL	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
1,2,4-Trimethylbenzene	330	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
1,3,5-Trimethylbenzene	205	49	µg/kg	50	11/23/2009 3:46:00	PM SKS
m-,p-Xylene	BQL	196	µg/kg	50	11/23/2009 3:46:00	PM SKS
o-Xylene	BQL	98	µg/kg	50	11/23/2009 3:46:00	PM SKS
STARS (Spill Technology And	d Remediation Series)	- Volatile Compou	unds Su	rrogate Rec	overies using SLI O1	4
Surrogate	Recovery					
Dibromofluoromethane	102%					
1,2-Dichloroethane d-4	104%					
Toluene d-8	99%					
4-Bromofluorobenzene	119%					

card that Ban

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

# LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location: P.O.#: Sample	1126-09-335 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-11 Photech 209288, Ph 2B 1000 Driving Park	098	Date/T E Rece S	Sample N	ed: 11/16/2009 ed: 11/23/2009 °C: rix: SOLID	9:30 AM
Description:	S Transformer Pad			Sample N		
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
		- 011047				
Aroclor - 1016	enyls based on SW8 <u>46 8082 us</u> BQL	17	µg/k <b>g</b>	1	11/19/2009	SKS
Aroclor - 1221	BQL	17	µg/kg	1	11/19/2009	SKS
Aroclor - 1232	BQL	17	µg/kg	1	11/19/2009	SKS
Aroclor - 1242	BQL	17	µg/kg	1	11/19/2009	SKS
Aroclor - 1248	BQL	17	µg/kg	1	11/19/2009	SKS
Aroclor - 1254	BQL	17	µg/kg	1	11/19/2009	SKS
Aroclor - 1260	BQL	17	µg/kg	1	11/19/2009	SKS
Aroclor - 1262	55	17	µg/kg	1	11/19/2009	SKS
Polychlorinated Biph	envis based on SW846 8082	Surrogate Recov	eries usin	g SLI 017		
Surrogate	Recovery					
DCB TCMX	66% 56%					
		Comissolatile Con	nnoundo		e	
Acenaphthene	ogy And Remediation Series) BQL	- Semivolatile Cor 320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Anthracene	BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Benz(a)anthracene	BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Benzo(b)fluoranthe	ne BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Benzo(k)fluoranther		320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Benzo(g,h,i)perylen	e BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Benzo(a)pyrene	BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Chrysene	BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Dibenz(a,h)anthrace	ene BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Fluoranthene	BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Fluorene	BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Indeno(1,2,3-cd)pyr	ene BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Phenanthrene	BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS
Pyrene	BQL	320	µg/kg	1	11/23/2009 3:22:00	PM SKS

5 - 46 - C

34440 A 1990 T 101

Sample Description: S Tra	ansformer Pad			Sample N Sample N	lo.: 30396139 lo.:	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
STARS (Spill Technology And	d Remediation Series)	- Semivolatile Con	npounds	Surrogate	Recoveries using SL	Ĺ
Surrogate	Recovery					
2-Fluorobiphenyl	76%					
2-Fluorophenol	25%					
Nitrobenzene d-5	62%					
Phenol d-5	59%					
Terphenyl d-14	122%					
2,4,6-Tribromophenol	119%					
STARS (Spill Technology And	d Remediation Series)	- Volatile Compou	nds using	SLI 014		
Benzene	BQL	48	µg/kg	50	11/23/2009 4:18:00 1	PM SKS
n-Butylbenzene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
sec-Butylbenzene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
tert-Butylbenzene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
Ethylbenzene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
Isopropylbenzene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
p-lsopropyltoluene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
Naphthalene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
n-Propylbenzene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
Toluene	BQL	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
1,2,4-Trimethylbenzene	80	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
1,3,5-Trimethylbenzene	105	48	µg/kg	50	11/23/2009 4:18:00	PM SKS
m-,p-Xylene	BQL	193	µg/kg	50	11/23/2009 4:18:00	PM SKS
o-Xylene	BQL	97	µg/kg	50	11/23/2009 4:18:00	PM SKS
STARS (Spill Technology An	d Remediation Series)	- Volatile Compou	inds Su	Irrogate Rec	overies using SLI O14	1

Surrogate	Recovery
Dibromofluoromethane	99%
1,2-Dichloroethane d-4	105%
Toluene d-8	99%
4-Bromofluorobenzene	106%

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Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • (FAX) 804-359-1475 *Excellence in Service and Technology* 

AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593, SC 93003 LABORATORY ANALYSIS REPORT

#### DATE COLLECTED: 11/19/2009 ACCOUNT #: 1126-09-337 DATE RECEIVED: 11/23/2009 LABELLA ASSOCIATES **CLIENT:** 11/25/2009 ADDRESS: 300 STATE STREET DATE ANALYZED: ROCHESTER, NY 14614-1098 DATE REPORTED: 12/1/2009 **PROJECT NAME: Phatech** JOB LOCATION: 1000 Driving Park Av **PROJECT NO.:** 209288 Phase Sample Type: TCLP PO NO.:

SLI ID: 30404108 Client ID:

Initial pH: 9.35

Description: Carpenter Shed

Regulatory MRL\*\* Limit Concentration Method Analyte 5.0 mg/l < 0.08 mg/L EPA 1311/6010C 0.04 mg/L Silver (Ag) 5.0 mg/l 0.04 mg/L Arsenic (As) 0.11 mg/L EPA 1311/6010C 0.04 mg/L 100.0 mg/l 1.22 mg/L EPA 1311/6010C Barium (Ba) < 0.08 mg/L EPA 1311/6010C 0.04 mg/L 1.0 mg/l Cadmium (Cd) 5.0 mg/l 0.10 mg/L Chromium (Cr) < 0.20 mg/L EPA 1311/6010C < 0.006 mg/L EPA 1311/7470A 0.003 mg/L 0.2 mg/l Mercury (Hg) 0.04 mg/L 5.0 mg/l EPA 1311/6010C Lead (Pb) < 0.08 mg/L 0.04 mg/L 1.0 mg/l < 0.08 mg/L EPA 1311/6010C Selenium (Se)

### **Total Number of Pages in Report: 2**

Results relate only to samples as received by the laboratory.

Equivalent units:  $ppm = mg/l \text{ or } \mu g/ml$ ;  $ppb = \mu g/l$ . \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol. **Client ID:** 

Initial pH: 7.57

30404109

SLI ID:

Description: Wood Shed

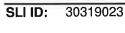
				Regulatory
Analyte	Concentration	Method	MRL**	Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	0.38 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.38 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

Analyst: MOHAMMED ELTILIB

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**Total Number of Pages in Report: 2** Results relate only to samples as received by the laboratory. Reviewed By Marti H. Baird, Analyst Visit www.slabinc.com for current certifications.

Equivalent units: ppm = mg/l or  $\mu g/ml$ ;  $ppb = \mu g/l$ . \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol. Account - Workorder 1126-09-315 (Continued)



Client ID: T5 Initial pH: 9.35 **Description:** Shed Powder

Analyte	Concentration	Method	MRL**	Regulatory Limit
Silver (Ag)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Arsenic (As)	0.22 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Barium (Ba)	0.67 mg/L	EPA 1311/6010C	0.04 mg/L	100.0 mg/l
Cadmium (Cd)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l
Chromium (Cr)	< 0.20 mg/L	EPA 1311/6010C	0.10 mg/L	5.0 mg/l
Mercury (Hg)	< 0.006 mg/L	EPA 1311/7470A	0.003 mg/L	0.2 mg/l
Lead (Pb)	0.55 mg/L	EPA 1311/6010C	0.04 mg/L	5.0 mg/l
Selenium (Se)	< 0.08 mg/L	EPA 1311/6010C	0.04 mg/L	1.0 mg/l

**MOHAMMED ELTILIB** Analyst:

**Total Number of Pages in Report: 4** 

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Results relate only to samples as received by the laboratory.

**Reviewed By** Marti H. Baird, Analyst Visit www.slabinc.com for current certifications.

Equivalent units: ppm = mg/l or µg/ml; ppb = µg/l. \*\*MRL=Minimum Reporting Limit. Quality Control data available upon request. \*Data precision justifies 2 significant figures. Unusual sample conditions, if any, are described. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

# itkem Laboratories

Date: 11-Nov-09

Client: LaBella Associates Client Sample ID: H2OTRENCH Lab ID: H2170-04

Project:LaBella Stand ByCollection Date:10/30/09 10:00

Analyses	Result Qual	RL	Units	DF Date Analyzed	Batch ID
SW846 8082 PCB by GC-ECD					SW8082_S
Aroclor-1016	ND	44	µg/Kg	1 11/05/2009 15:45	47139
Aroclor-1221	ND	44	µg/Kg	1 11/05/2009 15:45	47139
Aroclor-1232	ND	44	µg/Kg	1 11/05/2009 15:45	47139
Aroclor-1242	ND	44	µg/Kg	1 11/05/2009 15:45	47139
Aroclor-1248	ND	44	µg/Kg	1 11/05/2009 15:45	47139
Aroclor-1254	ND	44	µg/Kg	1 11/05/2009 15:45	47139
Aroclor-1260	ND	44	µg/Kg	1 11/05/2009 15:45	47139
Surrogate: Tetrachloro-m-xylene	44.2	13-120	%REC	1 11/05/2009 15:45	47139
Surrogate: Decachlorobiphenyl	53.5 S	60-125	%REC	1 11/05/2009 15:45	47139

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyt let the self of qu iff ation mits	R . Dou de cepte recovery limits
	B - Analy detectr in as ciate I A thot Bl: c	K - Vi e al ve v antita n range
	DF - Dilution Factor	RL - Reporting Limit

		U.S. E	SPA - CLP			
			1		EPA SAM	PLE NO.
		INORGANIC ANA	LYSIS DATA SHEE	ET	H2OTRENCH	
b Name:	Mitkem Laboratorie	25	Contract: P	ho-Tech		
Lab Code:	MITKEM Case M	10.:	SAS No.:		SDG No.:	SH2170
Matrix (soi	l/water): SOIL		Lab Sample ID	H2170-0	)4	
Level (low/	med): MED		Date Received	1: 10/31/2	2009	
% Solids: 7	74.0					

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	С	Q	M
7440-38-2	Arsenic	5.1			P
7440-39-3	Barium	40.5			P
7440-43-9	Cadmium	0.21	В		P
7440-47-3	Chromium	6.4			P
7439-92-1	Lead	24.1			P
7439-97-6	Mercury	0.05	3		CV
7782-49-2	Selenium	0.94	U		P
7440-22-4	Silver	0.16	В		P

Comments:

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PRELIMINARY MARKED

Tole contrined within this report has wellenger
Const Contrained summing and restors mails and adding
prolining review but may be subject to change
leaves. ponding final QA/2C review.

#### CLIENT SAMPLE NO.

### 1D - FORM I SV-1 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H2OTRENCH

_ab Name: M	ITKEM LABORATORIES	Contract:		
Lab Code: M	ITKEM Case No.: H2170	Mod. Ref No.:	SDG No.:	SH2170
Matrix: (SOI	L/SED/WATER) SOIL	Lab Sample ID:	H2170-04A	
Sample wt/vo	l: 30.2 (g/mL) G	Lab File ID:	S1G0579.D	
Level: (LOW/	MED) LOW	Extraction: (Ty	pe) SONC	
<pre>% Moisture:</pre>	26 Decanted: (Y/N) N	Date Received:	10/31/2009	
Concentrated	Extract Volume: 1000 (uL)	Date Extracted:	11/04/2009	
Injection Vo	lume: 1.0 (uL) GPC Factor: 1.00	Date Analyzed:	11/06/2009	
GPC Cleanup:	(Y/N) <u>N</u> pH:	Dilution Factor	: 1.0	
			'RATION UNITS: UG/KG	
CAS NO. 108-95-2	COMPOUND		or ug/Kg) 440	. Q U
	Bis(2-chloroethyl)ether		440	U
	2-Chlorophenol		440	U
	1, 3-Dichlorobenzene		440	U
	1,4-Dichlorobenzene		440	U
	1,2-Dichlorobenzene		440	U
	2-Methylphenol	·····	440	U
	2,2'-oxybis(1-Chloropropane)		440	U
	4-Methylphenol		440	U
	N-Nitroso-di-n-propylamine		440	U
	Hexachloroethane		440	ט
and shall be an	Nitrobenzene		440	U
	Isophorone		440	U
	2-Nitrophenol		440	U
	2,4-Dimethylphenol		440	υ
	2,4-Dichlorophenol		440	U
	1,2,4-Trichlorobenzene		440	U
91-20-3	Naphthalene		240	J
106-47-8	4-Chloroaniline		440	U
111-91-1	Bis(2-chloroethoxy)methane		440	U
87-68-3	Hexachlorobutadiene		440	U
	4-Chloro-3-methylphenol		440	U
	2-Methylnaphthalene		140	J
	Hexachlorocyclopentadiene		440	U
	2,4,6-Trichlorophenol		440	U
	2,4,5-Trichlorophenol		900	U
	2-Chloronaphthalene		440	U
the second se	2-Nitroaniline		900	U
	Dimethylphthalate		440	U
	Acenaphthylene		4,4 0	U
	2,6-Dinitrotoluene		440	Ü
	3-Nitroaniline		900	U
	Acenaphthene	ABUTATO BURGERAND	1045 Karakara 390	J
	2,4-Dinitrophenol	ALLENTER AND R. B.		U
and the second sec	4-Nitrophenol	contained with in this fano	n has undaverse 900	U
	Dibenzofuran parti	Contained when a visual to a Diverse render of the star Day Day Bounding Final OA/200		J
121-14-2	2,4-Dinitrotoluene	DEN PLU ISING TIME CANCEL	review: 440	U

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#### 1E - FORM I SV-2

CLIENT SAMPLE NO.

H2OTRENCH

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Jab Name: M	ITKEM LABORATORIES	Contract:		
Lab Code: M	ITKEM Case No.: H2170	Mod. Ref No.:	SDG No.: 5	SH2170
Matrix: (SOI	L/SED/WATER) SOIL	Lab Sample ID:	H2170-04A	
Sample wt/vo	l: 30.2 (g/mL) G	Lab File ID:	S1G0579.D	
Level: (LOW/	MED) LOW	Extraction: (Typ	oe) SONC	
% Moisture:	26 Decanted: (Y/N) N	Date Received:	10/31/2009	
Concentrated	Extract Volume: 1000 (uL)	Date Extracted:	11/04/2009	
Injection Vo	lume: 1.0 (uL) GPC Factor: 1.00	Date Analyzed:	11/06/2009	
GPC Cleanup:	(Y/N) N pH:	Dilution Factor:	1.0	
CAS NO.	COMPOUND		RATION UNITS: UG/KG r ug/Kg)	Q
	Diethylphthalate		440	U
	4-Chlorophenyl-phenylether		440	U
86-73-7			520	
	4-Nitroaniline		900	U
	4,6-Dinitro-2-methylphenol		900	U
	N-Nitrosodiphenylamine		440	U
	4-Bromophenyl-phenylether		440	U
	Hexachlorobenzene		440	U
	Pentachlorophenol	And and a second s	900	U
	Phenanthrene		5500	
	Anthracene		970	
	Carbazole		500	
	Di-n-butylphthalate		440	U
	Fluoranthene		4800	
129-00-0	Pyrene		3300	
	Butylbenzylphthalate		440	U
	3,3'-Dichlorobenzidine		440	U
56-55-3	Benzo(a)anthracene		1400	
218-01-9	Chrysene		1200	
117-81-7	Bis(2-ethylhexyl)phthalate		440	U
117-84-0	Di-n-octylphthalate		440	ט
	Benzo(b)fluoranthene		920	
	Benzo(k)fluoranthene		620	
	Benzo(a)pyrene		840	
	Indeno(1,2,3-cd)pyrene		360	J
	Dibenzo(a,h)anthracene		91	J
191-24-2	Benzo(g,h,i)perylene		360	J

# PARLININARY "Manufactures

Data contained within this report has undersone accliminary review but may be subject to clienge ponding linal QA/AC review.

#### CLIENT SAMPLE NO.

# 1K - FORM I SV-TIC SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

H2OTRENCH

Lab Name: MITKEM LABORATORIES	Contract:	
Lab Code: MITKEM Case No.: H2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (SOIL/SED/WATER) SOIL	Lab Sample ID:	H2170-04A
Sample wt/vol: 30.2 (g/mL) G	Lab File ID:	S1G0579.D
Level: (TRACE or LOW/MED) LOW	Extraction: (Typ	e) SONC
% Moisture: 26 Decanted: (Y/N) N	Date Received:	10/31/2009
Concentrated Extract Volume: 1000 (1	aL) Date Extracted:	11/04/2009
Injection Volume: 1.0 (uL) GPC Factor: 1.	00 Date Analyzed:	11/06/2009
GPC Cleanup: (Y/N) N pH:	Dilution Factor:	1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS	NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		Unknown-01	6.993	290	J
	132-65-0	Dibenzothiophene	10.990	250	NJ
		Unknown-02	11.735	340	J
	613-12-7	Anthracene, 2-methyl-	11.768	370	NJ
		Unknown-03	11.854	630	J
	610-48-0	Anthracene, 1-methyl-	11.887	290	NJ
	612-94-2	Naphthalene, 2-phenyl-	12.081	240	NJ
	243-17-4	11H-Benzo[b]fluorene	13.107	190	NJ
	301-02-0	9-Octadecenamide, (Z)-	13.496	260	NJ
		Unknown-04	14.814	760	J
		Unknown-05	15.236	580	J
	E9667962	Total Alkanes	N/A		

<sup>2</sup>EPA-designated Registry Number.

Kansula puna" PREURINAN MARA

Data contained within this report has underowne preliminary roview but proy his subject to change ponding from (ta/26 roview.

#### 1G - FORM I PEST PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2OTRENCH

Lab Name: MITKEM LABORATORIES	Contract:	
Lab Code: MITKEM Case No.: H2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (SOIL/SED/WATER) SOIL	Lab Sample ID: H2170-	04A
Sample wt/vol: 30.2 (g/mL) G	Lab File ID: E4F273	7F.D/E4F2737R.D
% Moisture: 26 Decanted: (Y/N) N	Date Received: 10/31/	2009
Extraction: (Type) SONC	Date Extracted: 11/04/2	2009
Concentrated Extract Volume: 5000 10000 (uL)	Date Analyzed: 11/05/2	2009
	Dilution Factor: 1.0	
GPC Cleanup:(Y/N) Y pH:	Sulfur Cleanup: (Y/N)	2

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG (ug/L or ug/Kg)	0
319-84-6	alpha-BHC	2.3	Q U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	2.3	σ
`09-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
50-57-1	Dieldrin	4.4	U
72-55-9	4,4´-DDE	4.4	U
72-20-8	Endrin	4.4	U
33213-65-9	Endosulfan II	4.4	υ
2-54-8	4,4'-DDD	4.4	U
.031-07-8	Endosulfan sulfate	4.4	U
0-29-3	4,4'-DDT	4.4	U
2-43-5	Methoxychlor	23	U
3494-70-5	Endrin ketone	4.4	U
421-93-4	Endrin aldehyde	4.4	υ
103-71-9	alpha-Chlordane	2.3 -	U
103-74-2	gamma-Chlordane	2.3	U
001-35-2	Toxaphene	230	U

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Beta sportsined within this report has undergone assiminary rariew but nay to subject to ob-

## 1A - FORM I VOA-1 VOLATILE ORGANICS ANALYSIS DATA SHEET

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CLIENT SAMPLE NO.

H2OTRENCH

Lab Name: MITKEM LABORATORIES			Contract:	Book Strates Constraints and Strates Constraints
Lab Code: MITKEM	Case No.: H2	2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (SOIL/SED/WATER	) SOIL		Lab Sample ID:	H2170-04B
Sample wt/vol: 4.	70 (g/mL) G		Lab File ID:	V6H0541.D
Level: (TRACE/LOW/MED)	LOW		Date Received:	10/31/2009
% Moisture: not dec.	26		Date Analyzed:	11/02/2009
GC Column: DB-624	ID: 0.	25 (mm)	Dilution Factor:	1.0
Soil Extract Volume:		(uL)	Soil Aliquot Vol	ume:(uL)
Purge Volume: 10.0		(mL)		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
74-87-3	Chloromethane		7.2	U
	Vinyl chloride		7.2	U
	Bromomethane		7.2	U
	Chloroethane		7.2	U
	Trichlorofluoromethane		7.2	U
	1,1-Dichloroethene		7.2	U
67-64-1			7.2	U
a standard and a standard standard and a standard standard standard standard standard standard standard standard	Carbon disulfide		7.2	U
	Methylene chloride		7.2	U
	trans-1,2-Dichloroethene		7.2	U
	Methyl tert-butyl ether		7.2	U
	1,1-Dichloroethane		7.2	U
108-05-4	Vinyl acetate		1.2	U
	2-Butanone		7.2	U
156-59-2	cis-1,2-Dichloroethene		7.2	U
67-66-3	Chloroform		7.2	U
71-55-6	1,1,1-Trichloroethane		7.2	U
	Carbon tetrachloride		7.2	U
107-06-2	1,2-Dichloroethane		7.2	U
71-43-2	Benzene		7.2	U
79-01-6	Trichloroethene		2.6	BJ
78-87-5	1,2-Dichloropropane		7.2	U
75-27-4	Bromodichloromethane		7.2	U
10061-01-5	cis-1,3-Dichloropropene		7.2	U
108-10-1	4-Methyl-2-pentanone		7.2	ט
108-88-3	Toluene		7.2	U
10061-02-6	trans-1,3-Dichloropropene		7.2	U
79-00-5	1,1,2-Trichloroethane		7.2	U
127-18-4	Tetrachloroethene		7.2	U
591-78-6	2-Hexanone		7.2	U
124-48-1	Dibromochloromethane		7.2	U
108-90-7	Chlorobenzene		7.2	U
100-41-4	Ethylbenzene	O SECTOR DESCRIPTION	7.2	U
1330-20-7	m,p-Xylene	Data containeu 1 //10/10 (bis ceport has undergeno Militatas andergeno Fonding final CA/20 Toxicw.	7.2	U
95-47-6	o-Xylene	With a start we will we will be autoinst to change	7.2	U

#### 1B - FORM I VOA-2 VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

H2OTRENCH

_ab Name:	MITKEM LABOR	ATORIES			Contract:	
Lab Code:	MITKEM	Case No.:	H2170		Mod. Ref No.:	SDG No.: 5H2170
Matrix: (SC	DIL/SED/WATER	.) SOIL			Lab Sample ID:	H2170-04B
Sample wt/w	vol: 4.	70 (g/mL)	G		Lab File ID:	V6H0541.D
Level: (TRA	ACE/LOW/MED)	LOW			Date Received:	10/31/2009
% Moisture:	not dec.	26			Date Analyzed:	11/02/2009
GC Column:	DB-624	ID:	0.25	(mm)	Dilution Factor:	1.0
Soil Extrac	ct Volume:			(uL)	Soil Aliquot Volu	ume: (uL)
Purge Volum	ie: 10.0			(mL)		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	Xylene (Total)	7.2	U
100-42-5		7.2	U
75-25-2	Bromoform	7.2	U
98-82-8	Isopropylbenzene	7.2	υ
79-34-5	1,1,2,2-Tetrachloroethane	7.2	U
103-65-1	n-Propylbenzene	7.2	σ
108-67-8	1,3,5-Trimethylbenzene	7.2	U
98-06-6	tert-Butylbenzene	7.2	U
95-63-6	1,2,4-Trimethylbenzene	7.2	σ
135-98-8	sec-Butylbenzene	7.2	U
99-87-6	4-Isopropyltoluene	7.2	U
541-73-1	1,3-Dichlorobenzene	7.2	U
106-46-7	1,4-Dichlorobenzene	7.2	υ
104-51-8	n-Butylbenzene	7.2	U
95-50-1	1,2-Dichlorobenzene	7.2	U
91-20-3	Naphthalene	7.2	ט
110-75-8	2-Chloroethyl vinyl ether	7.2	ט

# WERE AND FREIMINERY

Data contained within this report has undercone preliminary review but may be subject to change pending finel QA/QC review.

# 1J - FORM I VOA-TIC VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

H2OTRENCH

Jab Name: MITKEM	1 LABORATORIES	Contract:	
Lab Code: MITKEM	Case No.: H2170	Mod. Ref No.:	SDG No.: SH2170
Matrix: (SOIL/SED	D/WATER) SOIL	Lab Sample ID:	H2170-04B
Sample wt/vol:	4.70 (g/mL) G	Lab File ID:	V6H0541.D
Level: (TRACE or	LOW/MED) LOW	Date Received:	10/31/2009
% Moisture: not d	dec. 26	Date Analyzed:	11/02/2009
GC Column: DB-62	24 ID: 0.25 (m	n) Dilution Factor:	1.0
Soil Extract Volu	ume:(u	L) Soil Aliquot Vol	ume:(uL)
CONCENTRATION UNI	TS: (ug/L or ug/Kg) UG/KG	Purge Volume: 10	).0 (mL)
CAS NUMBER	COMPOUND NAME	RT	EST. CONC. Q
E9667961 T	otal Alkanes	N/A	

<sup>1</sup>EPA-designated Registry Number.

PRELIMINARY

Detecontained within this report has undergenpreliminary review bet may be swight to chem. punding final QA/QC raview.

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • (Fax) 804-359-1475

#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

# LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location:	1126-09-327 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-10 Photech 209288.03 Phase 1 1000 Driving Prk Ave	098	Date/T E Rece	ime Collecte ime Receive Date Reporte Sipt Temp., ' Sample Matr	ed: 10/7/2009 ed: 10/14/2009 °C:	10:00 AM
P.O.#: Sample			SLI	Sample N	o.: 30345208	
Description:	NW Corner			•	o.: Caulk-4	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Polychlorinated Biphe Aroclor - 1016 Aroclor - 1221	enyls based o <mark>η SW846 8082 us</mark> BQL BQL	ing SLI O17 369 369	µg/kg	1	10/12/2009 2:35:00 F	
Aroclor - 1221 Aroclor - 1232	BQL	369	µg/kg µg/kg	1	10/12/2009 2:35:00 F 10/12/2009 2:35:00 F	
Arocior - 1242 Arocior - 1248	BQL BQL	369 369	µg/kg µg/kg	1	10/12/2009 2:35:00 F	
Aroclor - 1254	BQL	369	µg/kg	1	10/12/2009 2:35:00 F	
Aroclor - 1260 Aroclor - 1262	BQL BQL	369 369	µg/kg µg/kg	1 1	10/12/2009 2:35:00 F 10/12/2009 2:35:00 F	
STER AT DUE CONTRACTOR	enyls based on SW846 8082	Surrogate Recov	eries usin	g SLI 017		
Surrogate DCB TCMX	<b>Recovery</b> 86% 299%					

Serveral Statement

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Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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#### Excellence in Service and Technology AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, SC 93003

# LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location: P.O.#:	1126-09-327 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-10 Photech 209288.03 Phase 1 1000 Driving Prk Ave	098	Date/T E Rece	me Collected ime Received date Reported dipt Temp., °C dample Matrix	1: 10/7/2009 1: 10/14/2009	10:00 AM
Sample				•	.: 30345209	
Description:	Btwn Win Frame &Ext	Wall	Client	Sample No	.: Caulk-5	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Aroclor - 1016 Aroclor - 1221	enyls based on SW846 8082 us BQL BQL	421 421	µg/kg µg/kg	1	10/12/2009 2:52:00 10/12/2009 2:52:00	PM SKS
Aroclor - 1232 Aroclor - 1242	BQL BQL	421 421	µg/kg µg/kg	1	10/12/2009 2:52:00 10/12/2009 2:52:00	PM SKS
Aroclor - 1248 Aroclor - 1254 Aroclor - 1250	BQL BQL BQL	421 421 421	µg/kg µg/kg	1	10/12/2009 2:52:00 10/12/2009 2:52:00 10/12/2009 2:52:00	PM SKS
Aroclor - 1260 Aroclor - 1262	BQL	421	µg/kg µg/kg	1	10/12/2009 2:52:00	
Polychlorinated Biphe Surrogate DCB TCMX	enyls based on SW846 8082 Recovery 95% 309%	Surrogate Recov	<u>veries usin</u>	<u>g SLI 017</u>		

Bernard Hotor

Reviewed By: Bernard H. Howard, Supervisor

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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# LABORATORY ANALYSIS REPORT

Account: Client: Address: Project Name: Project No.: Job Location: P.O.#:	1126-09-327 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-10 Photech 209288.03 Phase 1 1000 Driving Prk Ave	098	Date/T D Rece	me Collecte ime Receive date Reporte dipt Temp., °( Gample Matri	d: 10/7/2009 d: 10/14/2009 C:	10:00 AM
Sample				•	.: 30345210	
Description:	Photech		Client	Sample No	o.: 12-PCB1	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Polychlorinated Biphe Aroclor - 1016	enyls based on SW846 8082 us BQL	ing SLI 017 492	µg/kg	1	10/12/2009 3:09:00 F	M SKS
Aroclor - 1221	BQL	492	µg/kg	4	10/12/2009 3:09:00 F	
Aroclor - 1227	BQL	492	µg/kg	1	10/12/2009 3:09:00 F	
Aroclor - 1242	BQL	492	µg/kg	1	10/12/2009 3:09:00 F	
Aroclor - 1248	BQL	492	µg/kg	i.	10/12/2009 3:09:00 F	
Aroclor - 1254	BQL	492	μg/kg	1	10/12/2009 3:09:00 F	M SKS
Aroclor - 1260	BQL	492	µg/kg	1	10/12/2009 3:09:00 F	M SKS
Aroclor - 1262	BQL	492	µg/kg	21	10/12/2009 3:09:00 F	M SKS
Polychlorinated Biph	enyls based on SW846 8082	Surrogate Recov	eries usin	g SLI 017		
Surrogate DCB TCMX	<mark>Recovery</mark> 89% 285%					

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Reviewed By: Bernard H. Howard, Supervisor

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All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. \*Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.



# PCB Analysis Report for Soils/Solids/Sludges

#### Client: LaBella Associates

Client Job Site:	Photech	Lab Project Number: Lab Sample Number:	
Client Job Number: Field Location: Field ID Number: Sample Type:	N/A Around glass block windows C-01 Solid	Date Sampled: Date Received: Date Analyzed:	09/30/2009 10/02/2009 10/06/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 10.6
Aroclor 1221	ND< 10.6
Aroclor 1232	ND< 10.6
Aroclor 1242	ND< 10.6
Aroclor 1248	ND< 10.6
Aroclor 1254	16.4
Aroclor 1260	ND< 10.6

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect mg / Kg = milligram per Kilogram

alm Signature:

NON Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition 093612P1.XLS requirements upon receipt.



# PCB Analysis Report for Soils/Solids/Sludges

#### Client: LaBella Associates

Client Job Site:	Photech	Lab Project Number: Lab Sample Number:	
Client Job Number: Field Location: Field ID Number: Sample Type:	N/A Around glass block windows C-02 Solid	Date Sampled: Date Received: Date Analyzed:	09/30/2009 10/02/2009 10/07/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 94.3
Aroclor 1221	ND< 94.3
Aroclor 1232	ND< 94.3
Aroclor 1242	ND< 94.3
Aroclor 1248	ND< 94.3
Aroclor 1254	473
Aroclor 1260	ND< 94.3

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect mg / Kg = milligram per Kilogram

Signature:

mn Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. 093612P2.XLS

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# LABORATORY ANALYSIS REPORT

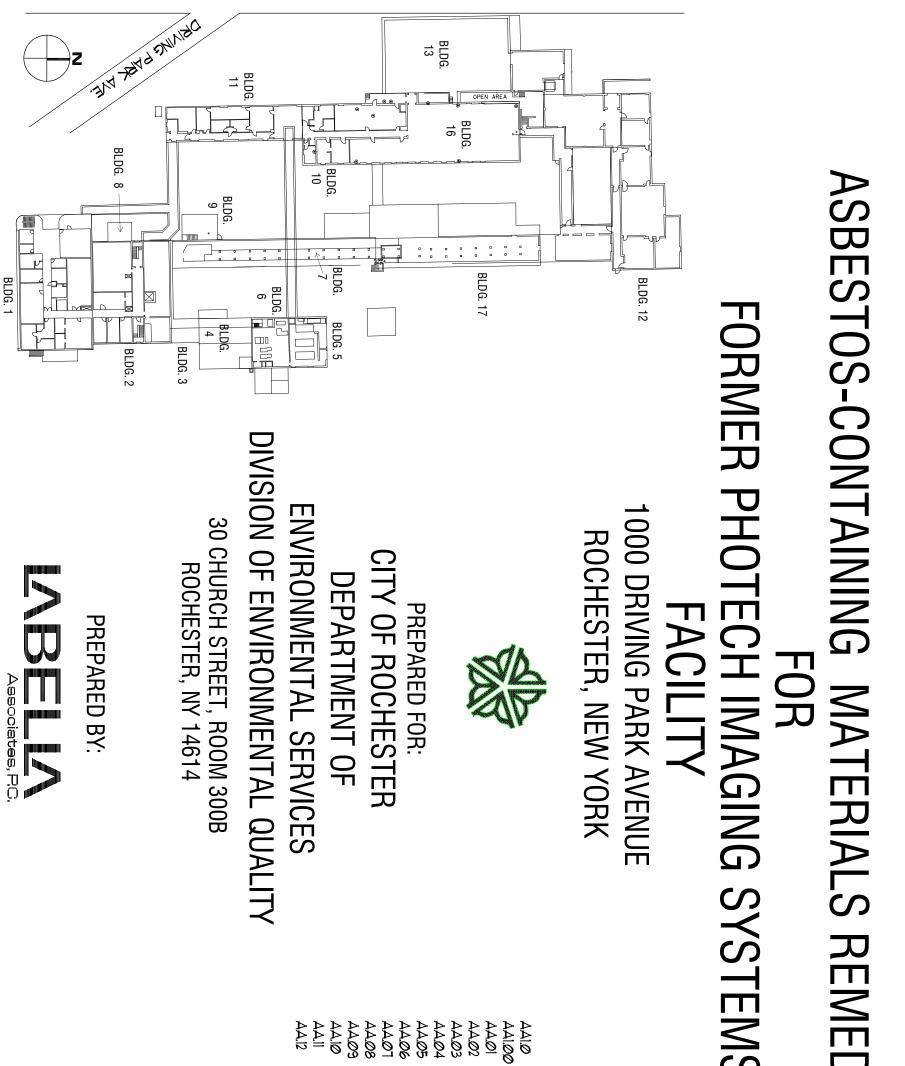
Account: Client: Address: Project Name: Project No.: Job Location: P.O.#:	1126-09-329 LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614-19 Photech 209288 1000 Driving Park 209288 Phase 26	098	Date/T [ Rece	ime Collect ime Receiv Date Report eipt Temp., Sample Mati	ed: 10/17/2009 ed: 10/26/2009 °C: 7 rix: OIL	9:45 AM
Sample Description:	Transformer Liquid			Sample N Sample N	lo: 30358286	
		0				Analyst
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
Polychlorinated Biph	enyls based on SW846 8082 us	sing SLI 017		-11		
Aroclor - 1016	BQL	485	µg/kg	1	10/26/2009 11:48:00	
Aroclor - 1221	BQL	485	µg/kg	1	10/26/2009 11:48:00	
Aroclor - 1232	BQL	485	µg/kg	1	10/26/2009 11:48:00	
Aroclor - 1242	BQL	485	µg/kg	1	10/26/2009 11:48:00	
Aroclor - 1248	BQL	485	µg/kg	1	10/26/2009 11:48:00	
Aroclor - 1254	BQL	485	µg/kg	1	10/26/2009 11:48:00	
Aroclor - 1260	BQL	485	µg/kg	1	10/26/2009 11:48:00	
Aroclor - 1262	BQL	485	µg/kg	1	10/26/2009 11:48:00	A SKS
	enyls based on SW846 8082	Surrogate Recov	eries usin	ig SLI 017		
Surrogate DCB	Recovery 248%					
TCMX	110%					
STARS (Spill Technol	ogy And Remediation Series)	Semivolatile Co	mpounds	using SLI 01	5	
Acenaphthene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Anthracene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Benz(a)anthracene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Benzo(b)fluoranthe	ne BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Benzo(k)fluoranthe	ne BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Benzo(g,h,i)perylen	e BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Benzo(a)pyrene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Chrysene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Dibenz(a,h)anthrac	ene BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Fluoranthene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Fluorene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Indeno(1,2,3-cd)py	rene BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Phenanthrene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS
Pyrene	BQL	754150	µg/kg	1	10/26/2009 12:46:00	P SKS

Sample Description: <sub>Ti</sub>	ansformer Liquid			Sample N Sample N	<b>lo</b> .: 30358286 <b>lo.:</b> 1	
Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
STARS (Spill Technology	And Remediation Series)	- Semivolatile Cor	npounds	Surrogate	Recoveries using SI	L
Surrogate	Recovery					
2-Fluorobiphenyl	0%					
2-Fluorophenol	0%					
Nitrobenzene d-5	0%					
Phenol d-5	0%					
Terphenyl d-14	0% 0%					
2,4,6-Tribromophenol						
STARS (Spill Technology	And Remediation Series)					
Benzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	
n-Butylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
sec-Butylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
tert-Butylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
Ethylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
Isopropylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
p-Isopropyltoluene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
Naphthalene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
n-Propylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
Toluene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
1,2,4-Trimethylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
1,3,5-Trimethylbenzene	BQL	50	µg/kg	50	10/26/2009 11:48:0	0 A SKS
m-,p-Xylene	BQL	200	µg/kg	50	10/26/2009 11:48:0	0 A SKS
o-Xylene	BQL	100	µg/kg	50	10/26/2009 11:48:0	0 A SKS
STARS (Spill Technology	And Remediation Series)	- Volatile Compou	ınds Su	rrogate Rec	overies using SLI O1	4
Surrogate	Recovery					
Dibromofluoromethane	90%					
1,2-Dichloroethane d-4	102%					
Toluene d-8	94%					
4-Bromofluorobenzene	96%					

Bernard Howard

Reviewed By: Bernard H. Howard, Supervisor

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PROJECT LOCATION

# **NEDIATION**

# DRAWING INDEX:

BLDG: 11 BLDG: 7, 9 4 10 BLDG. 16 GENERAL ASBESTOS ABATEMENT NOTES BLDG: 1, 2 & 8 FIRST FLOOR BLDG: 1 & 2 SECOND FLOOR BLDG: 1 & 2 THIRD FLOOR AND PENTHOUSE BLDG. 1 & 2 BASEMENT BLDG: 5, 6 ¢ CARPENTERS BLDG: BLDG: 12 BLDG: 11 BLDG. 3 4 4

OVERALL ROOFING & FLASHING

# DATE: 11/09 BID SET

DEMOLITION OF THE EXISTING BUILDINGS IS NOT INCLUDED IN THIS CONTRACT. THE CONTRACTOR SHALL PROPERLY REMOVE AND DISPOSED OF ALL OF THESE MATERIALS PRIOR TO BUILDING DEMOLITION. THE CONTRACTOR IS HEREBY NOTIFIED OF THE PRESENCE OF ASBESTOS-CONTAINING MATERIALS LOCATED THROUGHOUT THE SITE.

AN ASBESTOS MATERIAL SURVEY REPORT FOR THE SITE HAS BEEN COMPILED. THIS REPORT, AND THE INFORMATION CONTAINED WITHIN THE REPORT, SHALL BE CONSIDERED TO BE PART OF THE CONTRACT DOCUMENTS.

THE FOLLOWING GENERAL NOTES APPLY TO ALL CONTRACT DRAWINGS IN THIS BID PACKAGE

ASBESTOS-CONTAINING MATERIALS (ACMS)

PROPERLY REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS (ACMS) AND ASBESTOS-CONTAMINATED ITEMS (ACIS) FROM THE PROJECT SITE AS SHOWN AND/OR NOTED ON THE ATTACHED DRAWINGS, AS INDICATED IN THE PROJECT ACMs INCLUDE THE FOLLOWING: SPECIFICATIONS AND/OR AS DESCRIBED IN THE ATTACHED ASBESTOS MATERIAL SURVEY REPORT. MATERIALS IDENTIFIED TO BE

- \* PIPE INSULATION AND ASSOCIATED INSULATION DEBRIS
- \* WHITE TANK AND DUCT INSULATION
- \* TRANSITE LAB HOODS, WALLS, CABINET LINERS, ELECTRIC BOXES AND ASSOCIATED DEBRIS \* HVAC SYSTEM DUCT/SHEET METAL SEAM SEALANT (VARIOUS COLORS)
- \* FLOOR TILES AND ASSOCIATED MASTIC
- \* BLACK TANK COATING AND PIPE WRAP
- \* BLACK TAR WALL COATING
- BLACK ELBOWS AND SEAM PIPE COVER
- GRAY AND WHITE DUCT INSULATION
- **GRAY VIBRATION CLOTH (HVAC FLEX CONNECTOR** BLACK TANK INSULATION MASTIC
- BLACK ROOF FLASHING AND MAIN FIELD OF ROOF
- \* BLACK DUCT INSULATION
- BLACK SINK MASTIC GRAY COVE MOLDING MASTIC
- \* BLACK TAR ON TUNNEL ROOF
- \* EXTERIOR WALL AND WINDOW CAULK (VARIOUS COLORS)
- \* DRYWALL JOINT COMPOUND (SPACKLE)
- \* TAN CARPET MASTIC
- \* GRAY/BROWN WINDOW GLAZING AND WHITE WINDOW CAULK
- **BOILER GASKET AND BOILER INSULATION**
- \* EXTERIOR FIBROUS TAR
- \* ORANGE SHEET VINYL AND ASSOCIATED MASTIC \* GRAY SHEET VINYL
- \* BLACK ASPHALT SIDING
- \* TAN TANK INSULATION MASTIC
- \* TAN PIPE INSULATION MASTIC
- \* BLACK INTERIOR WALL CAULK
- \* BROWN EXPANSION JOINT MATERIAL
- \* FIRE DOOR INSULATION
- GRAY AND BROWN WALL INSULATION

BID SET

REMOVAL/DISPOSAL SEE SPECIFICATION SECTION 020800 FOR ADDITIONAL INFORMATION AND CONTRACTOR REQUIREMENTS FOR ASBESTOS

- \* LOCATION OF PERSONAL AND WASTE DECONTAMINATION UNITS AND DISPOSAL DUMPSTER COORDINATE THE FOLLOWING WITH THE OWNER'S REPRESENTATIVE:
- \* LOCATION OF WATER HOOK-UP/DRAINAGE
- \* PROJECT SCHEDULING AND PHASING REQUIREMENTS

CONDITIONS INDICATED IN THE PROPOSED SITE-SPECIFIC VARIANCE. AMENDED EFFECTIVE JANUARY 11, 2006, ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND ALL THE OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (CITED AS 12 NYCRR PART 56) AS ALL ASBESTOS ABATEMENT WORK TO BE DONE UNDER THIS CONTRACT SHALL BE IN COMPLIANCE WITH PART 56 OF TITLE 12 OF

THE REQUIREMENTS OF AIR MONITORING AS REQUIRED BY FEDERAL OSHA REGL THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING AND PAYING AN INDEPENDENT THIRD PARTY FIRM TO PERFORM ALL OF **JLATIONS** 

IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO CONVEY THE APPROXIMATE LOCATIONS OF KNOWN ACCESSIBLE ACMS AND SHALL BE REQUIRED TO COOPERATE WITH THE TESTING LABORATORY PERSONNEL. Requirements of Air Monitoring and Analysis as called for in New York State code rule 56. The contractor THE OWNER SHALL BE RESPONSIBLE FOR HIRING AND PAYING AN INDEPENDENT THIRD PARTY FIRM TO PERFORM ALL OF THE Whether shown or not, prior to any demolition activities that might Locations of inaccessible suspect ACMs. The contractor shall remo DISTURB THESE MATERIALS. WE AND DISPOSE OF ALL ACMS FROM THE SITE

U.S. DEPARTMENT OF TRANSPORTATION, EPA AND FEDERAL, STATE AND LOCAL ENTITIES' REGULATIONS, AND ALL OTHER CURRENT LEGAL REQUIREMENTS. THE CONTRACTOR SHALL TRANSPORT AND DISPOSE OF ALL REMOVED ACMS AND SHALL COMPLY FULLY WITH ALL APPLICABLE

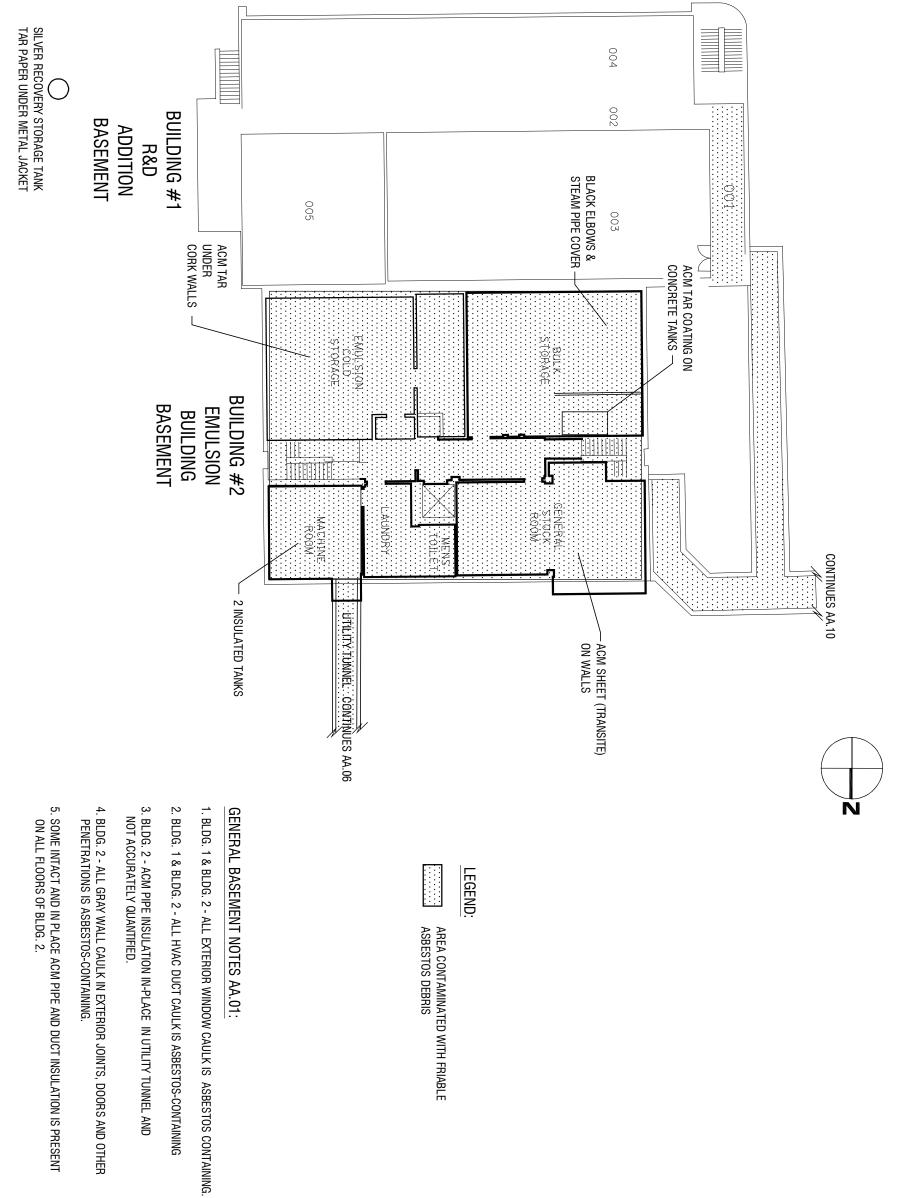
SUSPECT MATERIALS. COOPERATE WITH THE OWNER'S REPRESENTATIVE WITH REGARD TO CONDUCTING ADDITIONAL BULK SAMPLING OF THESE IF ADDITIONAL SUSPECT ASBESTOS-CONTAINING MATERIAL IS DISCOVERED DUI CONTRACTOR SHALL STOP WORK AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY. THE CONTRACTOR SHALL ING THE COURSE OF THE WORK, THE

TO BE ENCOUNTERED WHEN BEGINNING WORK ON THE PROJECT FIELD VERIFY CONDITIONS SHALL BE BORNE SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID. CONSEQUENCES OF FAILURE TO THE CONTRACTOR SHOULD CONSIDER THE CURRENT CONDITIONS OF THE SITE TO BE REPRESENTATIVE OF CONDITIONS EXPECTED

DRAWINGS ARE NOT TO SCALE.

ISSUE DATE: NOVEMBER	AA1.0	GEN	REVISIONS: NO. DATE BY DESC A A A A A A A A A A A A A	FORMER PHOTECH IMAGING SYSTEMS FACILITY 1000 DRIVING PARK AVE. ROCHESTER, NEW YORK		LLA ociates, P.C.
3ER 2009	DRAWNEY: DLS CHEDISED BY: TK PROJECTINGR TK PROJECT ND. 200208	ERAL TES	RIPTION	REMOVAL PLAN	300 STATE STREET ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066	WWW.LABELLAPC.COM



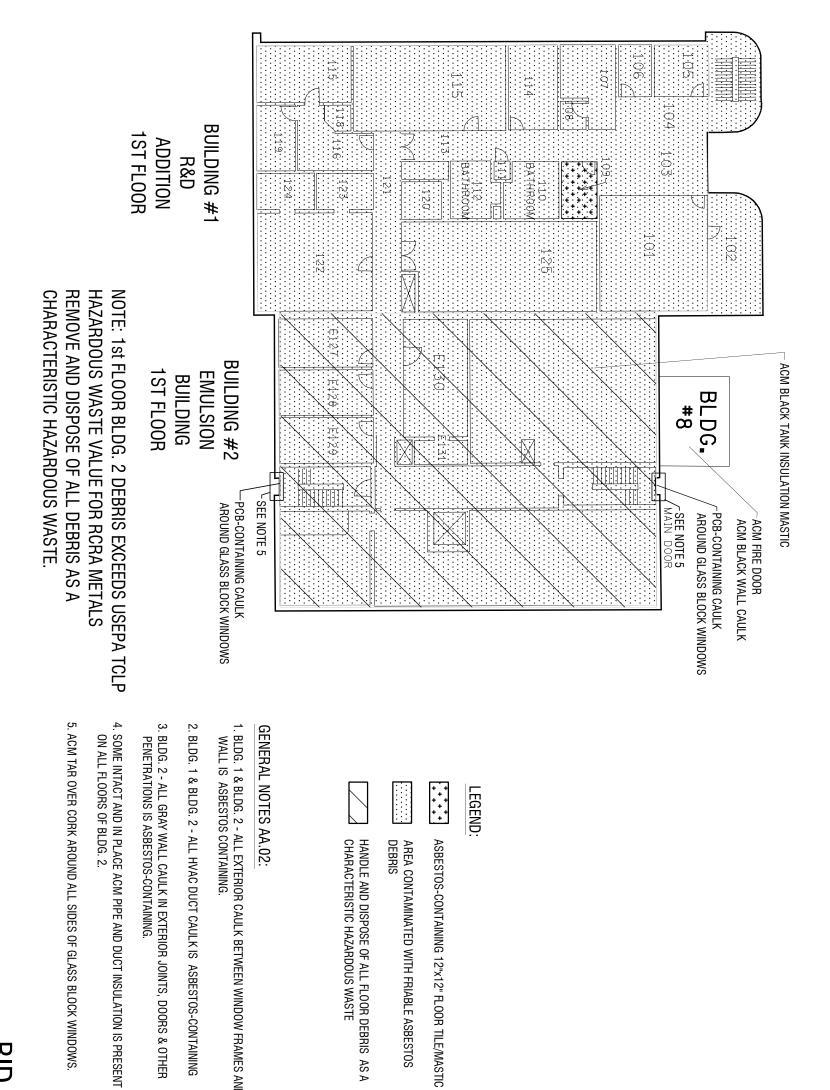


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DRAWING NO: AA.01 SSUE DATE: NOVEMBER	FORMER PHOTECH IMAGING SYSTEMS FACILITY 1000 DRIVING PARK AVE. ROCHESTER, NEW YORK	Associates, P.C.
BER 2009	ASBESTOS-CONTAINING MATERIALS REMEDIATION PLAN PROJECT NO. 209288	300 STATE STREET WWW.LABELLAPC.COM ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066 copyright © 2008

4. BLDG. 2 - ALL GRAY WALL CAULK IN EXTERIOR JOINTS, DOORS AND OTHER PENETRATIONS IS ASBESTOS-CONTAINING.

AREA CONTAMINATED WITH FRIABLE ASBESTOS DEBRIS





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SSUE DATE: NOVEMBER		BLDG 1st F	DEVISIONS:	FORMER PHOTECH IMAGING SYSTEMS FACILITY 1000 DRIVING PARK AVE. ROCHESTER, NEW YORK	Associates, P.C.
3ER 2009	DRAWN BY: DLS CHECK DD BY: TK PROJECTING: TK PROJECT ND: 2002288	1, 2 & 8 LOOR	CRIPTION	ASBESTOS-CONTAINING MATERIALS REMEDIATION PLAN PROJECT NO. 209288	300 STATE STREET WWW.LABELLAPC.COM ROCHESTER, NY 14614 P: (585) 454-6110 F: (585) 454-3066 copyright to 2008

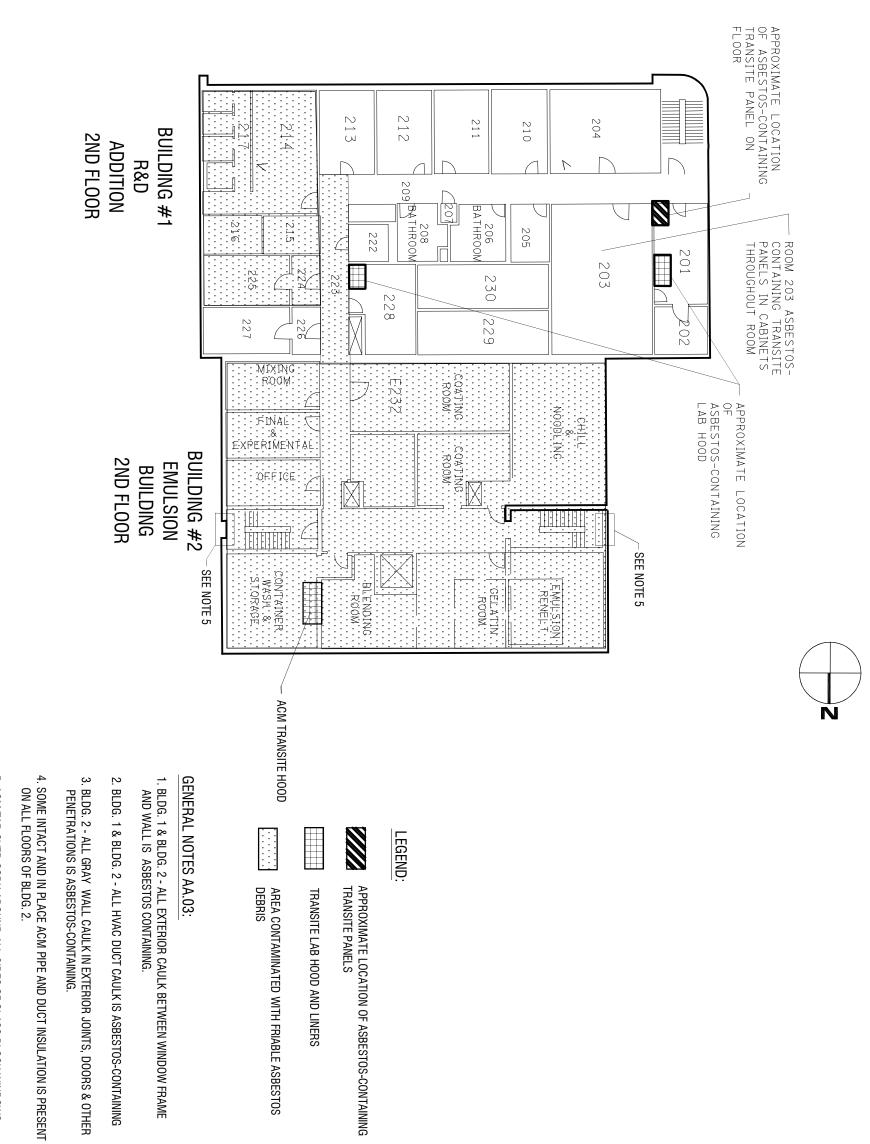
3. BLDG. 2 - ALL GRAY WALL CAULK IN EXTERIOR JOINTS, DOORS & OTHER PENETRATIONS IS ASBESTOS-CONTAINING.

2. BLDG. 1 & BLDG. 2 - ALL HVAC DUCT CAULK IS ASBESTOS-CONTAINING

1. BLDG. 1 & BLDG. 2 - ALL EXTERIOR CAULK BETWEEN WINDOW FRAMES AND WALL IS ASBESTOS CONTAINING.

CHARACTERISTIC HAZARDOUS WASTE AND DISPOSE OF ALL FLOOR DEBRIS AS A AREA CONTAMINATED WITH FRIABLE ASBESTOS

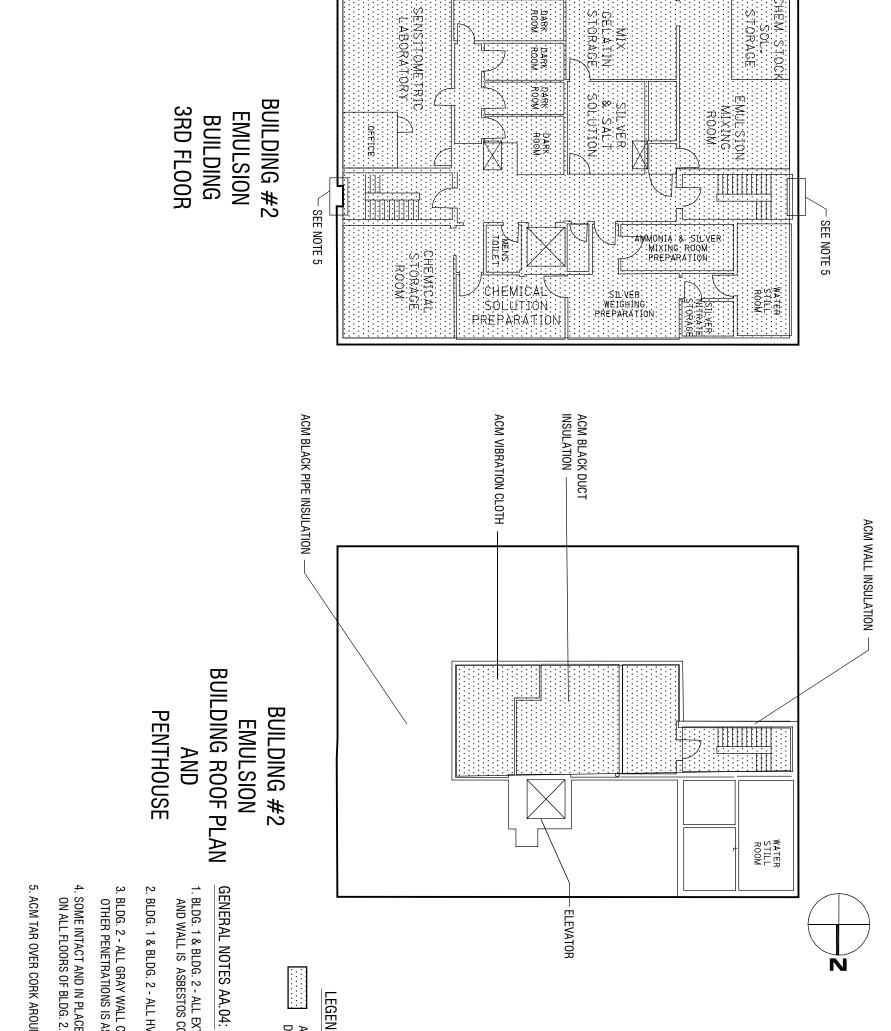
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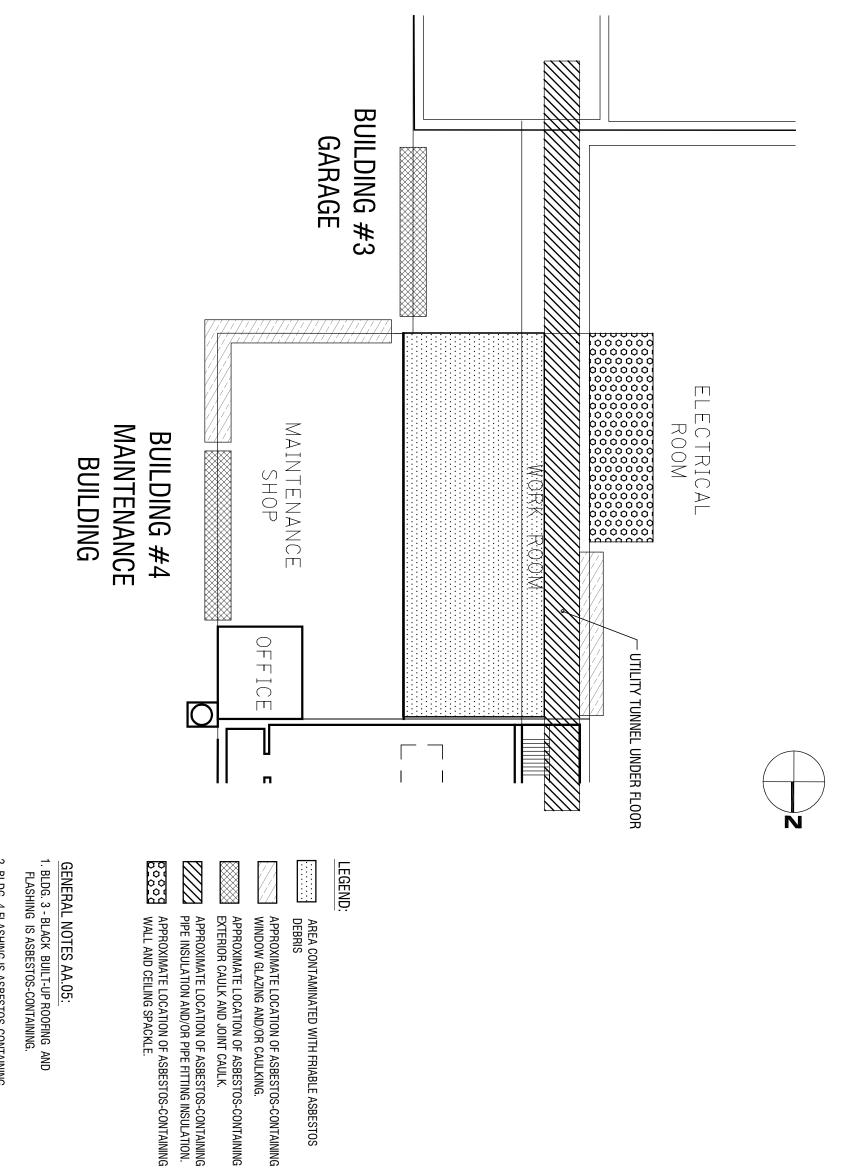
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1. BLDG. 1 & BLDG. 2 - ALL EXTERIOR CAULK BETWEEN WINDOW FRAME AND WALL IS ASBESTOS CONTAINING.

AREA CONTAMINATED WITH FRIABLE ASBESTOS DEBRIS

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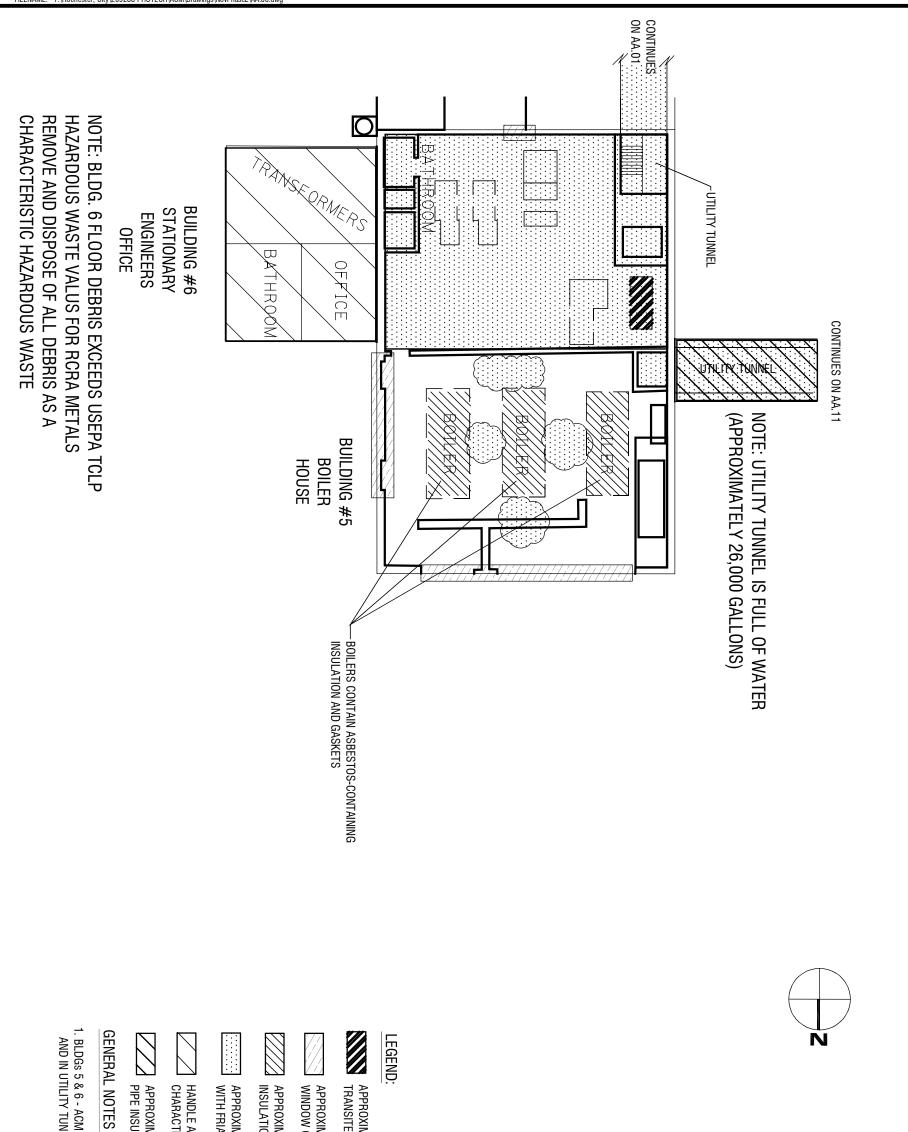
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2. BLDG. 4 FLASHING IS ASBESTOS-CONTAINING.

APPROXIMATE LOCATION OF ASBESTOS-CONTAINING EXTERIOR CAULK AND JOINT CAULK. APPROXIMATE LOCATION OF ASBESTOS-CONTAINING PIPE INSULATION AND/OR PIPE FITTING INSULATION.

APPROXIMATE LOCATION OF ASBESTOS-CONTAINING WINDOW GLAZING AND/OR CAULKING.



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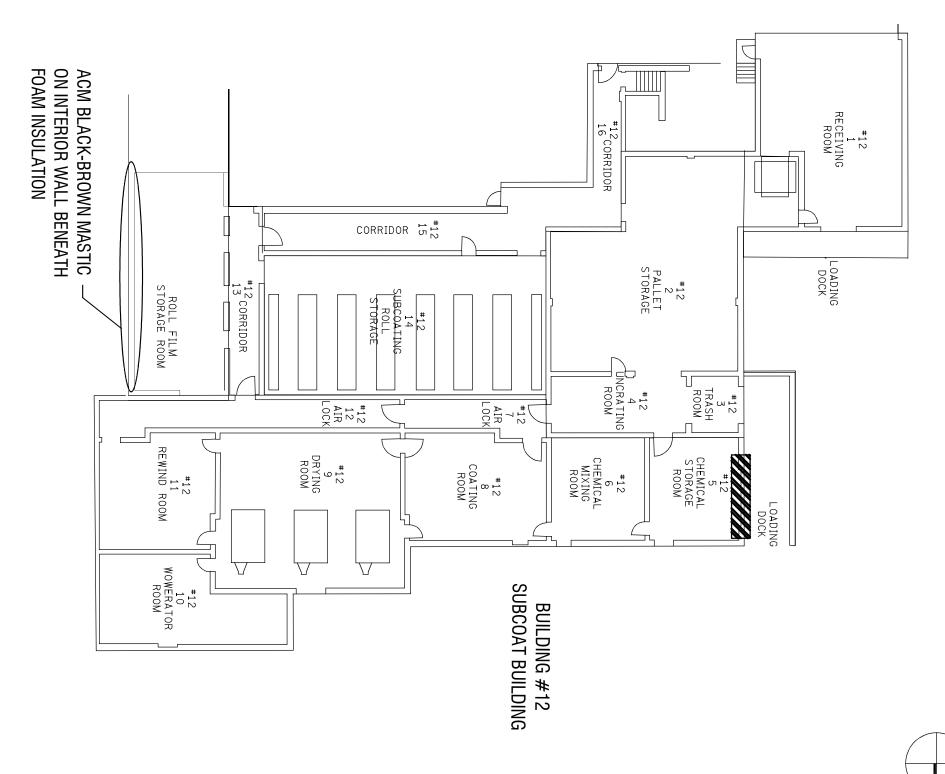
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APPROXIMATE LOCATION OF AREA CONTAMINATED WITH FRIABLE ASBESTOS DEBRIS.

APPROXIMATE LOCATION OF ASBESTOS-CONTAINING INSULATION AND GASKETS

APPROXIMATE LOCATION OF ASBESTOS-CONTAINING WINDOW GLAZING AND/OR CAULKING.

APPROXIMATE LOCATION OF ASBESTOS-CONTAINING TRANSITE PANELS.

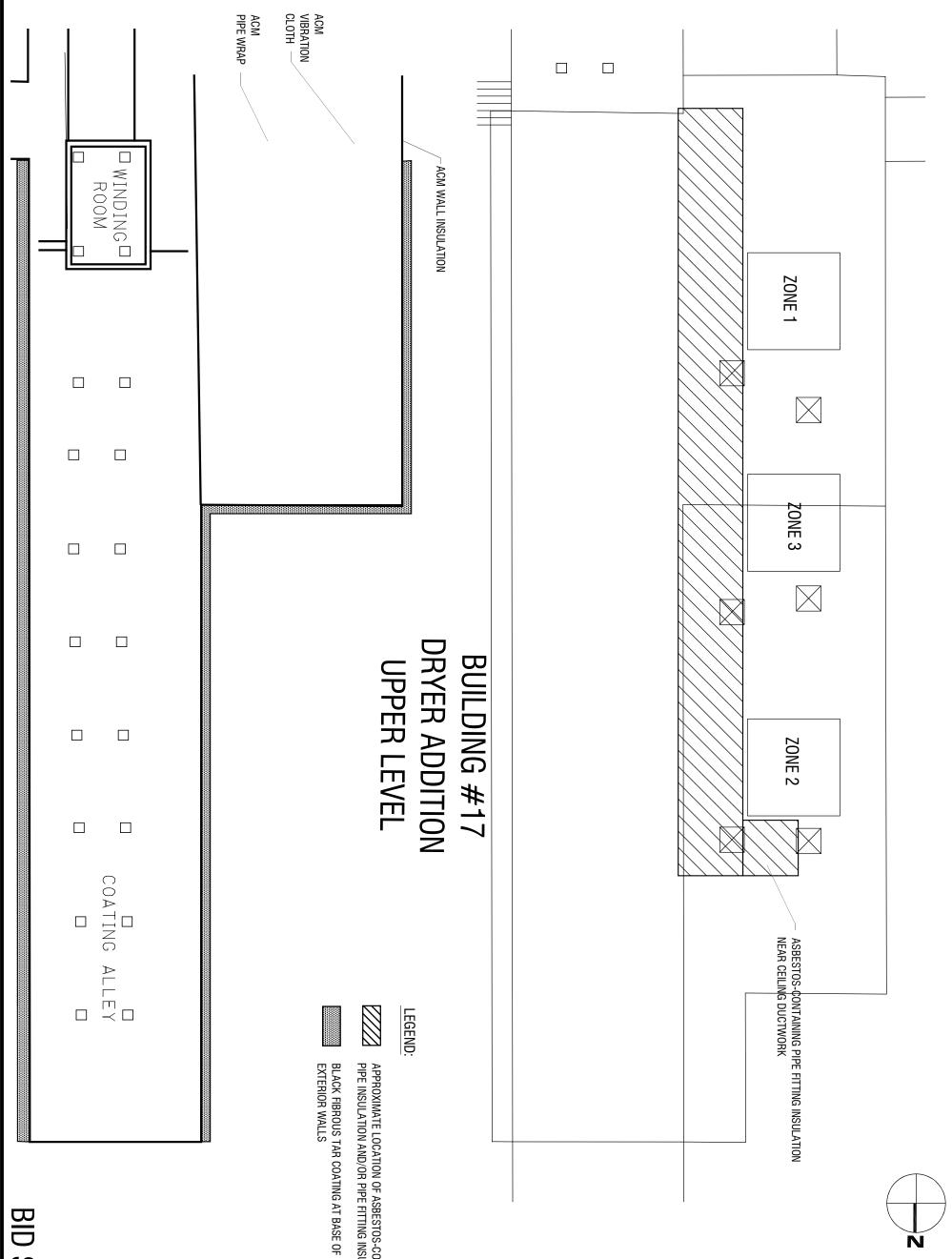




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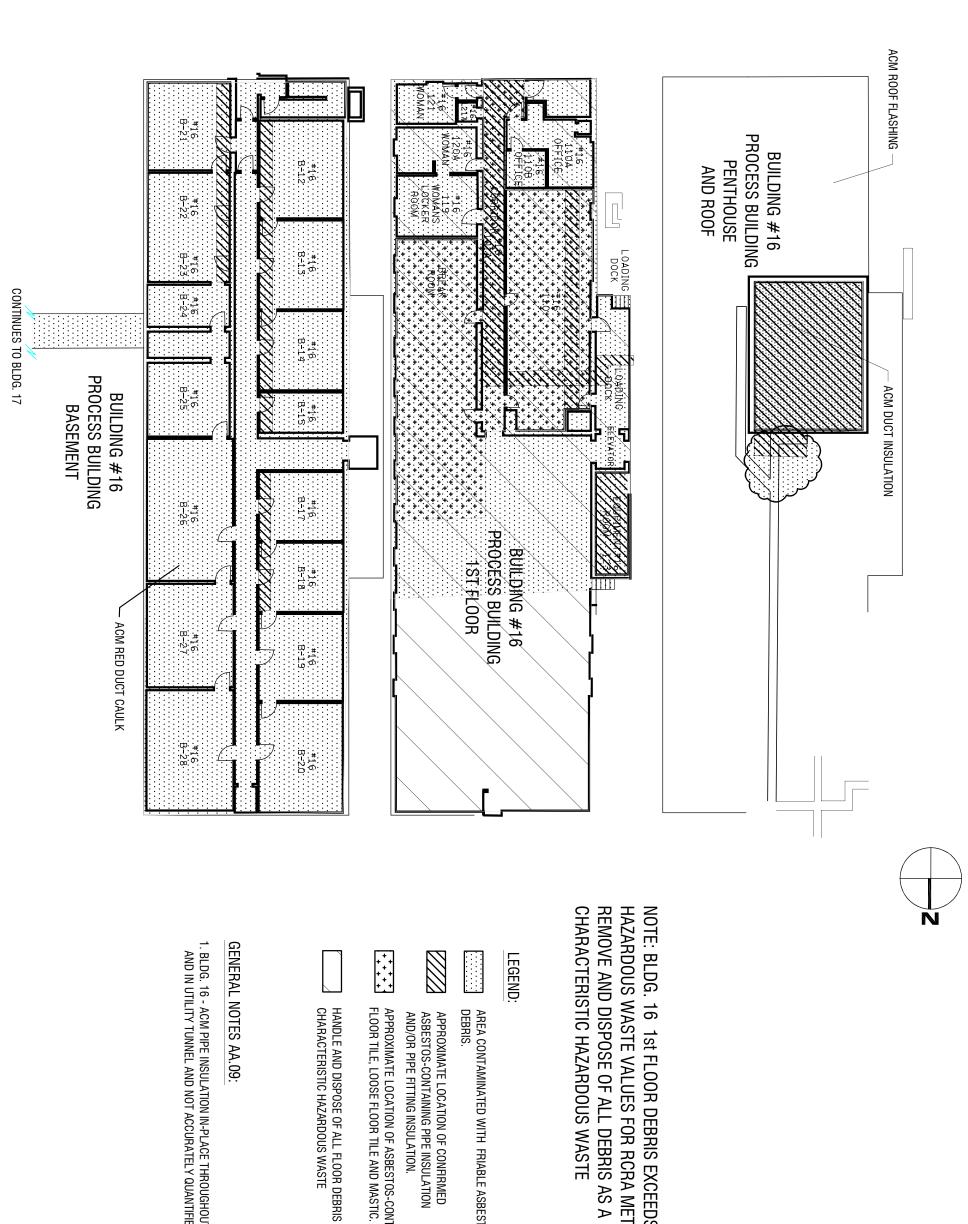


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AREA CONTAMINATED WITH FRIABLE ASBESTOS DEBRIS.

APPROXIMATE LOCATION OF CONFIRMED ASBESTOS-CONTAINING PIPE INSULATION AND/OR PIPE FITTING INSULATION.

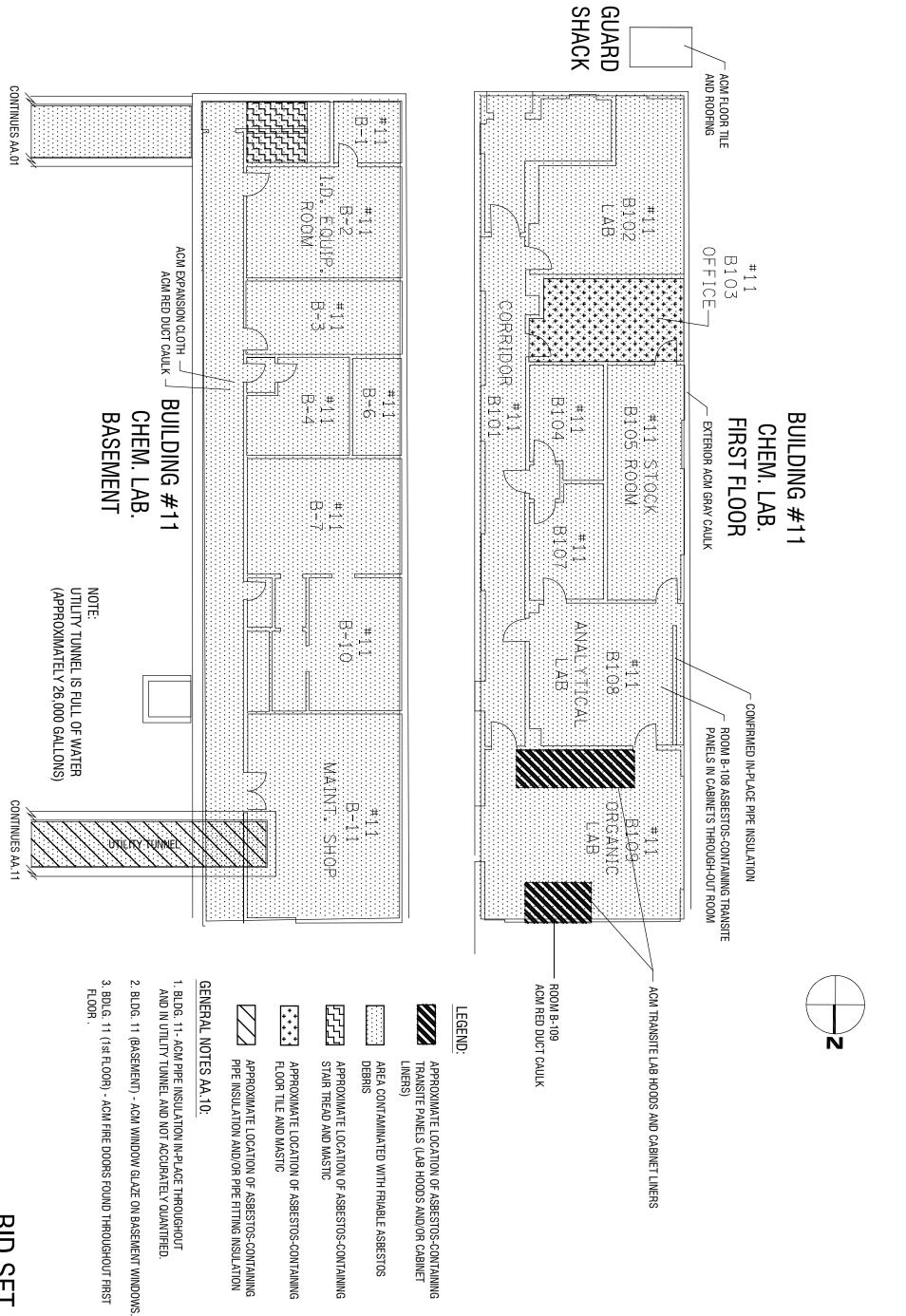
APPROXIMATE LOCATION OF ASBESTOS-CONTAINING FLOOR TILE, LOOSE FLOOR TILE AND MASTIC.

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\_INERS) **TRANSITE PANELS (LAB HOODS AND/OR CABINET VPROXIMATE LOCATION OF ASBESTOS-CONTAINING** 

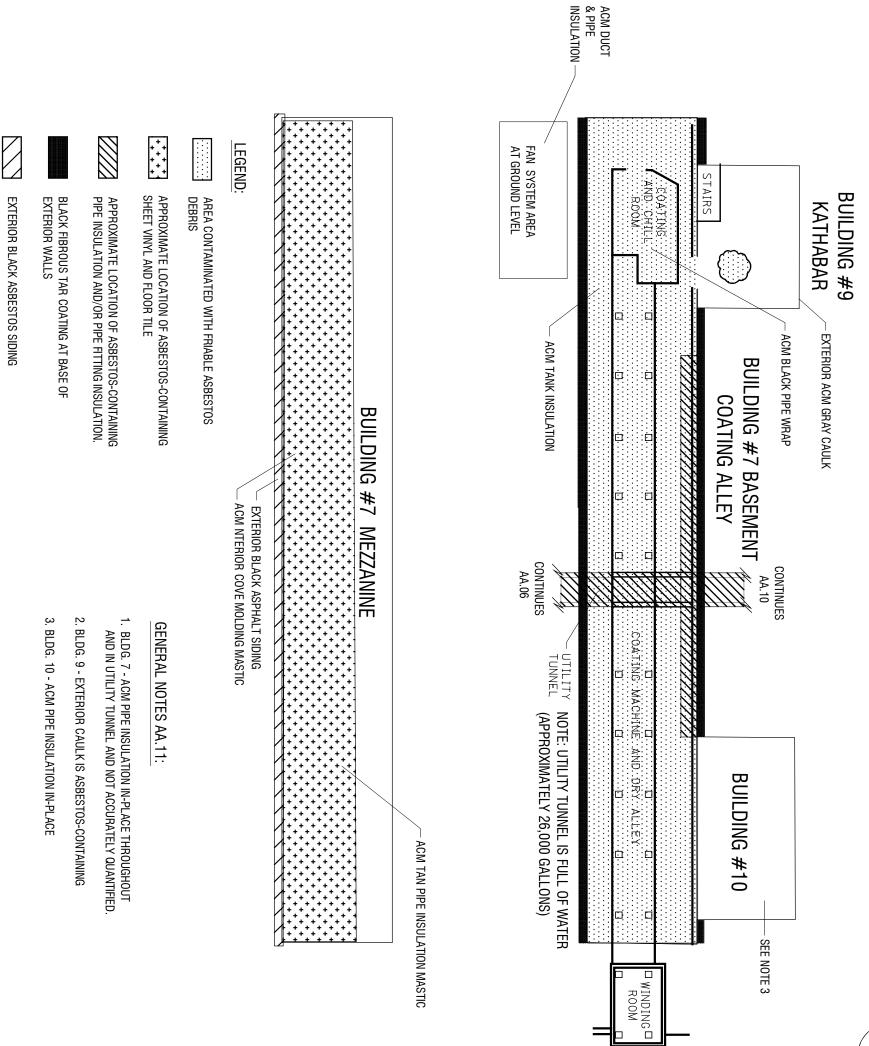
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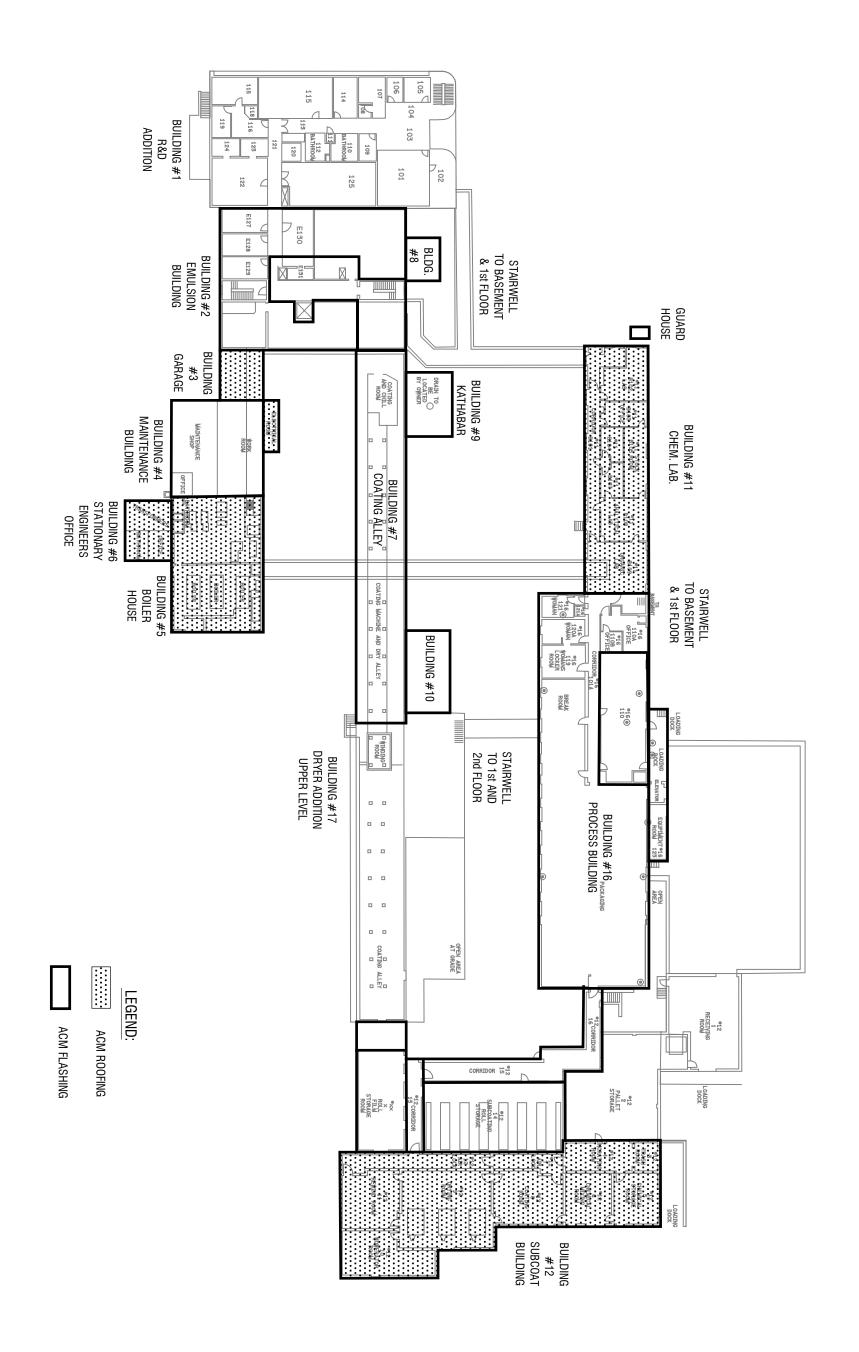




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300 State Street Rochester, New York 14614

# **Appendix 1**

**Asbestos Survey Report** 



Engineering Architecture Environmental

## Asbestos Materials Survey

Location: Former Photech Facility 1000 Driving Park Avenue Rochester, New York

Prepared for:

City of Rochester Division of Environmental Quality City Hall Room 300B, 30 Church Street Rochester, New York 14614-1290

LaBella Project No. 209288.03

November 2009

## Asbestos Materials Survey

Location: Former Photech Facility 1000 Driving Park Avenue Rochester, New York

Prepared for:

City of Rochester Division of Environmental Quality City Hall Room 300B, 30 Church Street Rochester, New York 14614-1290

LaBella Project No. 209288.03

November 2009

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- Appendix A Asbestos Survey Fact Sheet
- Appendix B Site Plan/Building Identification
- Appendix C Licenses and Certifications
- Appendix D Laboratory Analyses Reports
- Appendix E Reports By Others

## I. Project Summary & Site Description

LaBella Associates, P.C. conducted an asbestos materials survey of the former Photech Facility located at 1000 Driving Park Avenue in the City of Rochester, New York. Although this survey was conducted in a manner consistent with recognized professional practices, the level of investigation/testing conducted by LaBella Associates was limited to efforts sufficient to supplement previous reports in order to satisfy the requirements of recently updated New York State regulations for a pre-demolition survey.

The Site is located at 1000 Driving Park Avenue in the City of Rochester, New York and it is comprised of 12.5 acres of land that include various building, sewer and utility improvements. A total of 15 buildings comprising approximately 108,000 square feet of space are currently on the Site. The facility consists of numerous buildings with reported construction dates ranging from circa 1948 to as recent as the early 1980's. Building construction for the facility varies, i.e. one-story brick buildings with full basements, two-story production areas and multi-story offices and laboratories. These buildings formerly housed various manufacturing, laboratory, office, and warehouse operations. A series of below ground tunnels connect several buildings. The buildings on the Site are currently vacant and in a state of disrepair. Refer to Appendix B for the Site Plan.

The Site is currently bound by: Driving Park Avenue to the south; Holleder Industrial Park to the north; Rochester Distribution Unlimited, Inc. to the east; and Electronic Media Solutions, Inc. to the west. Directly to the south of Driving Park Avenue is the Delphi manufacturing facility. The Site is approximately 1000 feet east of Mt. Read Boulevard and 2 miles east of Interstate Route 390.

The Site was originally developed in 1948 for the purpose of manufacturing photographic film and paper. It continued to be used for the manufacturing of various types of film up until 1991. Several different companies have owned and operated the facility at the Site for photographic paper and film production since its construction in 1948. The most recent owner, Photech Imaging Systems, Inc., ceased operations and abandoned the facility in 1991. Large amounts of chemicals, wastes, and various supplies and materials were left "as-is" on-site when the facility was abandoned. Since closure, the buildings have been vandalized, with ceilings, walls, piping and equipment severely damaged. As a result, asbestos and chemical residues are suspected to be present in many interior areas of the buildings. In addition, available historical information shows evidence of impacts to the subsurface from past Site operations.

The buildings are generally composed of concrete, brick and steel construction, with a few small shed structures constructed of wood and/or metal sheeting. When in operation, the facility was serviced by electric, natural gas, and public sewer utilities. A full-scale fire suppression system is also present at the site. With the exception of the sewer drainage system, the utilities are currently disconnected from service. Exterior to the buildings at the Site, the property has a mix of grassy and asphalt covered areas.

## **II.** Document Review

To help facilitate the completion of the Asbestos Pre-Demolition Survey LaBella reviewed all available reports previously completed for the Site. Relevant information from the historical documents has been included in the findings of this report. Reports reviewed by LaBella include;

**LABELIA** 

## Brownfield Restoration Group - Asbestos Survey at the Photech Imaging Systems (April-June 1999):

BRG subcontracted Paradigm Environmental Services, Inc. (Paradigm) to conduct sampling for ACMs. Asbestos sampling was conducted in two phases (i.e., Phase I and Phase II asbestos sampling). Phase I asbestos sampling included environmental air sampling and wipe sampling for ACMs present on building walls, floors, and equipment to determine and establish the appropriate regulated areas within the buildings. Also as part of the Phase I asbestos sampling, Paradigm collected wipe samples inside the buildings from walls, floors, equipment, and other surfaces.

The Phase II asbestos sampling (i.e., facility wide asbestos survey) was conducted between April and June 1999. The asbestos survey was conducted to determine the location and quantity of ACMs present in the facility buildings. Initially, Paradigm observed and documented the materials used in building construction, including: floors, walls, ceilings, surfacing materials, thermal insulation systems, roofing materials, etc. in order to determine the appropriate sampling necessary. Two hundred and twelve (212) SACM samples were subsequently collected during the Paradigm asbestos survey. The samples were generally collected in accordance with procedures and guidelines commonly used and accepted in New York State. The SACM samples were initially analyzed for asbestos using PLM NIOSH Method 9002. Based on the PLM test results, 65 of the SACM samples were identified as NOB materials and therefore the results were considered inconclusive (i.e., PLM analysis is not consistently reliable in detecting asbestos in NOB materials). NOB materials are typically roofing materials, floor tiles, mastics, vinyl, etc. As such, 44 of the 65 samples identified as NOB materials were analyzed for asbestos using TEM analysis using NYSDOH ELAP Method 198.1 and 198.4. The other 21 NOB samples were identified as Presumed-ACMs (PACMs) since these samples represented small volumes of material and sampling did not appear cost effective.

#### Paradigm Environmental Services - Miscellaneous Asbestos Sampling:

Paradigm Environmental Services completed some miscellaneous sampling activities for the City of Rochester during the course of the Site Investigation/Remedial Alternatives phase of the project. Much of the data was collected in 2008. The information and data provided was reviewed by LaBella and incorporated into the asbestos pre-demolition survey and as appropriate.

Refer to Section IV for asbestos containing materials identified in these historical reports. See Appendix E for copies of Brownfield Restoration Group and Paradigm Environmental Services analytical data and site plans.

## **III.** Survey Procedures

The following procedures were used to obtain the data for this Report:

- A. Existing documentation was reviewed to develop and understanding of previously identified, sampled and confirmed asbestos-containing materials.
- B. A visual inspection of the site was conducted to confirm the presence of previously identified ACM and to identify suspect asbestos-containing materials not previously sampled. All buildings and spaces were inspected as thoroughly as possible. Due to the extremely poor condition and unsafe nature of many areas of the buildings, not all areas underwent as thorough a re-inspection as would normally occur. Both the interior and exterior of the buildings were examined for the possible presence of asbestos.



- C. Bulk samples of suspected asbestos-containing materials (ACMs) were collected during the site inspection.
- D. Asbestos samples were submitted for analysis. Preliminary Polarized Light Microscopy analyses of non-friable, organically bound (NOB) materials were performed by LaBella Laboratories, a NYSDOH approved laboratory, to determine the presence and percentage of asbestos in each sample. Transmission electron microscopy analyses of NOB materials, if necessary, were performed by AMA Analytical, Inc.
- E. Lab results were used to determine the approximate location, type, and amount of the verified ACMs. Results of bulk sample analyses are tabulated in the attached Asbestos Sampling Forms.
- Limitations: The site has reportedly been vacant since 1991 and has fallen into a state of disrepair. Much of the interior space has been significantly disturbed by the unauthorized removal of building components presumably for its salvage value. Only accessible areas were inspected. In addition, several buildings were partially inaccessible due to poor building conditions, i.e. collapsed roof, asbestos-containing debris contamination.

## **IV.** Results

Based on information obtained using the procedures described in the Survey Procedures portion of this report (below), the following summarizes the results of this and previous investigations:

## **Confirmed Asbestos-Containing Materials (ACMs)**

Based on laboratory analyses of bulk samples collected from the structures located at the site, the following materials were determined to contain asbestos (refer to Appendix B for a specific building location and identification):

## **BUILDING 1 - FORMER RESEARCH & DEVELOPMENT BUILDING**

Building 1 is located on the southern portion of the Site and is a two-story structure constructed in the 1980's. Building 1 is approximately 6,500 square feet including the basement. Building 1 consists predominantly of research laboratories, equipment storage, and office space.

Type of	Typical Location	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
Gray/Brown Window Caulk	Exterior of Building 1 Between Window Frame and Window Openings	AA.01, AA.02, AA.03	General Note #1	900 Linear Feet (48 Windows)	Non-Friable, Fair

LaBella - Asbestos Materials Survey (2009)

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Grey Transite	Cabinets and Fume Hoods (also debris on floor)	AA.03	See Legend on Figure	600 Square Feet
Pipe Insulation	Scattered Throughout Portions of Building	AA.02, AA.03	See Legend on Figure	NA
Red Duct Caulk	On All Metal Duct Seams	AA.01, AA.02, AA.03	General Note #2	NA
Grey 12" x 12" Floor Tile and Mastic	Room 109, Floor	AA.02	See Legend on Figure	~100 Square Feet

## **BUILDING 2 – FORMER EMULSION BUILDING**

Building 2 was part of the original facility constructed in 1948 and is a four-story structure with a basement located just to the North of Building 1 in the Southern portion of the Site. Building 2 is approximately 5,000 square feet and consisted mainly of chemical preparation, mixing, and storage rooms as well as additional laboratory space.

#### LaBella Asbestos Materials Survey (2009)

Type of	Typical Location	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
Black Fibrous Flashing	Roof	AA.04, AA.12	"ACM Black Flashing"	NA	Non-Friable, Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Pipe Insulation	In Place and Scattered Throughout Portions of Building	AA.01- AA.04	See Legend on Figures	5,860 Linear Feet Total, ~2,100 Linear Feet Intact
White Tank Insulation	Two Tanks in Basement Machine Room	AA.01	"2 Insulated Tanks"	1,200 Square Feet
White/Grey Duct Insulation	In Place and Scattered Throughout Portions of Building	AA.01- AA.04	See General Note 6	6,200 Linear Feet Total, ~4,100 Linear Feet Intact
Grey Transite	Basement, General Stock Room	AA.01	"ACM Sheet (Transite) on Walls"	1,500 Square Feet
Black Tank Coating	Basement, Bulk Storage Area	AA.01	"Tar Coating on Concrete Tanks"	650 Square Feet

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Black Tar	Basement, Emulsion Cold Storage Under Cork Walls and on Cork Around Glass Block Windows	AA.01	"ACM Tar Under Cork Walls" Seen <i>General Note</i> 7	4,000 Square Feet
Black Elbows and Steam Pipe Cover	Basement, Bulk Storage Room	AA.01	"Black Elbows and Steam Pipe Cover"	370 Linear Feet
Black Tank Insulation Mastic	1 <sup>st</sup> Floor, Room 111B	AA.02	"ACM Black Tank Insulation Mastic"	580 Square Feet
Grey Transite	2 <sup>nd</sup> Floor, Container Wash & Storage Room Fume Hood	AA.03	"ACM Transite Hood"	80 Square Feet
Grey Vibration Cloth	Penthouse	AA.04	"ACM Vibration Cloth"	60 Linear Feet
Grey Wall Insulation	Penthouse	AA.04	"ACM Wall Insulation"	30 Square Feet
Black Flashing	Roof	AA.04, AA.12	"ACM Black Flashing"	420 Square Feet
Black Duct Insulation	Penthouse	AA.04	"ACM Black Duct Insulation"	125 Square Feet
Black Pipe Insulation	Roof	AA.04	"ACM Black Pipe Insulation"	100 Linear Feet
Grey Wall Caulk	All Exterior Joints, Doors, and Other Penetrations	AA.01- AA.04	See General Note #4	NA
Grey Window Caulk	Exterior of Building 2 Between Window Frame and Window Openings	AA.01- AA.04	See General Note #1	NA

## **BUILDING 3 – FORMER GARAGE**

Building 3 was part of the original facility constructed in 1948 and is located adjacent to the North of Building 2. Building 3 is a one-story garage that is approximately 600 square feet and was used as storage for the Maintenance Shop (Building 4).

LaBella - Asbestos Materials Survey (2009)

Type of	Typical Location	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
Black Built-up Roofing	Roof (Some on Floor of Garage)	AA.12	NA	400 Square Feet	Non-Friable / Fair-Poor

•

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Garage	AA.05	See Legend on Figure	2 Linear Feet
Black Roof Flashing	Roof	AA.12	NA	80 Square Feet
Tan Exterior Caulk	East Wall Around Garage Door	AA.05	See Legend on Figure	30 Linear Feet

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

## **BUILDING 4 – FORMER MAINTENANCE BUILDING**

Building 4 was part of the original facility constructed in 1948 and is located adjacent to Building 3 to the South and Building 6 to the North. Building 4 is a one-story structure that is approximately 1,500 square feet and was used as a Maintenance Shop.

LaBella - Asbestos Materials Survey (2009)

Type of	Typical Location	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
White Window Glazing	Window Between Glass Pane and Steel Frame	AA.05	See <i>Legend</i> on Figure	7 Windows	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Wall Spackle	Electric Room Walls and Ceilings*	AA.05	See Legend on Figure	760 Square Feet **
White Pipe Insulation	Work Room (Some on Floor as Debris)	AA.05	See Legend on Figure	80 Linear Feet
Black Roof Flashing	Roof	AA.12	NA	200 Square Feet
Grey Exterior Wall Caulk	East Wall Around Garage Door	AA.05	See Legend on Figure	23 Linear Feet
Black Exterior Joint Caulk	East Wall Around Garage Door	AA.05	See Legend on Figure	Not Quantified

\* The former Electrical Room is in poor condition and a large portion of the asbestos-containing wall spackle is located on the ground surface of the space and the areas immediately adjacent to the space.

\*\* Most of the walls and ceiling are painted and it is not possible to determine the exact extent and locations of the wall spackle. Therefore, for removal estimating purposes, it is assumed that the wall spackle will be removed along with the underlying drywall.



## **BUILDING 5 – FORMER BOILER HOUSE**

Building 5 was part of the original facility constructed in 1948 and is located adjacent to the North of Building 6. Building 5 is a two-story structure with no basement that is approximately 2,250 square feet and was the former boiler house.

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Window Glazing	Window Between Glass Pane and Steel Frame	AA.06	See <i>Legend</i> on Figures	8 Windows	Non-Friable / Fair
Black Roofing	Roof, First Layer & Third Layer	AA.06, AA.12	See <i>Legend</i> on Figures	1,200 Square Feet	Non-Friable / Fair
Black Roof Flashing	Roof	AA.06, AA.12	See <i>Legend</i> on Figures	NA	Non-Friable / Fair

LaBella - Asbestos Materials Survey (2009)

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Boiler House (Some on Floor as Debris)	AA.06	See Legend on Figure	700 Linear Feet
White Gasket and Boiler Insulation	Boiler House (Some on Floor as Debris)	AA.06	See Legend on Figure	400 Square Feet
Black Roof Membrane	Roof	AA.06, AA.12	"ACM Roof Membrane"	2,400 Square Feet
Black Roof Flashing	Roof	AA.06, AA.12	"ACM Roof Flashing)	200 Square Feet
Transite Sheeting Debris	East of Boiler House Near Former Transformer	AA.06	"ACM Transite Sheeting Debris"	Not Quantified
Grey Transite Panels	Electric Box Enclosure	AA.06	See Legend on Figure	60 Square Feet

## **BUILDING 6 – FORMER STATIONARY ENGINEERS OFFICE**

Building 6 is located adjacent to the North of Building 4 and South of Building 5 and is a one-story structure constructed as an addition in the 1980's. Building 6 is approximately 500 square feet, has no basement, and was utilized as the Stationary Engineers Office.

## LaBella - Asbestos Materials Survey (2009)

Based on laboratory analyses of bulk samples collected from Building 6 by LaBella Associates, no other materials were determined to contain asbestos.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Black Roof Field	Roof	AA.12	NA	700 Square Feet
Black Roof Flashing	Roof	AA.12	NA	150 Square Feet

## **BUILDING 7 – FORMER COATING ALLEY**

Building 7 was part of the original facility constructed in 1948 and is located adjacent to the North of the Northwest portion of Building 2, to the East of Buildings 9 and 10, and to the South of Building 12. Building 17 is above the Northern portion of Building 7 as a majority of the lower level of Building 7 is at or below grade at the Site. Building 7 is a one-story structure that contains a mezzanine above the lower level and is approximately 3,600 square feet. This building was utilized as the coating and drying alley.

LaBella - Asbestos Materials Survey (2009)

Type of	Typical Location	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
Black Roof Flashing	Roof	AA.12	See Legend on Figures	550 Square Feet	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Coating Alley Along West Wall and in Utility Tunnel (Some on Floor as Debris)	AA.11	See <i>Legend</i> and <i>General</i> <i>Note #1</i> on Figure	210 Linear Feet
Grey Duct Insulation	Fan Room	AA.11	"ACM Duct and Pipe Insulation"	180 Square Feet
Grey Sheet Vinyl	Mezzanine Level Floor	AA.11	See Legend on Figure	2,600 Square Feet
Brown Cove Molding Mastic	Mezzanine Level, Base of Eastern Wall	AA.11	"ACM Interior Cove Molding Mastic"	360 Square Feet
Black Pipe Wrap	Coating Alley, Coating and Chill Room	AA.11	"ACM Black Pipe Wrap"	10 Linear Feet
Black Roof Flashing	Roof	AA.12	NA	550 Square Feet
Black Asphalt Siding	Exterior	AA.11	"Exterior Black Asphalt Siding"	4,300 Square Feet
Tan Tank Insulation Mastic	Basement, Coating Alley on Tank	AA.11	"ACM Tank Insulation"	270 Square Feet
Tan Pipe Insulation Mastic	Mezzanine (Some on Floor as Debris)	AA.11	"ACM Tan Pipe Insulation Mastic"	200 Linear Feet (some may no longer be present)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Black Tar	East & West Side Base of Building	AA.11	See Legend	200 Linear Feet

## **BUILDING 8**

Building 8 is located adjacent to the West of Building 2 and is a tall one-story structure constructed as an addition in the 1980's. Building 8 is approximately 330 square feet and has no basement.

LaBella - Asbestos Materials Survey (2009)

Type of	Typical Location	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
Black Roof Flashing	Roof	AA.12	NA	NA	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Black Fire Door Insulation	Door	AA.02	"ACM Fire Door"	64 Square Feet
Black Wall Caulk	Interior Walls	AA.02	"ACM Black Wall Caulk"	120 Linear Feet

## **BUILDING 9 – FORMER KATHABAR**

Building 9 is located adjacent to the West of the Southern portion of Building 7 and is a tall one-story structure constructed as an addition in the 1980's. Building 8 is approximately 570 square feet, has no basement, and housed a Kathabar system.

Type of Material	<b>Typical Location</b>	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Pipe Insulation	Debris on Floor	AA.11	See <i>Legend</i> on Figure	8 Square Feet	Friable / Poor
Black Roof Flashing	Roof	AA.11, AA.12	"ACM Roof Flashing"	100 Square Feet	None-Friable / Fair

LaBella - Asbestos Materials Survey (2009)

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Grey Wall Caulk	Exterior Building Joints and Door Frame Joints	AA.11	"Exterior ACM Grey Caulk"	Not Quantified

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## **BUILDING 10 – FORMER KATHABAR**

Building 10 is located adjacent to the central portion of Building 7 and is a tall one-story structure constructed as an addition in the 1980's. Building 10 is approximately 1,000 square feet, has no basement, and housed a Kathabar system.

## LaBella - Asbestos Materials Survey (2009)

Based on laboratory analyses of bulk samples collected from Building 10 by LaBella Associates, no other materials were determined to contain asbestos.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Intact on Pipes	AA.11	See General Note #3	50 Linear Feet
Black Roof Flashing	Roof	AA.11, AA.12	"ACM Roof Flashing"	100 Square Feet

## **BUILDING 11 – FORMER CHEMICAL LAB**

Building 11 was part of the original facility constructed in 1948 and is located adjacent to the South of Building 16. Building 11 is a one-story structure with a basement and is approximately 3,900 square feet. This building consisted mainly of laboratories and office space.

LaBella - Asbestos Materials Survey (2009)

Type of	Typical Location	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
Black Roof Flashing	Roof	AA.10, AA.12	See <i>Legend</i> on Figures	NA	Non-Friable / Fair

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Pipe Insulation	Intact on Pipes (Some on the Floor as Debris)	AA.10	See General Note #1	2,960 Square Feet
Grey Window Glaze	Basement Windows Between Glass Pane and Steel Frame	AA.10	See General Note #2	200 Square Feet
Grey Expansion Cloth	Basement, Room B-4	AA.10	"ACM Expansion Cloth"	4 Square Feet
White Fire Door Insulation	Throughout 1 <sup>st</sup> Floor	AA.10	See General Note #3	420 Square Feet
Brown 12" x 12" Floor Tile and Mastic	1 <sup>st</sup> Floor, Room B-103	AA.10	See Legend on Figure	225 Square Feet

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Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Grey Transite	1 <sup>st</sup> Floor, Room B-108 & B-109 on Cabinets and Fume Hoods	AA.10	See Legend on Figure	300 Square Feet
Red Duct Caulk	Basement, Room B-4; 1 <sup>st</sup> Floor, Room B-109	AA.10	"ACM Red Duct Caulk"	22 Linear Feet
Orange Sheet Vinyl and Mastic	Stairway Stair Tread	AA.10	See Legend on Figure	130 Square Feet
Black Roof Flashing	Roof	AA.10, AA.12	"ACM Roof Flashing"	300 Square Feet
Black Roofing	Roof	AA.12	See Legend on Figure	5,400 Square Feet
Gray Caulk	Exterior Building Joints and Door Frame Joints	AA.10	"Exterior ACM Grey Caulk"	Not Quantified

## **BUILDING 12 – FORMER SUB-COAT BUILDING**

Building 12 is the Northern most building at the Site located adjacent to the North of Buildings 16, 7, and 17. Building 12 is a one-story structure constructed as an addition in the 1980's, has no basement and was utilized predominantly for storage and receiving.

LaBella - Asbestos Materials Survey (2009)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Black Roof Flashing	Roof	AA.12	NA	755 Square Feet	Non-Friable / Fair
Wall Mastic	East Wall	AA.07	See Figure	1,500 Square Feet	Good

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Pipe Insulation	Unknown *	NA	NA	260 Linear Feet
Grey Transite Panels	West Wall of Former Chemical Storage Room	AA.07	See Legend on Figure	150 Square Feet
Black Roof Membrane	Roof	AA.12	See Legend on Figure	5,200 Square Feet
Black/Silver Roof Flashing	Roof	AA.12	See Legend on Figure	755 Square Feet

\* Material not observed in during LaBella's 2009 survey.

Note: 12" x 12" floor tile, mastic and cove molding (Receiving Office) confirmed asbestos-free by TEM.

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## **BUILDING 16 – FORMER PROCESS BUILDING**

Building 16 is located adjacent to the North of Building 11 and South of Building 12 and was constructed as part of the original facility in 1948. Building 16 is a one-story structure with a basement and is approximately 9,350 square feet. This building was utilized as the process building and contained some laboratories and office space.

Type of	Typical Location	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
Black Roof Flashing	Roof	AA.09, AA.12	See <i>Legend</i> on Figures	450 Linear Feet	Non-Friable / Fair

LaBella - Asbestos Materials Survey (2009)

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White/Black Pipe Insulation	Most on Floor as Debris	AA.09	See <i>Legend</i> and <i>General</i> <i>Note #1</i> on Figure	3,850 Linear Feet
Grey 9" x 9" Floor Tile and Mastic	Most of Floor on 1 <sup>st</sup> Floor	AA.09	See Legend on Figure	3,000 Square Feet
White Duct Insulation	Penthouse Fan Room (Some on Floor as Debris)	AA.09	"ACM Duct Insulation"	600 Square Feet
Red Duct Caulk	Basement, Room B-26	AA.09	"ACM Red Duct Caulk"	5 Linear Feet
Black Roof Flashing	Roof	AA.09, AA.12	"ACM Roof Flashing"	450 Linear Feet

## **BUILDING 17 – FORMER DRYER ADDITION**

Building 17 is located above the Northern portion of Building 7 and was an addition constructed in the 1980's. This building is a two-story structure that is 6,200 square feet and contained the machinery associated with the drying operations of Building 7 (drying portion of coating alley).

## LaBella - Asbestos Materials Survey (2009)

Based on laboratory analyses of bulk samples collected from Building 17 by LaBella Associates, no other materials were determined to contain asbestos.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
White Fire* Door Insulation	Lower Level, Throughout Floor	AA.08	Not Specified	240 Square Feet

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Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
Grey Pipe Insulation and Grey Joint Compound	Northwest Portion of Lower Level (Some on Floor as Debris)	AA.08	"ACM Pipe Fitting Insulation Near Ceiling Ductwork"	260 Linear Feet
White Vibration Cloth	Upper Level in Southwest Corner	AA.08	"ACM Vibration Cloth"	30 Linear Feet
Grey and Brown Wall Insulation	Upper Level in Southwest Corner	AA.08	"ACM Wall Insulation"	150 Square Feet
Black Pipe Wrap	Upper Level in Southwest Corner	AA.08	"ACM Pipe Wrap"	30 Linear Feet
Black Tar	Foundation	AA.08	See Legend on Figure	Not Quantified
Pipe Insulation	Throughout Building (Most on Floor as Debris)	AA.08	See Legend on Figure	Not Quantified

\*Not identified in this survey, quantity unknown.

## **GUARD SHACK**

The Guard Shack is located to the Southwest of Building 11. This structure is one-story and is 80 square feet.

LaBella - Asbestos Materials Survey (2009)

No additional bulk samples were collected from the Guard Shack by LaBella Associates.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Location	Estimated Amount
12" x 12" Floor Tile	Floor	AA.10	"ACM Floor Tile"	20 Square Feet
Black Roofing	Roof	AA.10&13	"ACM Roofing"	30 Square Feet

## SILVER RECOVERY EQUILIZATION WASTEWATER ABOVEGROUND STORAGE TANK

The 12,000-gallon aboveground Silver Recovery Equalization Wastewater Tank is located to East of Building 1.

LaBella - Asbestos M	laterials Survey	, (2009)
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Type of	<b>Typical Location</b>	Figure	Figure Sample	Estimated	Friability /
Material		Page #	Identification	Amount	Condition
Black Tar/Tar Paper	Beneath Metal Jacket of Tank	AA.01	NA	500 Square Feet	Non-Friable / Fair

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## PERSONNEL TUNNELS (BETWEEN BUILDINGS 1, 2 & 11; BUILDINGS 16 & 17)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
Pipe					Non-Friable /
Insulation	Floor	NA	NA	500 Square Feet	Fair
Debris					raii

LaBella - Asbestos Materials Survey (2009)

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Based on document review of previous reports, no other asbestos-containing materials were identified in the Personnel Tunnels.

#### MECHANICAL SYSTEM TUNNELS (BETWEEN BUILDINGS 2 & 5; BUILDINGS 5 & 11)

LaBella - Asbestos Materials Survey (2009)

Based on laboratory analyses of bulk samples collected from the Mechanical System Tunnel by LaBella Associates, no materials were determined to contain asbestos.

Paradigm Environmental Services, Inc. - Asbestos Survey at the Photech Imaging Systems (1999 through 2008)

Type of Material	Typical Location	Figure Page #	Figure Sample Identification	Estimated Amount	Friability / Condition
White Pipe Insulation	Piping in Tunnel and on Floor	AA.01, .06, .09, & .10	See Figure Legend	220 Linear Feet	Friable/Poor
Black Pipe Wrap	Piping in Tunnel and on Floor	AA.01, .06, .09, & .10	See Figure Legend	280 Linear Feet	Non-Friable / Poor
Black Tar/Tar Paper	Beneath Metal Jacket of Tank	AA.01	NA	500 Square Feet	Non-Friable / Fair

## V. Special Considerations

The following special considerations should be taken into account during the evaluation of abatement procedures.

Site Conditions:

In addition to the ACM materials at the Site, the nature, conditions and contents of site structures and surrounding areas should be taken into consideration prior to asbestos abatement activities. The Site has been abandoned since 1991, and in that time natural degradation, vandalism and significant scavenging have taken place resulting in potentially dangerous debris (broken glass, metal, concrete/brick, piping, etc.) scattered at random, site-wide.

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Some of the structures have incurred structural damage and it should be assumed that the integrity of all structures has been compromised to some extent. Also excessive vegetation has accumulated around Site features and could represent a hazard during site activities (i.e., allergenic considerations, abrasives, decreased access or visibility of some areas, etc.). Caution should be taken during activities in or around any site structure.

#### Chemical Contamination:

Based on the former use of the Site in the photographic industry, activities conducted throughout the Site often utilized regulated and/or hazardous chemicals. Several areas of the Site and the contents of some in-place, on-site infrastructure have been determined through sampling and laboratory analysis to be a characteristic hazardous waste based on toxicity. Other areas of the Site contain residual chemical contamination which requires handling and disposal as a regulated solid waste. Based on the condition of the Site it is not possible to pre-characterize all debris and remaining building equipment and infrastructure in regard to the presence of residual chemicals.

In addition to general chemical cross-contamination, piping systems are present at the Site that have a high likelihood of containing residual chemicals. All on-site piping should be considered suspect and should be addressed in accordance with the Containerization, Characterization and Disposal of Waste Specification Section 02300.

HAZWOPER 40 Hour training is required for employees working on a project consisting of Uncontrolled Hazardous Waste Operation. This training is specifically designed for workers who are involved in clean-up operations, voluntary clean-up operations, emergency response operations, and storage, disposal, or treatment of hazardous substances or uncontrolled hazardous waste sites. This course covers topics included in 29 CFR 1910.120. Based on the known activities and conditions at the Site, all on-site employees should have the appropriate training.

Figures, photos and analytical results for some but not all of these materials and areas are provided for review. Proper safety measures should be taken when handling or staging these materials for future disposal. It should be noted that the condition of the Site makes a reconnaissance of such items difficult and the possibility exists that additional materials may be present and not identified.

#### Histoplasmosis:

Additionally there is a high prevalence of avian (i.e., pigeon) feces throughout site structures and appropriate safety measures should be taken to avoid significant exposure. Site workers should be alerted to the causes and symptoms of histoplasmosis.

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## **LABELIA**

# Asbestos Bulk Sample Summary Tables

## Former Photech Facility 1000 Driving Park Avenue

#### LaBella Project No. 209288

## Building #2

			Results %
Sample #	Sample Location	<b>Type of Material</b>	Asbestos
FLA-010	Southern Portion of Roof	Black Roof Flashing	23% Chrysotile
FLA-012	Eastern Portion of Roof	Black Roof Flashing	15% Chrysotile

## Building #3

Sample #	Sample Location	Type of Material	Results % Asbestos
3-1A	HVAC Duct at North End of Garage	Gray Duct Caulk	None Detected
3-2A	Southeast Corner of Roof at Hole in Roof	Built-up Roofing	6% Chrysotile

## Building #4

Sample #	Sample Location	Type of Material	Results % Asbestos
4-1A	Building 4 in Northwest Corner of Maintenance Shop	Light Brown 12x12 Floor Tile with Black Mastic	None Detected
4-2A	Building 4 on South Window of Maintenance Shop	Window Glazing	6.3 % Chrysotile
4-3A	Building 4 on North Wall Brown Paneling	Tan Adhesive	None Detected

## Building #5

Sample #	Sample Location	Type of Material	Results % Asbestos
5-1A	Building 5 on East Window	Window Glaze	None Detected

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Asbestos Materials Survey Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288.03

## **LABELIA**

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## Former Photech Facility 1000 Driving Park Avenue

## LaBella Project No. 209288

Sample #	Sample Location	Type of Material	Results % Asbestos
ROF-035	Building 5 Roof	Black Roofing, First Layer	2% Chrysotile
ROF-035B	<b>Building 5 Roof</b>	Black Roofing, Third Layer	32% Chrysotile
FLA-036	<b>Building 5 Roof</b>	Black Fibrous Flashing	17% Chrysotile
ROF-037B	<b>Building 5 Roof</b>	Black Fibrous Roofing	35% Chrysotile
FLA 038	<b>Building 5 Roof</b>	Black Fibrous Flashing	18% Chrysotile

## **Building #6**

Sample #	Sample Location	Type of Material	Results % Asbestos
6-1A	Building #6 Bathroom Floor	12x12 Floor Tile	None Detected
6-2A	Building #6 Bathroom Floor	Black Mastic	None Detected

#### **Building #7**

			Results %
Sample #	Sample Location	Type of Material	Asbestos
FLA-026	Building 7 Roof Edge	Black Fibrous	39% Chrysotile
		Flashing	
FLA-028	Building 7 Roof Edge	Black Fibrous	38% Chrysotile
		Flashing	

## **Building #8**

	And and a second s		Results %
Sample #	Sample Location	<b>Type of Material</b>	Asbestos
FLA-014	<b>Building 8 Roof</b>	Black Fibrous Flashing	7% Chrysotile
FLA-016	<b>Building 8 Roof</b>	Black Fibrous Flashing	10% Chrysotile

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## Former Photech Facility 1000 Driving Park Avenue

#### LaBella Project No. 209288

## Building #9

Sample #	Sample Location	Type of Material	Results % Asbestos
BLDG9-1A	Floor on Kathabar Building	Pipe Wrap Debris	
FLA-018	<b>Building 9 Roof</b>	Black Fibrous Flashing	21% Chrysotile
FLA-020	<b>Building 9 Roof</b>	Black Fibrous Roofing	16% Chrysotile

## Building #11

Sample #	Sample Location	Type of Material	Results % Asbestos
	Building 11 Roof	Black Fibrous	11% Chrysotile
FLA-002		Flashing	
FLA-004	Building 11 Roof	Black Fibrous	11% Chrysotile
		Flashing	

## Building #12

Sample #	Sample Location	Type of Material	Results % Asbestos
Sample #	Sample Location	Type of Material	Aspestos
12-1A	Building 12 Corridor #15 on Block Wall Joint	Vertical Joint Caulk	None Detected
12-1B	Building 12 Corridor #15 on Block Wall Joint	Vertical Joint Caulk	None Detected
12-2A	Building 12 Receiving Office 1 <sup>st</sup> Floor	Brown 12x12 Floor Tile with Black Mastic	None Detected
12-3A	Building 12 Receiving Office 1 <sup>st</sup> Floor	Tan Cove Base Molding Mastic	None Detected
12-4A	Building 12 on Vertical Pipes in Incinerator Room	Gray Pipe End Sealer	None Detected

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## Former Photech Facility 1000 Driving Park Avenue

## LaBella Project No. 209288

Sample #	Sample Location	Type of Material	Results % Asbestos
12-5A	Building 12 Below Tan Exterior Façade on CMU	Gray Adhesive	None Detected
FLA-032	<b>Building 12 Roof</b>	Black Fibrous Flashing	18% Chrysotile
FLA-034	<b>Building 12 Roof</b>	Black Fibrous Flashing	17% Chrysotile

## Building #16

Sample #	Sample Location	Type of Material	Results % Asbestos
FLA-006	Building 16 Roof	Black Fibrous Flashing	19% Chrysotile
FLA-008	Building 16 Roof	Black Fibrous Flashing	7.3% Chrysotile

## Building #17

Sample #	Sample Location	Type of Material	Results % Asbestos
BLDG17-1A	On Roof Drain Pipe Fitting near Ceiling Ductwork	Pipe Fitting Insulation	

## **Carpenter Shed**

Sample #	Sample Location	Type of Material	Results % Asbestos
CS-1A	North Floor of Shed	<b>Door Insulation</b>	10% Amosite
CS-2A	2 <sup>nd</sup> Floor North Side of Shed	Ceiling Tile	None Detected
CS-3A	South Entrance on Floor	Debris	16% Amosite

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## Former Photech Facility 1000 Driving Park Avenue

#### LaBella Project No. 209288

Wood Shed

Sample #	Sample Location	Type of Material	Results % Asbestos
WS-1A	Roof of Small Wood Shed	Roofing Material	None Detected

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# **Appendix A Asbestos Survey Fact Sheet**

## **Asbestos Survey Fact Sheet**

## Name and Address of Building/Structure

Former Photech Facility

1000 Driving Park Avenue

Rochester, New York

#### Name and Address of Building/Structure Owner

City of Rochester

30 Church Street, Suite 300B

Rochester, New York 14614

#### Name and Address of Owner's Agent

LaBella Associates, Inc.

300 State Street, Suite 201

Rochester, NY 14614

#### Name of the Firm & Persons Conducting the Survey

LaBella Associates, P.C. Mitchell C. Smith (NYSDOL Cert. #97-15393) Thomas J. Kihn (NYSDOL Cert. #88-02892)

## Date(s) the LaBella Survey Was Conducted

August through October 2009

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 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288

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## Asbestos Survey Fact Sheet (cont.)

## **Building 1** List of Homogeneous Areas (Items in Bold Confirmed ACM)

 Grey Spray-on Monokote

 White Spackle

 Beige Cove Molding Mastic

 Beige Carpet Mastic

 White/Grey Suspended Ceiling Tile

 Orange Stair Tread Sheet Vinyl Mastic

 Black Stair Tread Sheet Vinyl Mastic

 Grey Battleship Sheet Vinyl

 Red Duct Caulk

Grey 12" x 12" Floor Tile

Yellow Floor Tile Mastic

White Fire Door Insulation

Red Sheet Vinyl

Tan Foam Mastic

Grey Transite Cabinets/Fume Hood

Grey Drywall

Black Vapor Barrier

White Window Glaze

Grey Wall Caulk

Brown Drywall

Grey Cement Adhesive

- 2 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



Grey Cement Siding

White Pipe Insulation

## Building 2

List of Homogeneous Areas (Items in Bold Confirmed ACM)				
Black Elbow and Steam Pipe Cover				
Black Pipe Cover Over Cork				
Grey Wall Caulk				
Black Expansion Joint				
Black Roofing				
Silver/Black Roof Flashing				
Black Roof Membrane				
Black Duct Insulation				
Black Pipe Insulation				
Red Paint				
White Pipe Insulation				
Grey Vibration Cloth				
Grey Duct Insulation				
Tan Brick Ceiling				
Tan Insulation Mastic				
White Wall Plaster				
Grey Wall Insulation				
White Wall Plaster				
Grey Wall Plaster				
White 2'x2' Suspended Ceiling Tile				

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White Spackle		
Grey Wall Plaster		
Yellow Ceramic Tile Mastic		
Black Sink Mastic		
White/Grey 2'x4' Suspended Ceiling Tile		
Yellow Ceramic Tile Mastic		
Tan 12"x12" Floor Tile		
Black Floor Tile Mastic		
Black Tank Insulation Mastic		
Grey Cove Molding Mastic		
Grey Transite Wall		
Black Tank Coating		
Black Tar		
Transite Fume Hood		

Building 3 List of Homogeneous Areas (Items in Bold Confirmed ACM)

Grey Duct Caulk

**Black Roof Flashing** 

**Built-up Roofing** 

White Pipe Insulation

Tan Wall Caulk

Building 4 List of Homogeneous Areas (Items in Bold Confirmed ACM)

Grey Ceiling Plaster

- 4 -

Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



.

## White Spackle

White Spackie			
Tan Carpet Mastic Floor			
Brown 12"x12" Floor Tile			
Black Floor Tile Mastic			
Grey/White Window Glaze			
Black Roof Flashing			
Black Roof Membrane			
Grey Roof Decking			
White Pipe Insulation			
Tan Panel Adhesive			
Gray Wall Caulk			
Black Expansion Joint Tar			
Building 5 List of Homogeneous Areas (Items in Bold Confirmed ACM)			
List of Homogeneous Areas (Items in Bold Confirmed ACM)			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap White Pipe Insulation			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap White Pipe Insulation Grey Transite			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap White Pipe Insulation			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap White Pipe Insulation Grey Transite			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap White Pipe Insulation Grey Transite White Gasket			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap White Pipe Insulation Grey Transite White Gasket White Boiler Insulation			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap White Pipe Insulation Grey Transite White Gasket White Boiler Insulation White Window Caulk			
List of Homogeneous Areas (Items in Bold Confirmed ACM) Black Pipe Wrap White Pipe Insulation Grey Transite White Gasket White Boiler Insulation White Window Caulk Black Roof Flashing			

- 5 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288

**LABELIA** 

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Wind	ow	Gl	azi	ng

Transite Debris

## Building 6 List of Homogeneous Areas (Items in Bold Confirmed ACM)

White/Grey 2'x4' Ceiling Tile

White Spackle

Tan 12" x 12" Floor Tile

Black Floor Tile Mastic

Black Roof Field

Black Roof Flashing

Grey Window Caulk

## Building 7

List of Homogeneous Areas (Items in Bold Confirmed ACM)

Grey Duct Insulation

White Pipe Insulation

**Black Roof Flashing** 

Black Roof Membrane

Black Asphalt Siding

Tan Duct Insulation Mastic

Grey Sheet Vinyl

Black Sheet Vinyl Mastic

Tan 9"x9" Floor Tile

Black Floor Tile Mastic

Tan Tank Insulation Mastic

- 6 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



Black/Silver Tar Paper

Brown Cove Molding Mastic

White Ceiling Plaster

Black Pipe Wrap

Tan Pipe Insulation Mastic

Black Fibrous Tar

**Building 8** List of Homogeneous Areas (Items in Bold Confirmed ACM)

Black Fire Door Insulation

Black Wall Caulk

Black Expansion Cloth

White Caulk

Brown Expansion Joint

Building 9 List of Homogeneous Areas (Items in Bold Confirmed ACM)

**Black Roof Flashing** 

Black Roof Membrane

Tan Tank Insulation Mastic

White Mudded Joint Packing

Gray Wall Caulk

Building 10 List of Homogeneous Areas (Items in Bold Confirmed ACM)

Brown Expansion Joint

- 7 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288

**LABELIA** 

White Mudded Joint Packing
Black Roof Membrane
Black Roof Flashing
Building 11 List of Homogeneous Areas (Items in Bold Confirmed ACM)
White Pipe Insulation
Black Ceramic Tile Mastic
Grey Duct Cloth Expansion Cloth
Grey Window Glaze
Red Duct Caulk
White Tank Covering
Orange Sheet Vinyl
Tan Sheet Vinyl Mastic
Grey 12"x12" Floor Tile
Tan Floor Tile Mastic
Brown Cove Molding Mastic
Brown 12" x 12" Floor Tile
Black Floor Tile Mastic
White Fire Door Insulation
Grey Transite Cabinet Liner
Black Roof Felts
Black Roof Flashing
Black Roof Membrane
Gray Caulk

- 8 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288 -

.

## Building 12 List of Homogeneous Areas (Items in Bold Confirmed ACM)

Grey 2'x2' Suspended Ceiling Tile

Grey Mudded Joint Packing

Grey Pipe Insulation

White Pipe Insulation

**Grey Transite Wall** 

Brown 12" x 12" Floor Tile

Black Floor Tile Mastic

Tan Cove Molding Mastic

Black Roof Felts

Black/Silver Roof Felts

Black Roof Flashing

Black Roof Membrane

Black Foam Insulation Mastic

Grey Roof Decking

Gray Pipe End Sealer

Gray Cement

Gray Wall Caulk

Pink Cement

**Building 16** List of Homogeneous Areas (Items in Bold Confirmed ACM)

Black Roof Felts

Black Pipe Insulation Mastic

White Pipe Insulation

-9-

Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288

#### White Duct Insulation

Grey Ceiling Plaster		
Red Duct Caulk		
Tan Mastic		
White Foam Cover		
White Plastic		
Grey 9" x 9" Floor Tile		
Brown Floor Tile Mastic		
Black Floor Tile Mastic		
White Spackle		
White 2'x4' Suspended Ceiling Tile		
White Roof Decking		
Grey Wall Board		
Black Pipe Insulation		
Black Roof Flashing		

Building 17 List of Homogeneous Areas (Items in Bold Confirmed ACM)

White Fire Door Insulation

**Grey Pipe Insulation** 

Grey Mudded Joint Packing

Grey Duct Insulation

Black Duct Insulation

Grey Duct Caulk

White Vibration Cloth

- 10 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



#### **Grey Wall Insulation**

Brown Wall Insulation
Grey Sheet Vinyl
White Spackle

Black Pipe Wrap

Black Tar Paper

Black Tar on Foundation

Guard Shack List of Homogeneous Areas (Items in Bold Confirmed ACM)

Black Fire Door Insulation

Black Wall Caulk

Black Expansion Cloth

White Wall Caulk

White/Grey 2'x2' Suspended Ceiling Tile

Brown 12"x12" Floor Tile

Brown Floor Tile Mastic

**Black Roofing Tar** 

Silver Recovery Waste Water Tank List of Homogeneous Areas (Items in Bold Confirmed ACM)

Brown Mastic

White Canvas Cloth

Black Tar Paper

- 11 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



## Subgrade Tunnels List of Homogeneous Areas (Items in Bold Confirmed ACM)

White Pipe Insulation

Black Pipe Wrap

- 12 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



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# Appendix B Licenses and Certifications

## NEW YORK STATE - DEPARTMENT OF LABOR

DIVISION OF SAHETY AND HEALTH LIGENSE AND CERTIFICATE UNIT STATE CAMPUS BUILDING 12 ALBANY, NY 12240

## ASBESTOS HANDLING LICENSE

La Bella Associates Pc ) Suite 201 300 State Street Rochester NY 14614

LICENSE NUMBER: 991172 LICENSE NUMBER: 99278 LICENSE CLASS: RESTRICTED DATE OF ISSUE: 01/16/2009 EXPIRATION DATE: 01/31/2010

uly Authorized Representative

This heense has been issued in accordance with applicable provisions of Article, b of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal of local laws with regard to the conductor and sees to project, or (2) demonstrated lack of responsibility in the conduct of any job involving aspestos or aspestos material (1)

This license is valid only for the contractor named above and this license of a photocopy must be prominently displayed at asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New Yor State have been studed an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

EN Philippine & Co

SH 432 (4-07)

Maureen A. Cox, Director FOR THE COMMISSIONER OF LABOR

## NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010 Issued April 01, 2009

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614

NY Lab Id No: 11184 EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved subcategories and/or analytes are listed below:

#### Miscellaneous

Asbestos in Friable Material Asbestos in Non-Friable Material-PLM

EPA 600/M4/82/020

Item 198.6 of Manual (NOB by PLM)

#### Serial No.: 39232

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

## NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010 Issued April 01, 2009

### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614

NY Lab Id No: 11184 EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS All approved subcategories and/or analytes are listed below:

Miscellaneous Air

Fibers

NIOSH 7400 A RULES

#### Serial No.: 39233

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

#### NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010 Issued April 01, 2009

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. G EDWARD CARNEY AMA ANALYTICAL SERVICES INC 4475 FORBES BLVD LANHAM, MD 20706 NY Lab Id No: 10920 EPA Lab Code: MD00084

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved subcategories and/or analytes are listed below:

#### Metals I

Lead, Total	EPA 7420

#### Miscellaneous

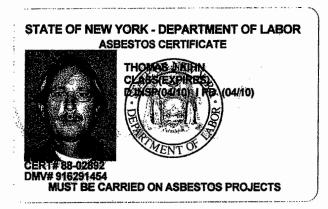
Asbestos in Friable Material	EPA 600/M4/82/020
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL
Lead in Dust Wipes	EPA 7420
Lead in Paint	EPA 7420

Sample Preparation Methods

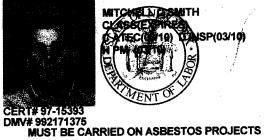
ASTM E-1979-98 EPA 600/R-93/200

## Serial No.: 39144

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.



#### STATE OF NEW YORK - DEPARTMENT OF LABOR ASBESTOS CERTIFICATE



## 

EYES GRN HAIR BRO HGT 5'08"

1

IF FOUND RETURN TO: NYSDOL - LCC UNIT ROOM 161A BUILDING 12 STATE OFFICE CAMPUS ALBANY NY 12240

# Appendix C Laboratory Analyses Reports

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

## ASBESTOS CONTAINING MATERIALS

1STFLOOR			
Room 116	White Pipe Insulation (Debris)	20	linear feet
2ND FLOOR	TR-1		
Room 203	Grey Transite on Cabinets & Fume Hoods	600	square feet
Room 214	White Pipe Insulation	4	linear feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

## MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

<u>1ST FLOOR</u>	DC-1		
Room 102	DC-1 Red Duct Caulk keg by PLM	3	linear feet
Room 109	Grey 12" x 12" Floor Tile & Mastic FT-1 neg by PLM	90	square feet

\*All quantities are approximations.

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\*\*Exact quantification of ACM contaminated debris could not be determined due to the extent of vandalism in the building.

## TOTAL ASBESTOS CONTAINING MATERIALS and MATERIALS TO BE TREATED AS ASBESTOS CONTAINING:

## **BUILDING#1-RESEARCH & DEVELOPMENT**

Total Asbestos Containing Materials:		
Pipe Insulation	24	linear feet
Transite	600	square feet
Total Materials to be <i>Treated</i> as Asbestos Containing:		
Duct Caulk	3	linear feet
Floor Tile and Mastic	90	square feet



179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

ervices, Inc.

**Brownfield Restoration Group, LLC Client:** Location: Former Photech Imaging Systems Building #1 - Research & Development 1000 Driving Park Avenue, Rochester, New York 04/21/1999 Sample Date:

Job Number: 94777

1 of 3 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
MON-1	23963	First Floor Main Entry	Grey Fibrous Spray-On Monokote	None Detected	0%		Cellulose 12% Fiberglass 8%	80%
SPK-1	23964	First Floor Main Entry	White Spackle	None Detected	0%		None Detected	100%
CMM-1	23965	First Floor Main Entry	Beige Cove Molding Mastic	None Detected	0%	*	None Detected TEM Near	100%
CMF-1	23966	First Floor Main Entry	Beige Carpet Mastic	None Detected	0%	*	None Detected TEM Neg	100%
SCT-1	23967	First Floor Room 107	White/Grey Fibrous Suspended Ceiling Tile	None Detected	<b>0%</b>		Cellulose 55% Mineral Wool 20%	25%
SV-1	23968	First Floor Stairtower	Orange Stair Tread Sheet Vinyl	None Detected	0%	*	None Detected TEM Weg	100%
SVM-1	23969	First Floor Stairtower	Black Stair Tread Sheet Vinyl Mastic from Sample 23968	None Detected	0%	*	Cellulose 8% TEM Weg	92%
SV-2	23970	First Floor Room 102	Grey:Fibrous Battleship Sheet Vinyl	None Detected	<b>0%</b>	*	Cellulose 25% Fiberglass 9%	66%
DC-1	23971	First Floor Room 102	Red Duct Caulk	None Detected	0%	*	None Detected	100%
FT-1	23972	First Floor Room 109	Grey 12"x12" Floor Tile	None Detected	0%	*	None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: :roscope:

Analyst:

04/21/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

M. John

# PARADIGM Environmental

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

ervices, Inc.

**Brownfield Restoration Group, LLC Client:** Location: Former Photech Imaging Systems Building #1 - Research & Development 1000 Driving Park Avenue, Rochester, New York 04/21/1999 Sample Date:

Job Number:

94777

2 of 3 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Typ <del>e</del> & Percentage	Matrix Material %
FTM-1	23973	First Floor Room 109	Yellow Floor Tile Mastic from Sample 23972	None Detected	0%	*	None Detected	100%
FD-1	23974	First Floor Corridor 121	White Fibrous Fire Door Insulation	None Detected	0%		Cellulose 60%	40%
SV-3	23975	First Floor Corridor 121	Red Fibrous Sheet Vinyl	None Detected	0%	*	Cellulose 28% Fiberglass 10% TEM Way	62%
FOM-1	23976	First Floor Room 117	Tan Foam Mastic	None Detected	0%	*	None Detected	100%
SCT-2	23977	Second Floor Room 204	White/Grey Fibrous Suspended Ceiling Tile	None Detected	0%		Cellulose 50% Mineral Wool 25%	25%
TR-1	23978	Second Floor Room 203	Grey Fibrous Cabinets/Fume Hood	Chrysotile 26%	26%		None Detected	74%
DW-1	23979	Second Floor Room 214	Grey Fibrous Drywall	None Detected	0%		Cellulose 15%	85%
VB-1	23980	Basement Room 003	Black Fibrous Vapor Barrier	None Detected	0%	#	Cellulose 22%	78%
SPK-3	23981	Basement Room 003	White Spackle	None Detected	0%		None Detected	100%
WG-1	23982	Exterior-Window Glaze	White Window Glaze	None Detected	0%		None Detected	100%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

#<1.0 % of sample remained after matrix reduction. TEM Analysis is not required or necessary.

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope: 🐳

Analyst:

04/21/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Environmental `ervices, Inc.

**Client:** 

PARADIGM

**Brownfield Restoration Group, LLC** Former Photech Imaging Systems Location:

Building #1 - Research & Development 1000 Driving Park Avenue, Rochester, New York 04/21/1999 Sample Date:

Job Number: 94777

3 of 3 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
WAC-1	23983	Exterior-Wall Caulk	Grey Wall Caulk	None Detected	0%		None Detected	100%
DW-2	23984	Exterior-Siding Underneath Foam	Brown Fibrous Drywall	None Detected	0%		Cellulose 15%	85%
CA-1	23985	Exterior-Underneath Foam	Grey Cement Adhesive	None Detected	0%	*	None Detected TEM Neg	100%
CS-1	23986	Exterior-Siding	Grey Cement Siding	None Detected	0%		None Detected	100%
	· .							

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. 04/21/1999

Date Analyzed: croscope:

Analyst:

Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

# PARADIGM Environmental ervices, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client:	Brownfield Restoration Group, LLC
Location:	Former Photech Imaging Systems
	Building #1 - Research & Development
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	04/21/1999

94827 Job Number:

1 of 1 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PI-1	24331	Room 116	White Fibrous Pipe Insulation	Chrysotile 80%	80%		None Detected	20%
	•		·					

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: croscope: Analyst:

04/23/1999 Olympus BH-2 #232953 Steve Lee \$

Laboratory Results Approved By:

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Environmental Rervices, Inc.

PARADIGM

Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging SystemsBuilding #1 - Research & Development1000 Driving Park Avenue, Rochester, New YorkSample Date:06/16/1999

Job Number: 97194

Page Number: 1 Of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
MON-2	40601	1st Floor Room 116	Grey Fibrous Spray-On Monokote	None Detected	0%		Cellulose 36% Fiberglass 6%	58%
MON-3	40602	1st Floor Corridor 121	Grey Fibrous Spray-On Monokote	· None Detected	0%		Cellulose 35% Fiberglass 6%	59%
			-					
			:					
								·
			. • : .*					

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: croscope: Analyst: 06/21/1999 Olympus BH-2 #232953 Mary Dohr

Laboratory Results Approved By:

ELAP ID No .: 10958

## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

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## T.E.M. Results

# Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging Systems

1000 Driving Park Avenue, Rochester, New York Sample Date: 5/99-6/99 Job No:

Page Number: 1 Of 5

oampie Date.				TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
смм-1 В-1	23965	First Floor Main Entry	Beige Cove Molding Mastic	<1.0%	None Detected
CMF-1 B-1	23966	First Floor Main Entry	Beige Carpet Mastic	<1.0%	None Detected
sv-1 B·l	23968	First Floor Stairtower	Orange Stair Tread Sheet Vinyl	<1.0%	None Detected
<b>svm-1</b> В-1	23969	First Floor Stairtower	Black Stair Tread Sheet Vinyl Mastic from Sample 23968	<1.0%	None Detected
<b>sv-2</b> B-1	23970	First Floor Room 102	Grey Fibrous Battleship Sheet Vinyl	<1.0%	None Detected
sv-3 B-1	23975 ,	First Floor Corridor 121	Red Fibrous Sheet Vinyl	<1.0%	None Detected
<b>FOM-1</b> В-1	23976	First Floor Room 117	Tan Foam Mastic	<1.0%	None Detected
<b>са-1</b> В-1	23985	Exterior-Underneath Foam	Grey Cement Adhesive	<1.0%	None Detected
<b>RM-1</b> В-2	24266	Roof-Field	Black Fibrous Membrane	<1.0%	None Detected
IM-1 B-ス	24274	Penthouse Mastic Underneath Insulation	Tan Insulation Mastic	<1.0%	None Detected

ELAP ID No.: 10984

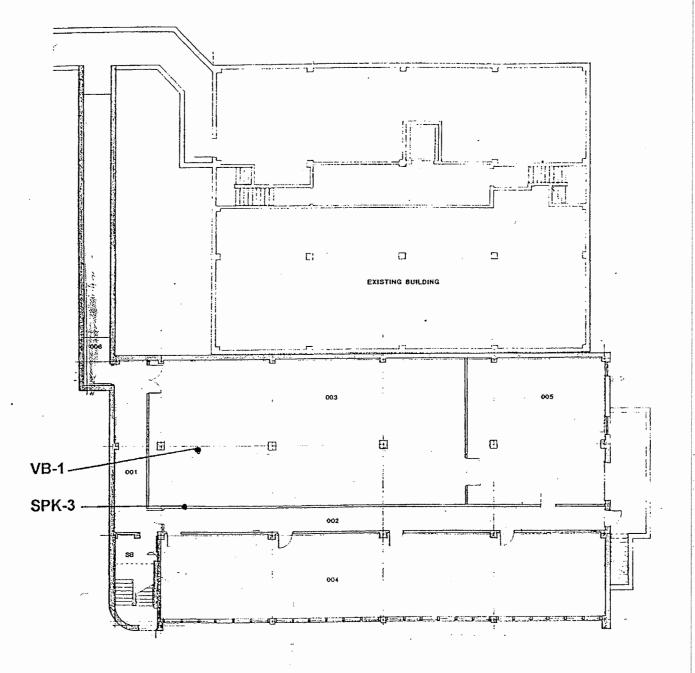
The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst: 07/09/1999 *Tim Wilhelm* 

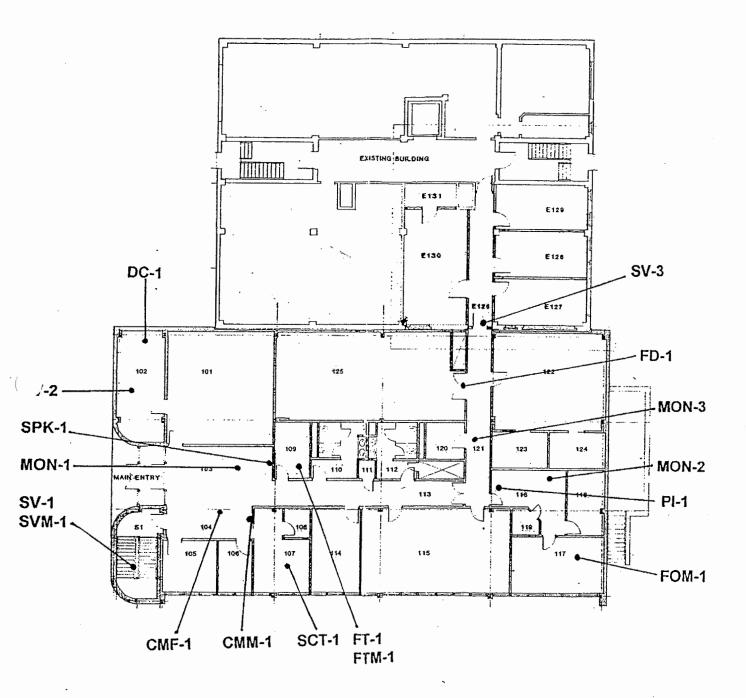
Laboratory Results Approved By:



BASEMENT

B-1

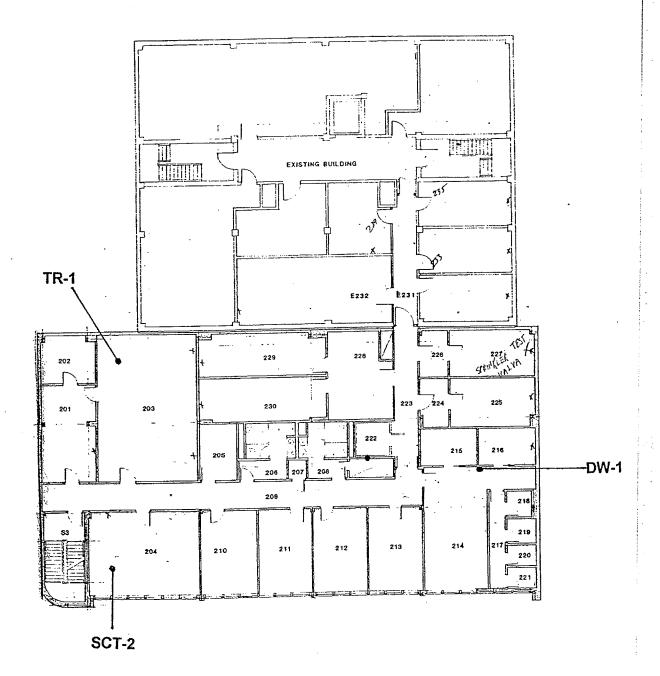
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FIRST FLOOR

BROWNFIELD RESTORATION GROUP, LLC FORMER PHOTECH IMAGING SYSTEMS, INC. 1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK

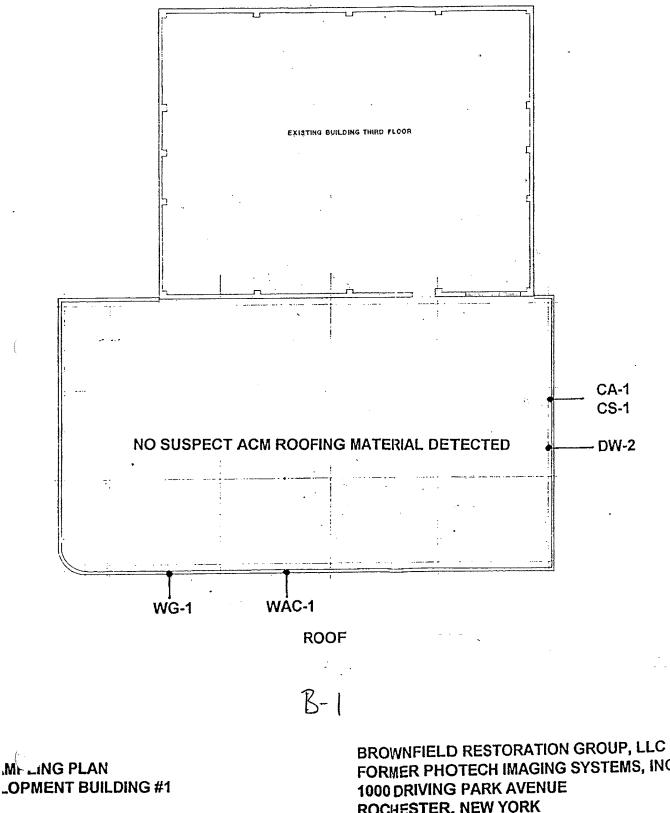
.N IILDING #1



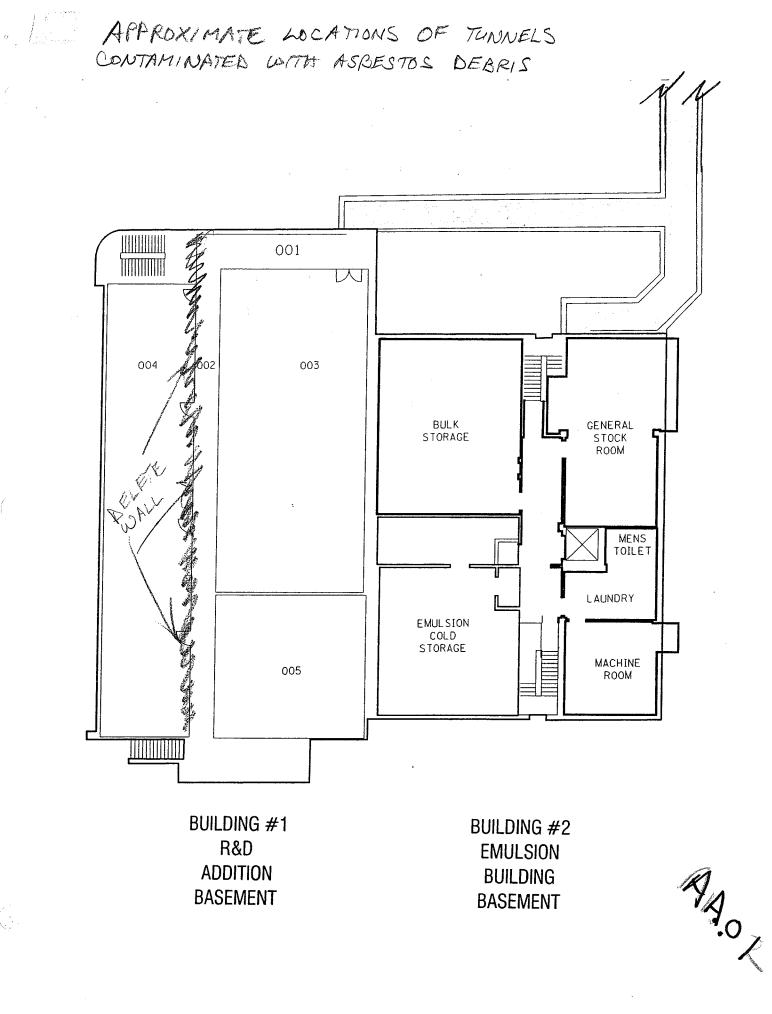
SECOND FLOOR

B-1

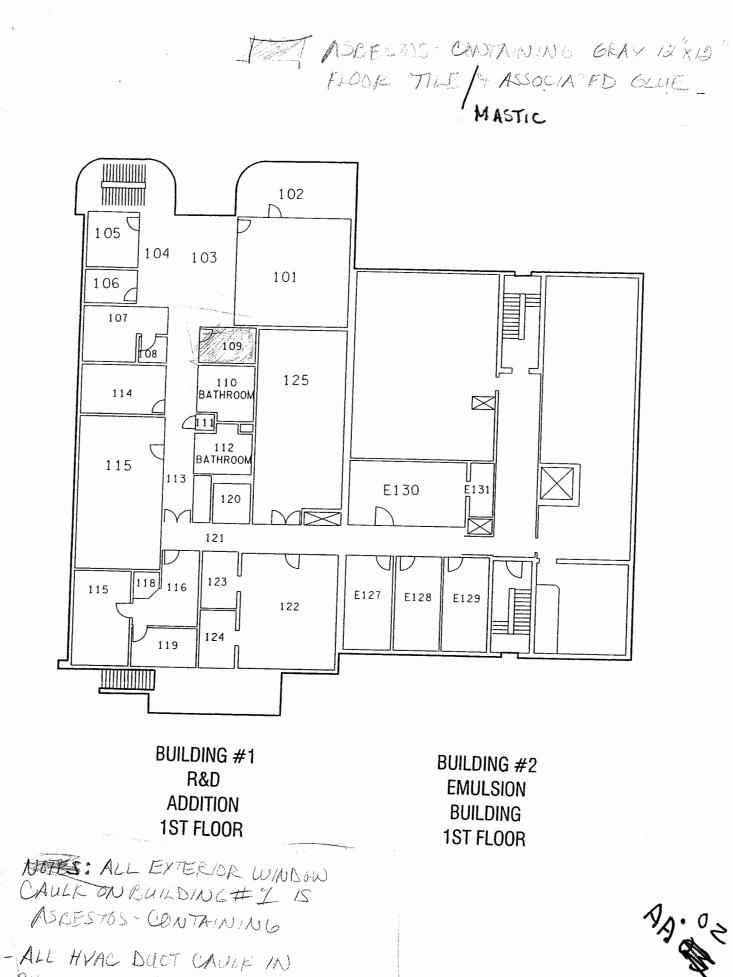
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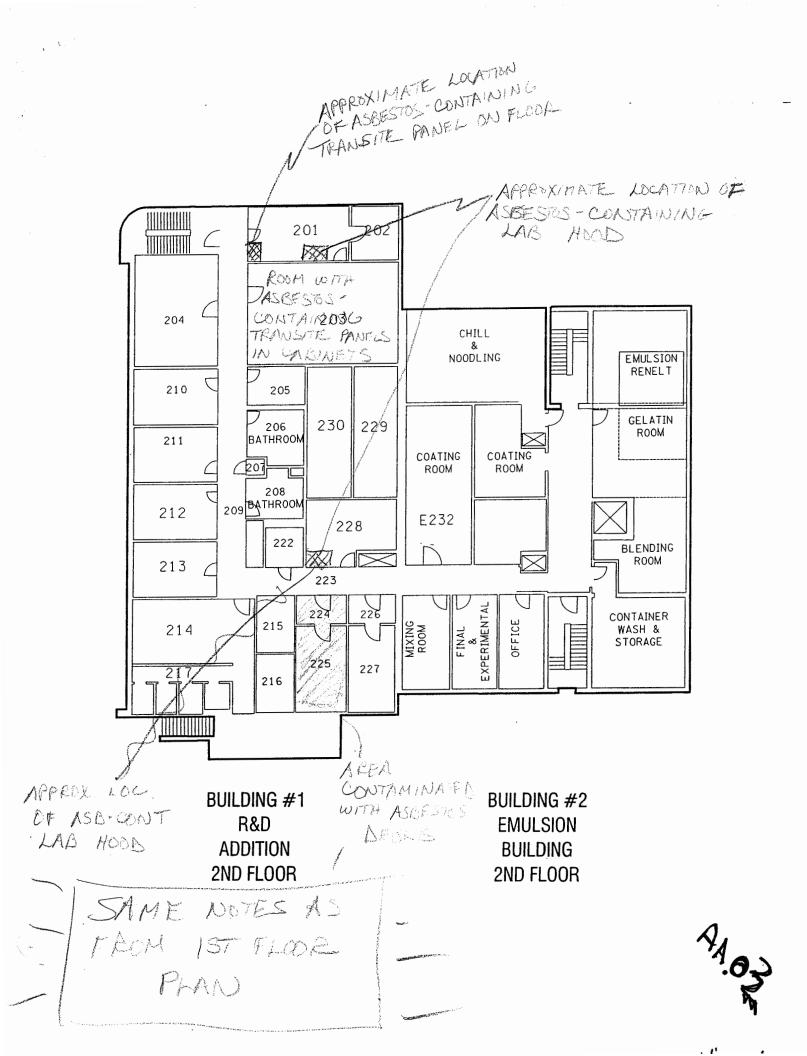
FORMER PHOTECH IMAGING SYSTEMS, INC. ROCHESTER, NEW YORK



1"= 20



BUILDING # IS ASBESTOS · CONTAINING



## **BULK SAMPLE ASBESTOS** ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY **300 STATE STREET** ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

#### 50609 LBL JOB #

ELAP # 11184

**TEM ELAP # 10920** 

209288 phase 2 LABELLA PROJECT #

## SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/10/2009

ADDRESS: 300 State Street

Rochester, NY 14614

CLIENT: Labella Associates, PC

506

PROJECT LOCATION: Photech - Building #1

		method	ASBESTOS	ø,	OTHER	~			
FIELD ID	LBL ID	Ě	TYPE	%	FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
BLDG1-1A	50609-1	P	ND		CELLULOSE	12	MINERAL	88	WHITE FIRE DOOR INSULATION
BLDG1-1B	50609-2	P	ND		CELLULOSE	14	MINERAL	86	WHITE FIRE DOOR INSULATION
BLDG1-2A	50609-3	N	CHRYSOTILE	18	ND		MIN/BINDER	82	GRAY CAULK
BLDG1-2B	50609-4	N	CHRYSOTILE	16	ND		MIN/BINDER	84	GRAY CAULK
BLDG1-3A	50609-5	T	ND		SYNTHETIC	25	RUBBER	75	GRAY CONVEYOR BELT
BLDG1-3B	50609-6	Т	ND		SYNTHETIC	25	RUBBER	75	GRAY CONVEYOR BELT
BLDG1-4A	50609-7	N	AMOSITE	16					
BLDG1-4A	50609-7	N	CHRYSOTILE	14	CELLULOSE	7	MIN/TAR	63	GRAY DEBRIS
BLDG1-4B	50609-8	N	AMOSITE	15					
BLDG1-4B	50609-8	N	CHRYSOTILE	13	CELLULOSE	8	MINERAL	64	GRAY DEBRIS
BLDG1-5A	50609-9	P	ND		ND		MINERAL	100	GRAY FIREPROOFING DEBRIS
BLDG1-6A	50609-10	Р	ND		ND		MINERAL	100	GRAY GROUT
BLDG1-6B	50609-11	Р	ND		ND		MINERAL	100	GRAY GROUT
BLDG1-7A	50609-12	Р	AMOSITE	50	ND		MINERAL	50	WHITE DEBRIS
					,				1
DI M Mathad EDA 600/M4/82	2/020				M	4	-1 -11	I	

PLM Method EPA 600/M4/82/020

Lab Supervisor: 1/att Amith Date: 9/12/09

ND - None Detected CELL-Cellulose JC - Joint Compound

MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

## ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - BLOG #1	Client: Cin of Rochester
Job No .: 209288 / 2	Rates: 7.0/70/50
PIN/ BIN:	Sampled by: <u>Mitch Smith</u>
Date: 9/10/09	Relinquished by: <u>Mitch Smith</u>
LaBella Lab No.: 50609	Received by: <u>Matt Smith</u>
Positive Stop Protocol: Yes 🛄 No 🛄	Number of Samples:

	Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
Į:	BLDGI-IA	INSIDE OF FIRE ADDR LEADING TO ROOM 101	DOOR INSULATION		
ð	<u>~/B</u>	$\frac{11}{116}$			
3	A	EXT SOUTH WALL BETWEED WINDOW FRAME YEXT WALL	GRAY/BROWN CAULK		·
7		28 48 - Et EC 			
5	- 3A - 3B	BSMT BLOG 1 WEAR EXIT DOOR	BELT		·
78	<u>-4A</u> -4D	BSMT TUNNEL ON FLOOR	MISC, DEBRIS		
9	-54	ROOM 203 ON TOP OF METRIL CABINET	(FIFE PROBFING)	······································	
10	6A 	FLOOR IN 2ND FLOOR MENS RM	CREY CERAMIC TILE CYROUT		
11	<u></u>	12 LADIESPM			·
12	<u> </u>	FLOOR IN RM 225	WHITE DEBRIS		

## **BULK SAMPLE ASBESTOS** ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

53909 LBL JOB #

ELAP # 11184

TEM ELAP # 10920

209288.03 phase 1 LABELLA PROJECT #

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/18/2009

Photech - Building #1 PROJECT LOCATION: method ASBESTOS **OTHER** FIELD ID LBL ID % MATRIX % COLOR / DESCRIPTION TYPE FIBERS Т BLDG1-8A 53909-1 ND ND MIN/BINDER 100 GRAY GLUE Matt Smith PLM Method EPA 600/M4/82/020 04 Date: Lab Supervisor: - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = TracePLAS - Plaster P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

539

Rochester, NY 14614

CLIENT: Labella Associates, PC

ADDRESS: 300 State Street

## ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - DLDG #1	Client: <u>LBA</u>
Job No.: 209288.03 / PHASE 1	Rates: SAME AS LBL 50609
PIN/ BIN:	Sampled by: <u>Tom Kihn</u>
Date: 9/18/09	Relinquished by: <u>Tom Kihn</u>
LaBella Lab No.: 53909	Received by: <u>Matt Smith</u>
	Number of Samples:

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount ,	Condition
BLDG1-8A	ON CROUND ON FACADE MATERIAL	GRAY GLUE		
	·			
			· · · · · · · · · · · · · · · · · · ·	
		· · · · · · · · · · · · · · · · · · ·		
			·	

Y:\NYSDOT\205001\Project Management\ASBESTOS SAMPLING SURVEY LOG.doc

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

#### ENVIRONMENTAL SERVICES, INC.

PLM & TEM BULK ASBESTOS REPORT

Client:

**City of Rochester** 

Job No: 6609-08 Page: 1 of 2

Former Photech Imaging Systems Location: Building 1, Exterior Sample Date: 6/10/2008

PLM PLM Ν **TEM Asbestos** TEM PLM PLM Asbestos Total 0 Fibers Type & Total Non-Asbestos Matrix **Client ID** Lab ID Sampling Location Description Fibers Type & Material Fibers Type & Asbestos в Percentage Asbestos Percentage % Percentage 95% N/A Fiberglass 5% **CEM-001** 38504 Siding on West Side Gray Cement None Detected 0% Not Required N/A None Detected 100% 38505 Adhesive on West Side Gray Cement None Detected 0% Not Required **CEM-002** 98% N/A Cellulose 2% 38506 West Side Under Brown Drywall None Detected 0% Not Required DWL-003 Cement Siding N/A None Detected 100% 38507 West Side 0% Not Required Brown Expansion None Detected EXJ-004 Joint

#### NVLAD Lab Code 200530-0 for PLM Analysis

### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008

Microscope: Olympus BH-2 #234206 PLM Analyst: R Weinman

TEM D	ate Analyzed:	N/A
	TEM Analyst: N	/A

Laboratory Results Approved By: **Asbestos Technical Director** 

Mary Dohr Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

Contai under i	Recei	Trans		Samp	10	6	8	7	6	5	4	3	2	Ι		G	Roche	City ]	Client 30 Ch	145 51	Ø	
nerized materials regulated conditic	Received By:	Transported to Paradigm By:		Sampled By: Ted							EXJ-004	DWL-003	CEM-002	CEM-001	Client ID	General Location:	Rochester, NY 14614	City Hall Room 300-B	Client Mailing Address: 30 Church Street	5 Lake Avenue, Rochester, NY 146 585.454.1060 * Fax 585.454.1062	ENVOY environmental consultants, inc	
attached to this Chai ons. <b>(Danger; May C</b>	ulidamen			Ted Knapp							507	506	505	33204	Lab ID	tion: Building 1,	14	0-B	SS:	145 Lake Avenue, Rochester, NY 14608 585.454.1060 * Fax 585.454.1062	NOY nsultants, inc.	
in of Custody may contain . Contain Asbestos Fibers,	Date: 6/11/68	Ted Knapp Date: 6/10/08		Date: 6/10/08							Westside	Westside, under cement siding	Adhesive on westside	Siding on westside	Sampling Location	l, Exterior	Project Location: Former Photech Imaging Systems	Date Sampled: 6/10/08	Results To: Ted Knapp	bei	Client: City of Rochester	CHAIN OF CUSTODY FOR PLM ASBEST
a known carcinogen and sease Hazard)	TOTAL NUMBER O	or provide TEM cor	CHECK TO AUTOM	CHECK ONE:									white styrofoam		Do not Analyze		Project Number:	Material Type/Quantity: Friable X NOB	1 2 3	Fax Number:	Contact: Joseph	R PLM ASBES
should only be l	OF SAMPLES IN SURVEY:	ontact name:	MATICALLY PERFORM TEM ON NOBS	SURVEY							Brown	Brown	Gray	Gray	Color		08/0486	tity: B   X       TEM	5 X Other		h Biondolillo	TOS AN
nandled by tra	N SURVEY:	Paul Mahoney	RFORM TE	×											Size			×	er			ALYSIS
ined and authorize		теу	M ON NOBS	BULKS ONLY							EXJ	DWL	CEM	CEM	Material			Logged In By:	Date Logged In:	Page	100 # dor	
3d personnel				ONLY	NEW WINNING AND						Non-Friable	Friable	Non-Friable	Non-Friable	Friability		(	2	<u>80/11/02:</u>	$\hat{\mathbb{Q}}$	80-100	OFFICE USE ONLY

## **BULK SAMPLE ASBESTOS** ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

CLIENT: Labella Associates, PC

#### 70209 LBL JOB #

ELAP # 11184

**TEM ELAP # 10920** 

209288.03 LABELLA PROJECT #

SAMPLE TYPE: PLM Bulk

ADDRESS: 300 State Street

702

Rochester, NY 14614

SAMPLE DATE: 11/09/2009

PROJECT LOCATION:	Photecn	00000000							
	TANJARAMANA	method	ASBESTOS		OTHER				
FIELD ID	LBL ID	mel	TYPE	%	FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
1 <b>A</b>	70209-1	Т	ND		CELLULOSE	38	TAR	62	BLACK MEMBRANE B-IFloor Cor
2A	70209-2	G	ND		ND		RUBBER	100	BLACK MEMBRANE 8-12 Floor C
3A	70209-3	Т	ND		CELLULOSE	40	TAR	60	BLACK MEMBRANE B-16 FLOOR C
									1. The factor is a second s
			1.000						
							-771		
							·		
			- AP37/1 Marca					ļ	
					····				
A Method EPA 600/M4/8	2/020	La	ab Supervise	or:	Mat	t,	Smith	L	Date: 11/10/09
- None Detected CELI P - Friable PLM analy		JC	- Joint Compo	und	MIN - M	ineral	GLASS - F	iberg	

G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

## ASBESTOS SAMPLING SURVEY **BULK SAMPLE LOG** AND CHAIN OF CUSTODY

Location: Th	otech	<u> </u>	Client: C. of Rochester						
Job No.: <u>20</u>	7288.03	Rates:	Rates:						
PIN/ BIN:			Sampled by:						
Date:		Relinquished by:	Relinquished by: 5. Davis						
LaBella Lab No	<u>.: 70209</u>	Received by: Matt S	Received by: <u>Matt Smith</u>						
	rotocol: Yes 🔲 No 🔤	Number of Samples:	Number of Samples:						
	r			1					
Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	pe of Suspect ACM to Approx. be Analyzed Amount						

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
€ / A 	Bldg. 1, Basement, Flogr Core Membraue			
A	Bldg. # 12, Chem. Robn, Floor Core Membrane	Membraul		
3A	Blog 16, Basement, Floor Core Munbrane	Membrane		

(· N

## **BUILDING #10 – KATHABAR**

#### Materials Sampled

Brown Expansion Joint White Mudded Joint Packing Black Roof Membrane Black Roof Flashing

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

## ASBESTOS CONTAINING MATERIALS

#### **GROUND LEVEL**

Kathabar	White Pipe Insulation	50	linear feet
ROOF			
Roof	Black Roof Flashing	100	square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

## MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### EXTERIOR

Exterior

Brown Expansion Joint

100

linear feet

Neg Paradig n 6673-08

\*All quantities are approximations.

## PARADIGM Environmental 179 Lake Avenue Rochester, New York 716-647-2530 EAX 716-647-3311 Pervices, Inc.

 Client:
 Brownfield Restoration Group, LLC

 Location:
 Former Photech Imaging Systems

 Building #10 - Kathabar
 1000 Driving Park Avenue, Rochester, New York

 Sample Date:
 04/27/1999

Job Number:

95006

Page Number: 1 Of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Fibers Type & Asbestos Percentage		Non-Asbestos Fibers Type & Percentage	Matrix Material %
MJP-1	25497	Kathabar Tanks	White Fibrous Mudded Joint Packing	None Detected	0%		Cellulose 11% Fiberglass 7%	82%
-								
			· .					

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: croscope: Analyst: 04/27/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

## PARADIGM Environmental `ervices, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging SystemsBuilding #10 - Kathabar1000 Driving Park Avenue, Rochester, New YorkSample Date:04/21/1999

Page Number: 1 Of 1

94953

Job Number:

				<b>A</b> - <b>b</b> - <b>a</b> - <b>b</b> -				
Client ID	Lab ID	Sampling Location	Description	Asbestos	Total	T	Non-Asbestos	Matrix
				Fibers Type &	Asbestos	E	Fibers Type &	Material
				Percentage		M	Percentage	%
	l						0.11.1	
RM-1	24189	Roof Field	Black Fibrous Membrane	None Detected	0%	*	Cellulose 28%	67%
					1		Fiberglass 5%	
							TEM Neg	
RF-1	24190	Roof Flashing	Black Fibrous Flashing	Chrysotile 18%	18%		Cellulose 20%	62%
KF-1	24100	i toor i iusi iiig	Diate i Diote i Idonnig	•,••	1			
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ELAP ID No.: 10958

V/.) {

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Pate Analyzed: croscope:

Analyst:

04/26/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

**Gervices**, Inc.

PARADIGM Environmental

Client:	Brownfield Restoration Group, LLC
Chenc:	••
Location:	Former Photech Imaging Systems
	Building #10 - Kathabar
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	04/30/1999

Job Number: 95129

Page Number: 1 Of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
EJ-1	26357	Exterior	Brown Expansion Joint	None Detected	0%	*	None Detected	100%
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			·. ·					
			· · · · ·					

ELAP ID No .: 10958

M. Joh

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope:

Analyst:

Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

# T.E.M. Results

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: 1000 Driving Park Avenue, Rochester, New York

Job No:

Sample Date:		y Faik Avenue, Rochester, Nev	, ioix	Page Number:	3 of 5
			-	TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
tar-1 B-7	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	<1.0%	None Detected
RM-1 В-9	25192	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
ткім-а.1 В-9	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	<1.0%	None Detected
ткім-а.2 В-9	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	<1.0%	None Detected
RM-1 B-10	24189	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
стм-1 В-Ц	26327	Basement Men's Shower	Black Ceramic Tile Mastic	<1.0%	None Detected
<b>FT-1</b> B-11	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	<1.0%	None Detected
<b>ftm-1</b> В-(1	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	<1.0%	None Detected
смм-1 В-11	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	<1.0%	None Detected
RM-1 В-12	25576	Roof Field Roof 1	Black Fibrous Roof Felts	<1.0%	None Detected

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

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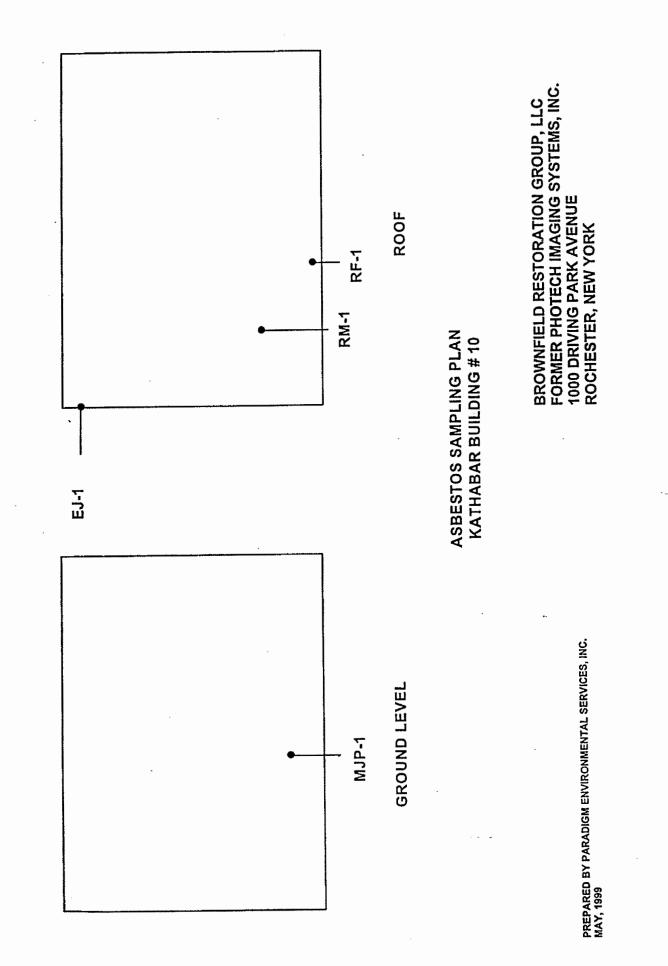
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst:

07/09/1999 Tim Wilhelm

Laboratory Results Approved By:



# **BUILDING#9-KATHABAR**

## **Total Asbestos Containing Materials:**

**Roof Flashing** 

100 square feet

# **BUILDING# 10 - KATHABAR**

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Total Asbestos Containing Materials:		
Pipe Insulation	50	linear feet
Roof Flashing	100	square feet
Total Materials to be Treated as Asbestos Containing:		
Expansion Joint	100	linear feet

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Sample Date: 6/11/2008

179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

## PLM & TEM BULK ASBESTOS REPORT

Client:	City of Rochester
Location:	Former Photech Imaging
	Building 10, Exterior

Job No: 6673-08 Page: 1 of 2

				PLM	PLM	N	TEM	TEM	PLM	PLM
			Desident	Asbestos	Total	0	Asbestos	Total	Non-Asbestos	Matrix
Client ID		Sampling Location	Description	Fibers Type &	Asbestos	В	Fibers Type &	Asbestos	Fibers Type &	Material
				Percentage			Percentage		Percentage	%
WAC-001	38902	Northwest Corner	Brown Wall Caulk	Inconclusive	0%	<u> </u>	None Detected	<1.0%	None Detected	100%
[				No Asbestos						
				Detected						
WAC-	38903	Northwest Corner	Brown Wall Caulk	Inconclusive	0%	,	None Detected	<1.0%	Fiberglass <1.0%	100%
001A				No Asbestos						
				Detected						
									<u> </u>	
									-	
									-	

## NVLAD

#### Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{}$  NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008

Microscope:Olympus BH-2 #234206PLM Analyst:B. Weinman

TEM Date Analyzed:	6/13/2008
TEM Analyst:	F. Childs

Laboratory Results Approved By: Asbestos Technical Director

Asbestos Technical Director Mary Dohr Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

1400		CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS	R PLM ASBES	TOS ANALYSI	S OFFICE USE ONLY	JNLY
ENVOY	ОΥ	Client:	Contact:			
environmental consultants, inc.	ısultants, inc.	City of Rochester		Biendelille	Job #: (6673-08	3-08
1255 Lake Avenue, Rochester, NY 14608	hester, NY 14608	···	Fax Number:			
585.454.1060 * Fax 585.454.1062	k 585.454.1062	438-6649			Page Oot (	Qui de al
Clinnt Mailing Address:	SS:	Results To:	Turn Around Time:			
30 Church S	Church St Room 300-B	I Ted Knapp	1 2 3	5 X Other	Date Logged In: $(o//2/0$	12/08
		Date Sample	Material Type/Quantity:	ity:		
Rachester WY	ا المادا	6/11/08	Friable NOB	3 TEM	Logged In By: +SC	2
		Project Location:	Project Number:		-	)
		Former Photech Imaging	OS OHSO			
General Location:	tion: Blda	10, Exterior				
Client ID	Lab ID J	Sampling Location	Do not Analyze	Color Size	Material F	Friability
I WAC- OOI	38902	Northwest Corner		BRN	WAC	2
2 WAC-00/A	903			BRN	WAC	2
<b>رب</b>						
- J						
80% 201						
I						
Sampled By:		Date: (altilics	CHECK ONE:	survey X	BULKS ONLY	
T neported to Paradiam BV	- ENVIONT/ 6. Mance	Date.	CHECK TO ALITOM	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS	TEM ON NOBS	×
		() II / 08	or provide TEM contact name:	tact name:		
Riceived By:	. (POP	Date: ( J 1. J N ?	TOTAL NUMBER O	TOTAL NUMBER OF SAMPLES IN SURVEY:	×	33
Containerized material. Uniter regulated conditi	s attached to this C ions. (Danger; Ma	Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known card uniter regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)	s is a known carcinogen s Disease Hazard)	nd should only be handlec	Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel Cancer and Lung Disease Hazard)	ersonnel
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#### **BUILDING #11 – CHEMICAL LAB**

#### **Materials Sampled**

White Pipe Insulation Black Ceramic Tile Mastic Grey Duct Cloth Expansion Cloth Grey Window Glaze **Red Duct Caulk** White Tank Covering **Orange Sheet Vinyl** Tan Sheet Vinyl Mastic Grey 12" x 12" Floor Tile Tan Floor Tile Mastic Brown Cove Molding Mastic Brown 12" x 12" Floor Tile **Black Floor Tile Mastic** White Fire Door Insulation Grey Transite Cabinet Liner Black Roof Felts

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

#### **ASBESTOS CONTAINING MATERIALS**

#### BASEMENT

•				
Throughout Basement	White Pipe Insulation Grey Window Glaze	800 200	linear feet square feet	
Debris on Floor	White Pipe Insulation	2,000	linear feet	
Room B-4	Grey Expansion Cloth	4	square feet	
1ST FLOOR				
Throughout 1st Floor	White Fire Door Insulation White Pipe Insulation	420 160	square feet linear feet	
Office B103	Brown 12" x 12" Floor Tile & Mastic	225	square feet	
Labs B108 & 109	Grey Transite (Cabinet liners and hoods and exterior of hoods)	300	square feet	
ROOF				
Roof	Black Roof Flashing	300	square feet	
Roof	Black Roof Membrane	4,200	square feet	

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Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

## MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### BASEMENT

Room B-4	Red Duct Caulk	10	linear feet
Stairway	Orange Sheet Vinyl & Mastic	130	square feet

\*All quantities are approximations.

## BUILDING# 11 - CHEMICAL LAB

#### Total Asbestos Containing Materials:

Pipe Insulation	2,960	linear feet
Transite	300	square feet
Window Glaze	200	square feet
Fire Door Insulation	420	square feet
Floor Tile and Mastic	225	square feet
Roof Flashing	300	square feet
Roof Membrane	4,200	square feet

## Total Materials to be Treated as Asbestos Containing:

Duct Caulk	10	linear feet
Sheet Vinyl & Mastic	130	square feet

PARADIGM Environmental `ervices, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging SystemsBuilding #11 - Chemical Lab1000 Driving Park Avenue, Rochester, New YorkSample Date:04/30/1999

Job Number: 95125

Page Number: 1 Of 2

		Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PI-1	26326	Basement Maintenance Shop	White Fibrous Pipe Insulation	Chrysotile 25% Amosite 30%	55%		None Detected	45%
CTM-1	26327	Basement Men's Shower	Black Ceramic Tile Mastic	None Detected	0%	*	None Detected $T \subseteq M$ N eg	100%
EC-1	26328	Basement Room B-4	Grey Fibrous Duct Expansion Cloth	Chrysotile 20%	20%		Cellulose <b>(4</b> 5%	35%
WG-1	26329	Basement Room B-4	Grey Window Glaze	Chrysotile 2%	2%		None Detected	98%
DC-1	26330	Basement Room B-4	Red Duct Caulk	None Detected	0%	*	None Detected	100%
TKI-1	26331	Basement Room B-2	White Fibrous Tank Covering	None Detected	0%		Cellulose 45% Mineral Wool 30%	25%
TKI-2	26332	Basement Room B-2	White Fibrous Tank Covering	None Detected	0%		Cellulose 35% Fiberglass 15% Wollastonite 10%	40%
SV-1	26333	Basement Stairway	Orange Sheet Vinyl	None Detected	0%	*	None Detected	100%
SVM-1	26334	Basement Stairway	Tan Fibrous Sheet Vinyl Mastic from Sample 26333	None Detected	0%	*	Wollastonite 25%	75%
FT-1	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Date Analyzed: 05/06/1999

Date Analyzed: croscope:

Analyst:

Olympus BH-2 #232953 Steve Lee

Laboratory Results Approved By:

File ID: Photech.XLS

## PARADIGM Environmental 179 Lake Avenue Rochester, New York 716-647-2530 EAX 716-647-3311 Pervices, Inc.

Client: Brownfield Restoration Group, LLC Location: Former Photech Imaging Systems Building #11 - Chemical Lab 1000 Driving Park Avenue, Rochester, New York Sample Date: 04/30/1999

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Page Number: 2 Of 2

95125

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M		Matrix Material %
FTM-1	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	None Detected	0%	*	None Detected TEM Neg	100%
CMM-1	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	None Detected	0%	*	None Detected TEM Wag	100%
FT-2	26338	1st Floor Office B103	Brown 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-2	26339	1st Floor Office B103	Black Floor Tile Mastic from Sample 26338	Chrysotile 15%	15%		None Detected	85%
FD-1	26340	1st Floor Office B103	White Fibrous Fire Door Insulation	Chrysotile 15% Amosite 8%	23%		Cellulose 10% Mineral Wool 20%	47%
TR-1	26341	1st Floor Analytical Lab B108	Grey Fibrous Transite Cabinet Liner	Chrysotile 25%	25%		None Detected	75%

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ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Date Analyzed: 05/06/1999

Date Analyzed: croscope:

Analyst:

Olympus BH-2 #232953 Steve Lee

Laboratory Results Approved By: \_

File ID: Photech.XLS

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Job Number:

# PARADIGM Environmental 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311 Services, Inc.

Client:	Brownfield Restoration Group, LLC
Location:	Former Photech Imaging Systems
	Building #11 - Chemical Lab
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	04/27/1999

Job Number:

95007

Page Number: 1 Of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RF-1	25498	Roof Flashing	Black Fibrous Felts	Chrysotile 16%	16%		Cellulose 10%	74%
RM-1	25499	Roof Field	Black Fibrous Felts	Chrysotile 15%	15%		Cellulose 10%	75%
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ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: croscope: Analyst: 04/27/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

ENVIRONMENTAL SERVICES, INC.

Building 11

6/10/2008

## PLM & TEM BULK ASBESTOS REPORT

Client: Location:

Sample Date:

City of Rochester Former Photech Imaging Systems

Exterior

			1	PLM	PLM	N	TEM Asbestos	TEM	PLM	PLM
				Asbestos	Total	0	Fibers Type &	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Fibers Type &	Asbestos	в	Percentage	Asbestos	Fibers Type &	Material
				Percentage					Percentage	%
CLK-001	38495	Off Limestone Debris on Ground	White Fibrous Caulk	Chrysotile 14%	14%		Not Required	N/A	None Detected	86%
CLK-002	38496	Westside Around Door	Gray Caulk	Chrysotile 3%	3%	$\checkmark$	Not Required	N/A	None Detected	97%
WAC-003	38497	Westside on Block Wall	White Wall Caulk	Inconclusive No Asbestos Detected	0%		None Detected	<1.0%	None Detected	100%
TRN-004	38498	Westside Covering Windows	Gray Fibrous Transite	None Detected	0%		Not Required	N/A	Cellulose 15% Wollastonite 20%	65%
WIG-005	38499	Westside	Gray Window Glaze	Chrysotile 4%	4%		Not Required	N/A	None Detected	96%
FDI-006	38500	Eastside	Brown Fibrous Paper	None Detected	0%		Not Required	N/A	Cellulose 90%	10%

## NVLAD

#### Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

Job No: 6606-08

Page: 1 of 2

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\rm NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008

Microscope:Olympus BH-2 #233173PLM Analyst:F. Childs

TEM Date Analyzed: 6/16/2008 TEM Analyst: F. Childs

Laboratory Results Approved By:

#### Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

Mary Dohr

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		010		5 X Other	Date Logged In: 6/ 11/08	n: 6/11/08
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Fochester, NY 14614	[4	Project Location: Former Photech Imaging Systems	st Numb	08/0486		00
General Location:	Building	11				
Client ID	Lab ID	Sampling Location	Do not Analyze	Color Si	Size Material	Friability
CLK-001	38495	Off limestone debris on ground		White	CLK	Non-Friable
CLK-002	01017	Westside around door		Gray	CLK	Non-Friable
🖉 WAC-003	197	Westside on block wall		White	WAC	Non-Friable
TRN-004	198	Westside covering windows	* clear clk	Gray	TRN	Non-Friable
WIG-005	6647	Westside		Gray	WIG	Non-Friable
FDI-006	500	Eastside		Brown	FDI	Non-Friable
- <u>10</u>						
9 - <del>7</del> -						
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Containenzed matenals upder regulated condition	attached to this Unit ons. (Danger; May (	Containenzed redentials attached to this Chain of Custody may contain Asbestos. Aspestos is a known carcinogen and should only be handled by trained and authorized personnel of the regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)	a known carcinogen ariu ease Hazard)	Should only be naruled	l by trained and autnoud	ed personnei
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Rev. 1 0.27.2006

## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

# T.E.M. Results

Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging Systems

1000 Driving Park Avenue, Rochester, New York Sample Date: 5/99-6/99 Job No:

Sample Date:	5/99-6/99	g		Page Number:	3 of 5
-			· · · · · · · · · · · · · · · · · · ·	TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
tar-1 B-7	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	<1.0%	None Detected
Rм-1 В-9	25192	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
ткім-а.1 В-9	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	<1.0%	None Detected
ткім-а.2 В - 9	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	<1.0%	None Detected
RM-1 B-10	24189	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
стм-1 B-ll	26327	Basement Men's Shower	Black Ceramic Tile Mastic	<1.0%	None Detected
<b>FT-1</b> B-11	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	<1.0%	None Detected
<b>ftm-1</b> В-(	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	<1.0%	None Detected
смм-1 В-11	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	<1.0%	None Delected
RM-1 В-12	25576	Roof Field Roof 1	Black Fibrous Roof Felts	<1.0%	None Detected

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

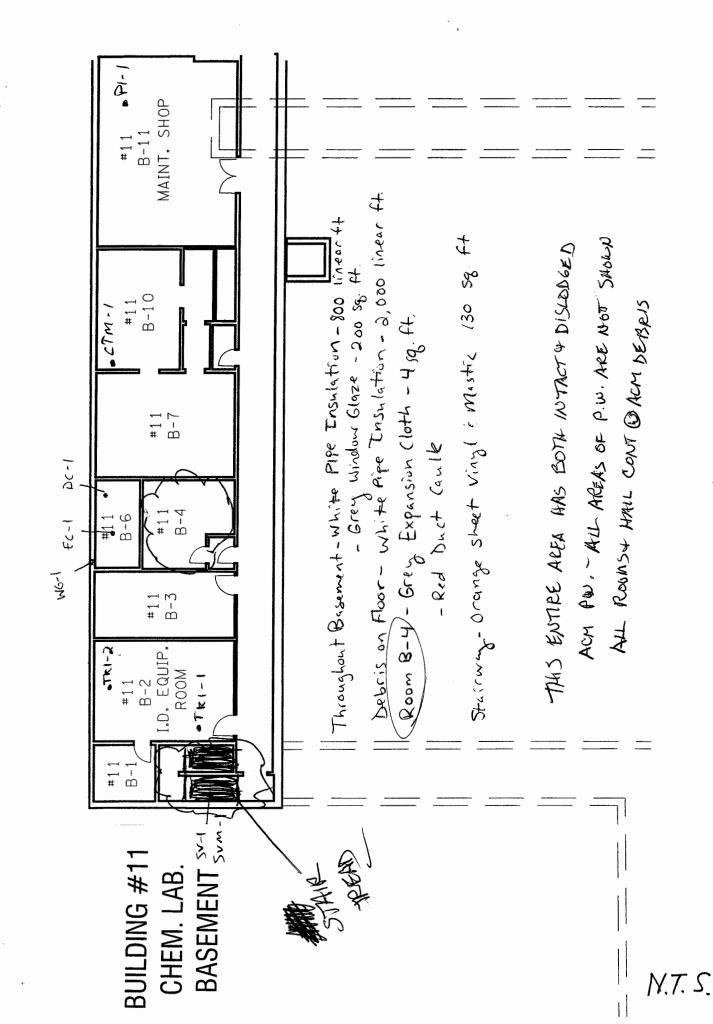
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

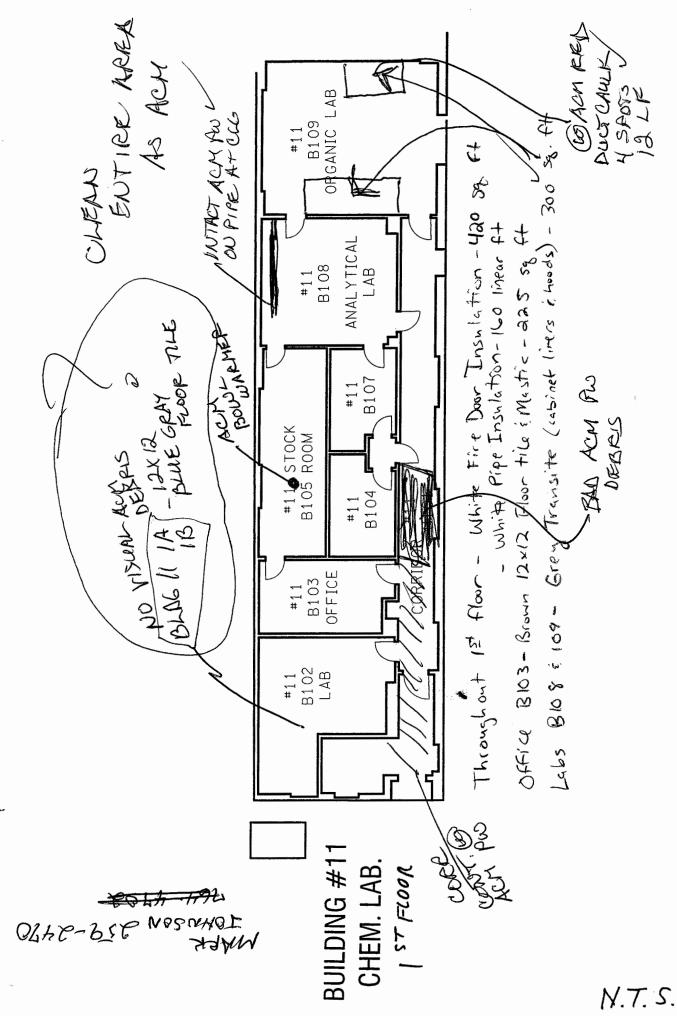
Date Analyzed: Analyst: 07/09/1999 *Tim Wilhelm* 

Laboratory Results Approved By:

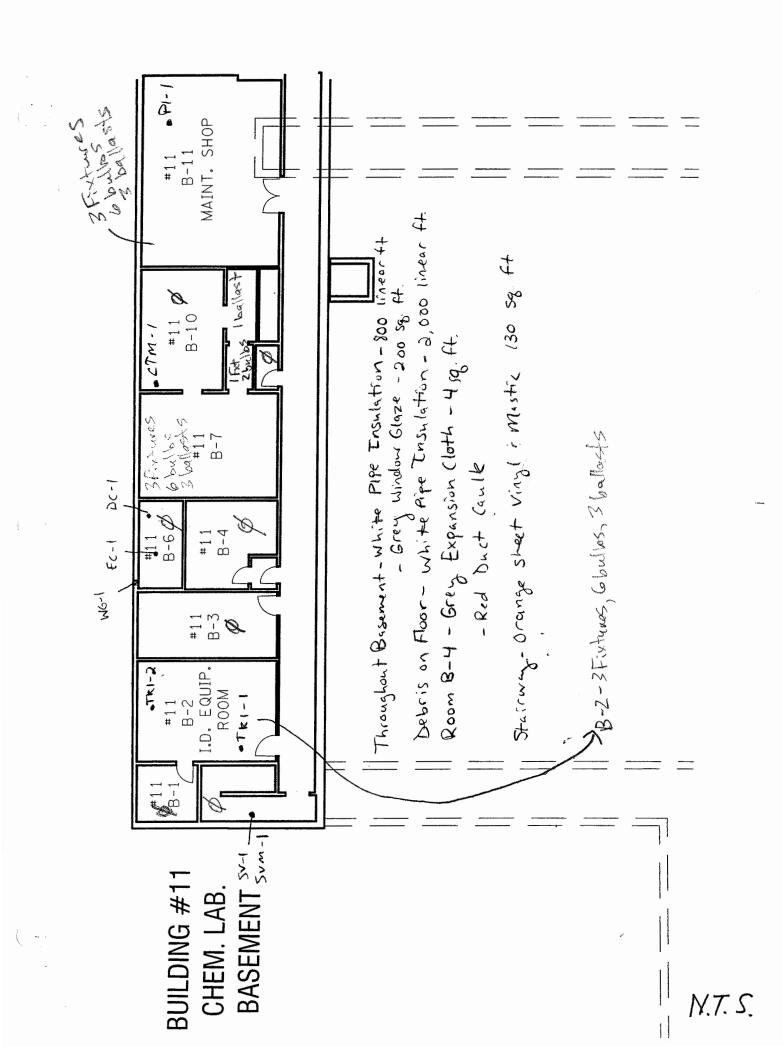
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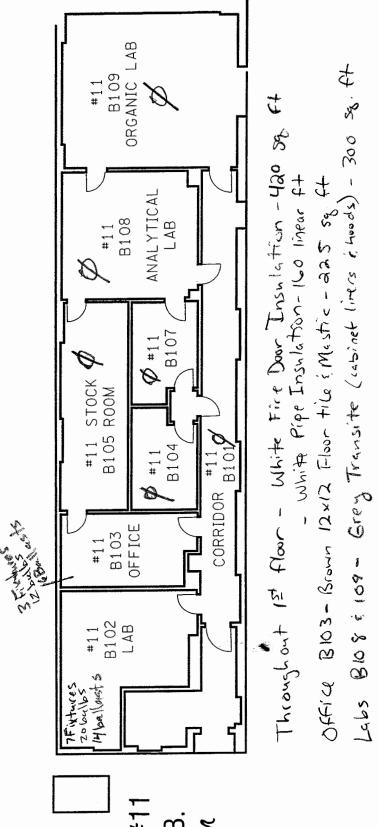


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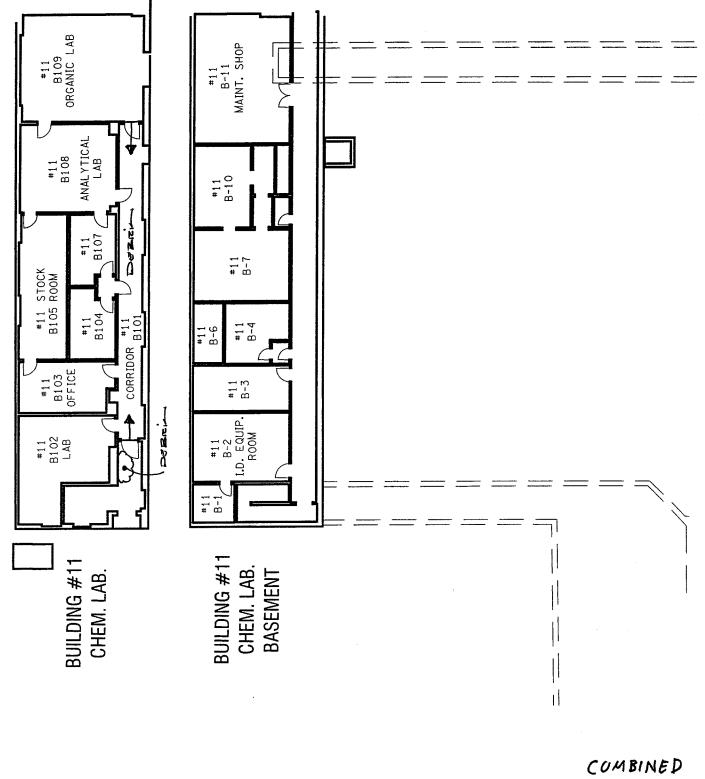
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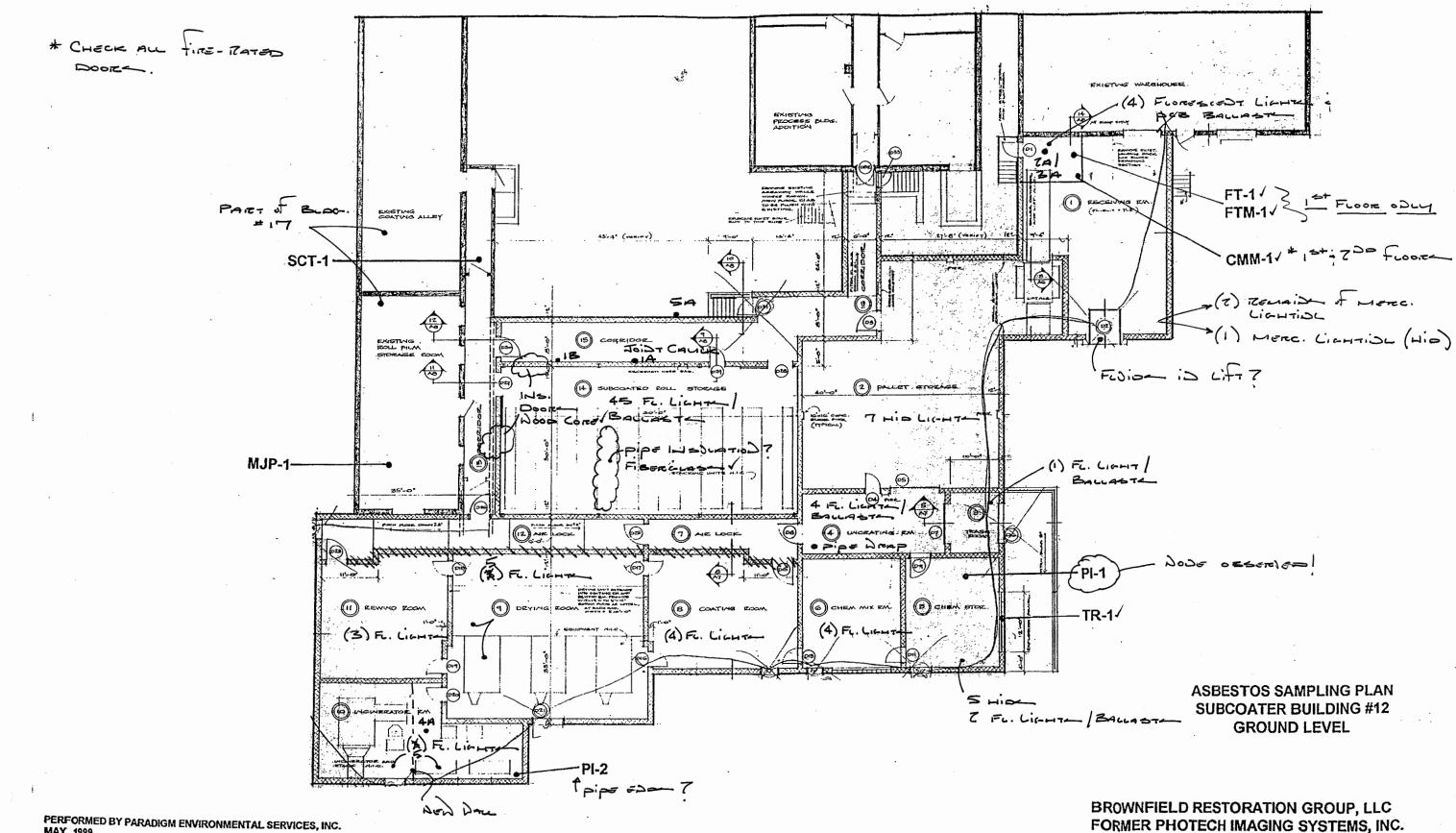
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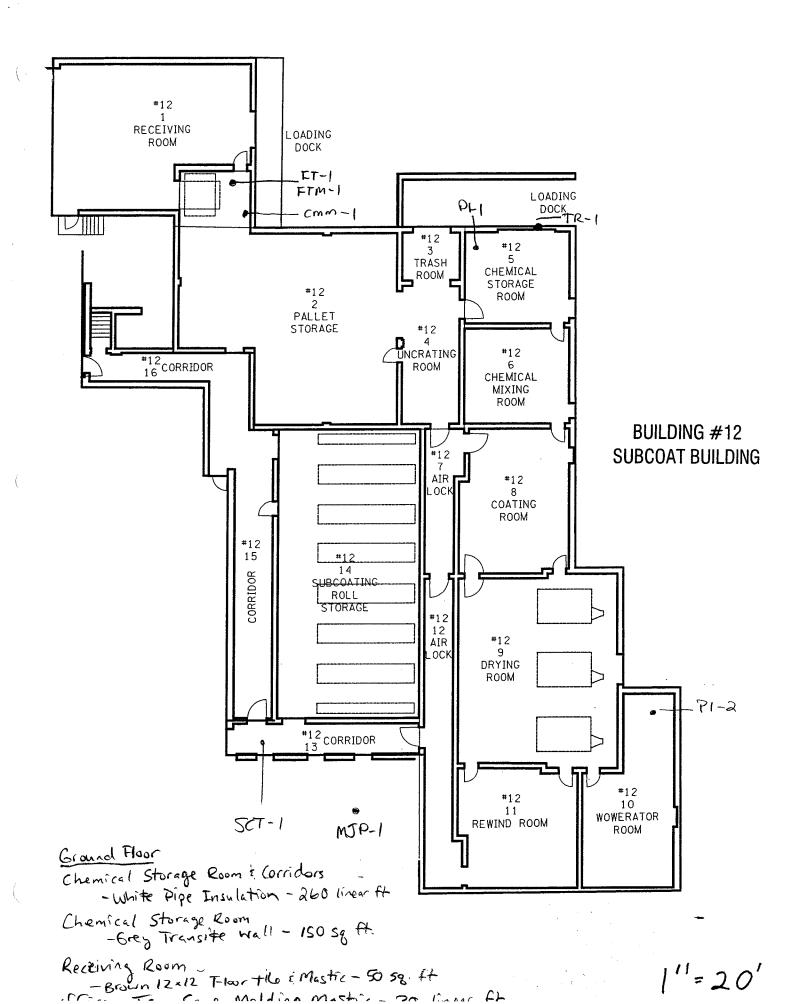
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MAY, 1999

FORMER PHOTECH IMAGING SYSTEMS, INC. **1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK** 



#### **BUILDING #12 – SUBCOAT BUILDING**

#### Materials Sampled

Grey 2' x 2' Suspended Ceiling Tile Grey Mudded Joint Packing Grey Pipe Insulation White Pipe Insulation Grey Transite Wall Brown 12" x 12" Floor Tile Black Floor Tile Mastic Tan Cove Molding Mastic Black Roof Felts Black Roof Felts Black Roof Flashing Black Roof Membrane Black Foam Insulation Mastic Grey Roof Decking

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

#### ASBESTOS CONTAINING MATERIALS

GROUND FLOOR			
Chemical Storage Room & Corridors	White Pipe Insulation	260	linear feet
Chemical Storage Room	Grey Transite Wall	150	square feet
ROOF			
Roof #2	Black Roof Field Membrane Black/Silver Roof Flashing	5,200 400	square feet square feet
Roof #3	Black Roof Flashing	125	square feet
Roof #4	Black Roof Flashing	150	square feet
Roof #5	Black Roof Flashing	80	square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

# MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### **GROUND FLOOR**

Receiving Room Office Brown 12" x 12" Floor Tile & Mastic 50 Tan Cove Molding Mastic 30 Neg by LaBella 50309-3+4

50square feet30linear feet

\*All quantities are approximations.

# BUILDING# 12 - SUBCOAT BUILDING

# **Total Asbestos Containing Materials:**

Pipe Insulation	260	linear feet
Transite Wall	150	square feet
Roof Membrane	5,200	square feet
Roof Flashing	755	square feet

## Total Materials to be Treated as Asbestos Containing:

Floor Tile and Mastic	50	square feet
Cove Molding Mastic	30	linear feet

# PARADIGM Environmental

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Rervices, Inc.

**Client:** 

Sample Date:

**Brownfield Restoration Group, LLC** 

Former Photech Imaging Systems Location: Building #12 - Subcoat Building 1000 Driving Park Avenue, Rochester, New York 05/20/1999

95926

Job Number:

1 of 1 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M		Matrix Material %
RF-3	32201	Roof 3 - Flashing	Black Fibrous Roof Flashing	Chrysotile 18%	18%		Cellulose 30%	52%
RM-3a	32202	Roof 3 - Field	Black Fibrous Roof Membrane (Top Layer)	None Detected	0%	*	Cellulose 28% Mineral Wool 10% TEM Neg	62%
RM-3b	32203	Roof 3 - Field	Black Foam Insulation Mastic (Middle Layer)	None Detected	0%	*	None Detected	100%
RM-3c	32204	Roof 3 - Field	Grey Roof Decking (Bottom Layer)	None Detected	0%		None Detected	100%
RF-4	32205	Roof 4 - Flashing	Black Fibrous Roof Flashing	Chrysotile 18%	18%		Cellulose 20% Fiberglass 10%	52%
RM-4a	32206	Roof 4 - Field	Black Fibrous Roof Membrane (Top Layer)	None Detected	0%	*	Cellulose 28% Mineral Wool 10% TEM Neg	62%
RM-4b	32207	Roof 4 - Field	Black Fibrous Roof Membrane (Bottom Layer)	None Detected	0%	*	Cellulose 8% Mineral Wool 60% TEM NOg	32%
RF-5	32208	Roof 5 - Flashing	Black Fibrous Roof Flashing	Chrysotile 12%	12%		Cellulose 30%	58%
RM-5	32209	Roof 5 - Field	Black Fibrous Roof Membrane	None Detected	0%	*	Cellulose 20% TEM Neg	80%
								<u> </u>

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. 05/21/1999

Date Analyzed: croscope:

Analyst:

Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

ervices, Inc.

PARADIGM Environmental

Client:	Brownfield Restoration Group, LLC
Location;	Former Photech Imaging Systems
	Building #12 - Subcoat Building
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	04/27/1999

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Job Number: 95018

Page Number: 1 Of 2

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
SCT-1	25568	Corridor	Grey Fibrous 2' x 2' Suspended Celling Tile	None Detected	0%		Cellulose 10% Mineral Wool 35%	55%
MJP-1	25569	Roll Film Storage Room	Grey Fibrous Mudded Joint Packing	None Detected	0%		Cellulose 5% Mineral Wool 45%	50%
PI-2	25570	Pump Room	Grey Fibrous Pipe Insulation	None Detected	0%		Mineral Wool 45%	55%
P!-1	25571	Chemical Storage Room	White Fibrous Pipe Insulation	Chrysotile 10% Amosite 15%	25%		None Detected	75%
TR-1	25572	Chemical Storage Room	Grey Fibrous Transite Wall	Chrysotile 20%	20%		None Detected	80%
FT-1	25573	Receiving Room Office	Brown 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	25574	Receiving Room Office	Black Floor Tile Mastic from Sample 25573	None Detected	0%	#	Cellulose 5%	95%
CMM-1	25575	Receiving Room Office	Tan Cove Molding Mastic	None Detected	0%	*	Cellulose 6%	94%
RM-1	25576	Roof Field Roof 1	Black Fibrous Roof Felts	None Detected	TEM Neg	*	Cellulose 32% Mineral Wool 15% Fiberglass 12%	41%
RF-1a	25577a	Roof Flashing Roof 1	Black/Silver Fibrous Roof Feits (Layer 1)	None Detected	TEM Neg	*	Cellulose 42% Mineral Wool 20%	38%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method

1 98.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

#<1.0 % of sample remained after matrix reduction. TEM Analysis is not required or necessary.

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope:

Analyst:

04/29/1999 Olympus BH-2 #232953 *Mary Dohr* 

Laboratory Results Approved By: 🛓

File ID: Photech.XLS

## PARADIGM Environmental 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging SystemsBuilding #12 - Subcoat Building1000 Driving Park Avenue, Rochester, New York

Sample Date: 04/27/1999

ervices, Inc.

Job Number: 95018

Page Number: 2 Of 2

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RF-1b	25577b	Roof Flashing Roof 1	Black/Silver Fibrous Roof Felts (Layer 2)	None Detected	0%	*	Cellulose 31% Mineral Wool 12% Fiberglass 17%	40%
RM-2a	22578a	Roof Field Roof 2	Black Fibrous Roof Felts (Layer 1)	Chrysotile 23% ?	0% TEM Weg		Celiulose 25%	52%
RM-2b	22578b	Roof Field Roof 2	Black Fibrous Roof Felts (Layer 2)	Chrysotile 39%	39%		Cellulose 23%	38%
RF-2	22579	Roof Flashing Roof 2	Black/Silver Fibrous Roof Felts	Chrysotile 36%	36%		Cellulose 24%	40%
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ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope:

Analyst:

04/29/1999 Olympus BH-2 #232953 *Mary Dohr* 

Laboratory Results Approved By:

File ID: Photech.XLS

# PARADIGM Environmental

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Services, Inc.

# T.E.M. Results

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: 1000 Driving Park Avenue, Rochester, New York Sample Date: 5/99-6/99

Job No:

Sample Date:	•			Page Number:	3 of 5
				TEM A	
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
tar-1 B-7	25238	Mezzanine - Coating Alley Behind Plaster	Black/Silver Fibrous Tar Paper	<1.0%	None Detected
RM-1 В-9	25192	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
ткім-а.1 B-9	25193	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 1)	<1.0%	None Detected
ткім-а.2 В - 9	25194	Kathabar Holding Unit	Tan Tank Insulation Mastic (Layer 2)	<1.0%	None Detected
RM-1 B-10	24189	Roof Field	Black Fibrous Membrane	<1.0%	None Detected
стм-1 В-Ц	26327	Basement Men's Shower	Black Ceramic Tile Mastic	<1.0%	None Detected
<b>ft-1</b> B-11	26335	1st Floor Lab Room B102	Grey 12" x 12" Floor Tile	<1.0%	None Detected
<b>ftm-1</b> В-(	26336	1st Floor Lab Room B102	Tan Floor Tile Mastic from Sample 26335	<1.0%	None Detected
смм-1 В-11	26337	1st Floor Lab Room B102	Brown Cove Molding Mastic	<1.0%	None Detected
RM-1 В-12	25576	Roof Field Roof 1	Black Fibrous Roof Felts	<1.0%	None Detected

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

**Date Analyzed:** Analyst:

07/09/1999 Tim Wilhelm

Laboratory Results Approved By:

## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

# T.E.M. Results

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Client: Brownfield Restoration Group, LLC Location: Former Photech Imaging Systems

Job No:

1000 Driving Park Avenue, Rochester, New York Sample Date: 5/99-6/99 200 140.

Sample Date:			·	Page Number:	4 of 5
				TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
RF-1a	25577a	Roof Flashing Roof 1	Black/Silver Fibrous Roof Felts (Layer 1)	<1.0%	None Detected
RM-2a B-12	22578a	Roof Field Roof 2	Black Fibrous Roof Felts (Layer 1)	<1.0%	None Detected
RM-3a B-12	32202	Roof 3 - Field	Black Fibrous Roof Membrane (Top Layer)	<1.0%	None Detected
RM-36 B-12	32203	Roof 3 - Field	Black Foam Insulation Mastic (Middle Layer)	<1.0%	None Detected
RM-4a B-12	32206	Roof 4 - Field	Black Fibrous Roof Membrane (Top Layer)	<1.0%	None Detected
RM-46 Bース	32207	Roof 4 - Field	Black Fibrous Roof Membrane (Bottom Layer)	<1.0%	None Detected
RM-5 B-1ス	32209	Roof 5 - Field	Black Fibrous Roof Membrane	<1.0%	None Detected
<b>RM-1</b> В~13	25502	Roof Field	Black Fibrous Roof Felts	<1.0%	None Detected
<b>RF-1</b> B-13	25503	Roof Flashing	Black Fibrous Roof Felts	<1.0%	None Detected
RM-1 B-16	25478	Roof Field	Black Fibrous Roof Felts	<1.0%	None Detected

<u>:</u> .

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

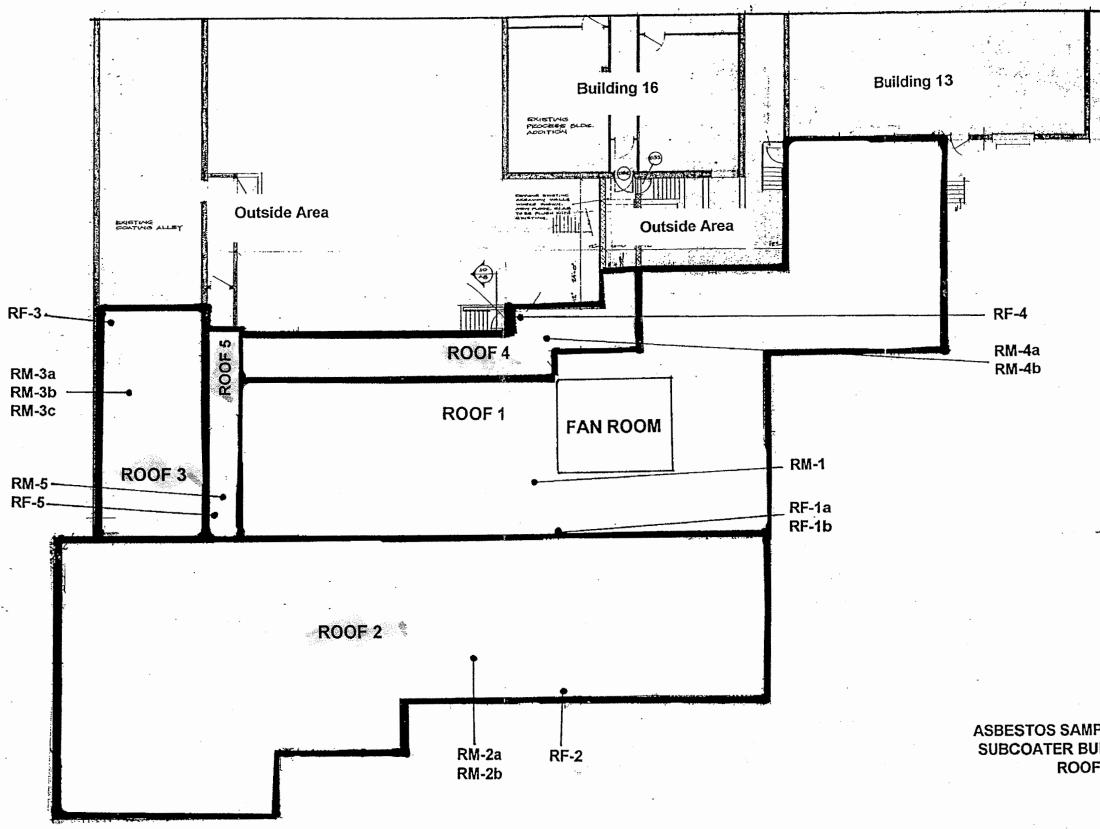
TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst:

( . .

07/09/1999 *Tim Wilhelm* 

Laboratory Results Approved By:



PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

#### ASBESTOS SAMPLING PLAN SUBCOATER BUILDING #12 ROOF

**BROWNFIELD RESTORATION GROUP, LLC** FORMER PHOTECH IMAGING SYSTEMS, INC. **1000 DRIVING PARK AVENUE** ROCHESTER, NEW YORK

## BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

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#### LBL JOB # 50309

ELAP # 11184

TEM ELAP # 10920

LABELLA PROJECT # 209288 phase 2

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/10/2009

ADDRESS: <u>300 State Street</u> Rochester, NY 14614

CLIENT: Labella Associates, PC

PROJECT LOCATION:	Photech -	·Bu	uilding #12						
	I SAME AND	method	ASBESTOS		OTHER				
FIELD ID	LBL ID	me	TYPE	%	FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
12-1A	50309-1	Т	ND		ND		MIN/BINDER	100	WHITE CAULK
12-1B	50309-2	Т	ND		ND		MIN/BINDER	100	WHITE CAULK
12-2A	50309-3	Т	ND		ND		MIN/VINYL	100	BROWN FLOOR TILE W/BLACK MASTIC
12-3A	50309-4	Т	ND		ND		MIN/BINDER	100	TAN MASTIC
12-4A	50309-5	Т	ND		FIBERGLASS	10	MIN/BINDER	90	GRAY PIPE END SEALER
12-5A	50309-6	Т	ND		ND		MIN/BINDER	100	GRAY ADHESIVE
t t t t t t t t t t t t t t t t t t t									
									· · · · · · · · · · · · · · · · · · ·
1995-1999-1997									- 1976
PLM Method EPA 600/M4/82	2/020				M+	<u>ل</u> رس	1. ++		alintar
		La	ab Supervis	or:	Mati		mitt		Date: <u>9/12/09</u>
ND - None Detected CELL	-Cellulose		- Joint Compo				GLASS - Fi	bergl	ass <1 = Trace PLAS - Plaster

 ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PL</td>

 P - Friable PLM analytical result
 N - NOB PLM analytical result
 T - TEM analytical result

 G-Gravimetric Matrix Reduction.
 Sample residue weight <1% of original sample weight, TEM not required.</td>

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

#### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - BLOG 12	Client: City of Rochester
Job No.: 709788 / 7	Rates: 7.0/70/50
PIN/ BIN:	Sampled by: <u>Mitch Smith</u>
Date: 9 10 09	Relinquished by: <u>Mitch Smith</u>
LaBella Lab No.: <u>50309</u>	Received by: <u>Matt Smith</u>
Positive Stop Protocol: Yes No	Number of Samples:

	Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
(	12-1A	BLDG. 12 CORREDOR #15 00 BLOCK DALL JO:07	VERTICAL JOIDT		
2	17-)B	પ પ 			
3	12-24	BLDG. 17 RECEIVING Office	BRODD 12×17 FLOOR TILE D		- Fraire
4	12-34	13 	MOLDIDL MASTIC	*	+ Airc
5	17-44	BLDG. 17 ON VERTICAL PIPER IN INCIDERATOR TOOM			<u>G100D</u>
6	17-5A	BLDG IZ BELON TAD EXT. FACADE ON CMU	ADHEDINE		(2003) (2007)

H:\Forms\ASBESTOS SAMPLING SURVEY LOG.doc

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

## PLM & TEM BULK ASBESTOS REPORT

С	lī	Δ	n	÷	٠	
v		c		c	٠	

City of Rochester

Job No: 6891-08 Page: 1 of 2

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Location:

1000 Driving Park Avenue Building 12, Exterior

Sample Date: 6/17/2008

Page: 1 of 2

			1	PLM	PLM	N	<b>TEM Asbestos</b>	TEM	PLM	PLM
				Asbestos	Total	0	Fibers Type &	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Fibers Type &	Asbestos	в	Percentage	Asbestos	Fibers Type &	Material
				Percentage					Percentage	%
CEM-001	40222a	Over Foam SW Corner	Pink Cement	None Detected	0%		Not Required	N/A	None Detected	100%
CEM-001	40222b	Over Foam SW Corner	Gray Cement	None Detected	0%		Not Required	N/A	Fiberglass 3%	97%
CEM- 001A	40223a	Over Foam West Side	Pink Cement	None Detected	0%		Not Required	N/A	None Detected	100%
CEM- 001A	40223b	Over Foam West Side	Gray Cement	None Detected	0%		Not Required	N/A	Fiberglass 2%	98%
CEM-002	40224	Under Foam SW Corner	Gray Cement	None Detected	0%		Not Required	N/A	None Detected	100%
CEM- 002A	40225	Under Foam West Side	Gray Cement	None Detected	0%		Not Required	N/A	None Detected	100%
WAC-003	40226	Around Loading Dick Door North Side	Gray Wall Caulk	Inconclusive No Asbestos Detected	0%		None Detected	<1.0%	None Detected	100%
WAC- 003A	40227	Around Loading Dick Door West Side	Gray Wall Caulk	Inconclusive No Asbestos Detected	0%		None Detected	<1.0%	None Detected	100%

## Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{}$  NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/18/2008

Microscope:Olympus BH-2 #234206PLM Analyst:B. Weinman

TEM Date Analyzed: 6/19/2008 TEM Analyst: M. Hasenauer

Mary Dohr

Laboratory Results Approved By: Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available unon request

		CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS	R PLM ASBES	STOS AN	AL YSIS		OFFICE USE ONLY
ENVOY environmental consultants, inc.		Client: City of Rochester	Contact: Joseph I	Joseph Biondolillo		,χα) ∷# qor	80-1680
57 Ambrose St, Rochester, NY 14608 585-454.1060 * Fax 585-454.1062	sster, NY 14608 585.454.1062	Phone Number: 585-428-6649	Fax Number: Not r	Not provided			S:
Clinet Mailine Addres			Tim Around Time.	5000		rage ~/	
Cilent mailing Address:	SS:	Kesuits 10:		[	Γ		
30 Church Street		Gregg Mance	1 2 3	5 X Other	er	Date Logged In: しし	XOL LION
City Hall Room 300-B	0-B	Date Sampled:	Material Type/Quantity:	tity:		-	5 - -
Rochester, NY 14614	614	June 17, 2008	Friable X NOB	B X TEM	×	حمل المراجع ال	i celeti C
Project Location:		Project Address:	Project Number:			2	ni din V
Former Photech Imaging Site	naging Site	1000 Driving Park Avenue		0-00	00+0-00	-	ia ianije
General Location:		Building 12 Exterior					-
Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 CEM-001	SHERENH	나 Over foam SW corner		Gray	N/A	CEM	Non-friable
2 CEM-001A	Ar CC	AB Over foam West side		Gray	N/A	CEM	Non-friable
3 CEM-002	T CC	Under foam SW corner		Gray	N/A	CEM	Non-friable
4 CEM-002A	Gee	Under foam West side		Gray	N/A	CEM	Non-friable
5 WAC-003	9 CC	Around loading dock door north side	de anything else	Gray	N/A	WAC	Non-friable
6 WAC-003A	Lee	Around loading dock door west side	de anything else	Gray	N/A	WAC	Non-friable
7							( internetion in the second
8							
6							
10							
Sampled By: Greg	Gregg Mance	Date: June 17, 2008	CHECK ONE:	SURVEY	×	BULKS ONLY	
Transported to Paradigm By:		Gregg Mance Date: June 17, 2008	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:	IATICALLY PE ntact name:	ERFORM TE	EM ON NOBS	
Received By: W	Herm	morlow Date: (, 117108	TOTAL NUMBER OF SAMPLES IN SURVEY:	F SAMPLES I	N SURVEY:		
Containerized materials under regulated conditi	s attached to this C. ons. (Danger; May	Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)	s is a known carcinogen Disease Hazard)	and should only	be handled b	y trained and autho	rized personnel
Rev. 1 0.27.2006	96				Η	PLM Photech B12 Ext 6.17.08.xls	tt 6.17.08.xls

## **BULK SAMPLE ASBESTOS** ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

CLIENT: Labella Associates, PC

#### 70209 LBL JOB #

ELAP # 11184

TEM ELAP # 10920

209288.03 LABELLA PROJECT #

SAMPLE TYPE: PLM Bulk

ADDRESS: 300 State Street

702

Rochester, NY 14614

SAMPLE DATE: 11/09/2009

PROJECT LOCATION:	Photecn	00000000							
	TANJARAMANA	method	ASBESTOS		OTHER				
FIELD ID	LBL ID	mel	TYPE	%	FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
1 <b>A</b>	70209-1	Т	ND		CELLULOSE	38	TAR	62	BLACK MEMBRANE B-IFloor Cor
2A	70209-2	G	ND		ND		RUBBER	100	BLACK MEMBRANE 8-12 Floor C
3A	70209-3	Т	ND		CELLULOSE	40	TAR	60	BLACK MEMBRANE B-16 FLOOR C
									1. The factor is a second s
			1.000						
							-771		
							·		
			- AP37/1 Marca					ļ	
					···				
A Method EPA 600/M4/8	2/020	La	ab Supervise	or:	Mat	t,	Smith	L	Date: 11/10/09
- None Detected CELI P - Friable PLM analy		JC	- Joint Compo	und	MIN - M	ineral	GLASS - F	iberg	

G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

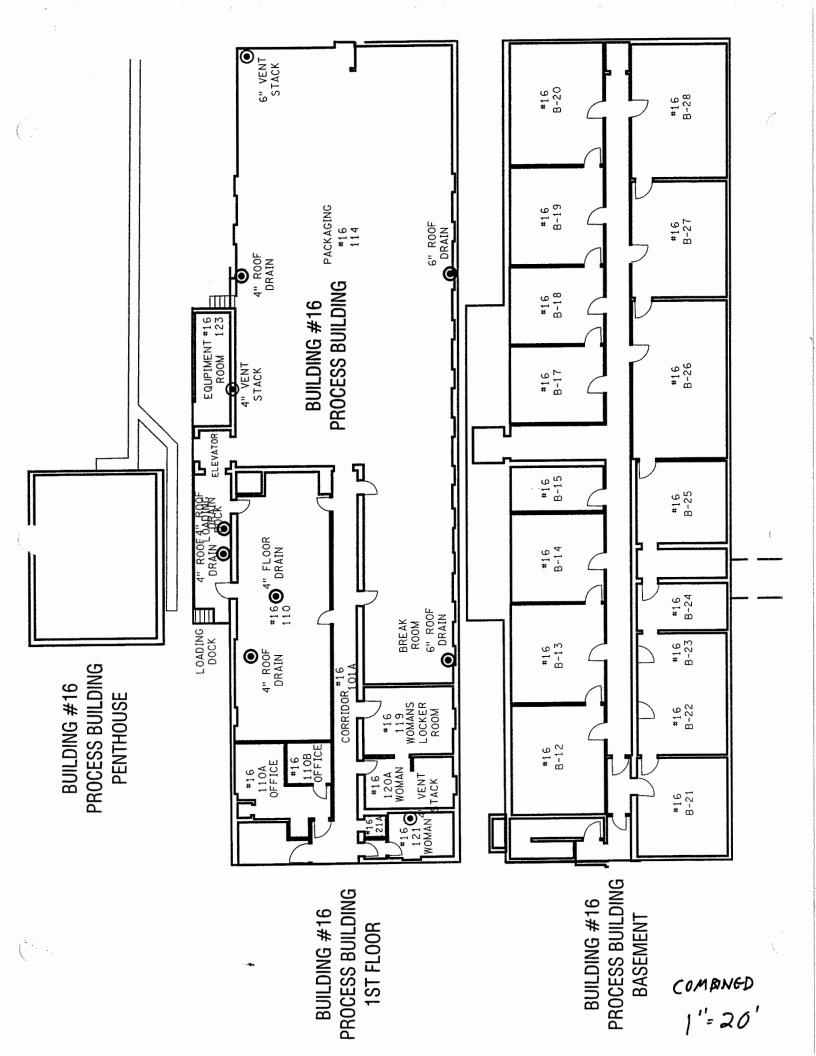
Page 1 of 1

#### ASBESTOS SAMPLING SURVEY **BULK SAMPLE LOG** AND CHAIN OF CUSTODY

Location: Th	tion: Photech Client: C. of Rochester								
Job No.: <u>20</u>	7288.03	Rates:	Rates:						
PIN/ BIN:			Sampled by:						
Date:		Relinquished by: 5. Davis							
LaBella Lab No	<u>.: 70209</u>	Received by: <u>Matt S</u>	Smith						
	rotocol: Yes 🔲 No 🔤	Number of Samples:	3						
	r			1					
Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition					

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
€ / A 	Bldg. 1, Basement, Flogr Core Membraue			
A	Bldg. # 12, Chem. Robn, Floor Core Membrane	Membraul		
3A	Blog 16, Basement, Floor Core Munbrane	Membrane		

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## BUILDING #16 - PROCESS BUILDING

#### Materials Sampled

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**Black Roof Felts Black Pipe Insulation Mastic** White Pipe Insulation White Duct Insulation **Grey Ceiling Plaster** Red Duct Caulk Tan Mastic White Foam Cover White Plastic Grey 9" x 9" Floor Tile **Brown Floor Tile Mastic** Black Floor Tile Mastic White Spackle White 2' x 4' Suspended Ceiling Tile White Roof Decking Grey Wall Board Black Pipe Insulation

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

## ASBESTOS CONTAINING MATERIALS

#### BASEMENT

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Throughout Basement	White Pipe Insulation	2,000	linear feet
1ST FLOOR			
Throughout 1st Floor	White Pipe Insulation and Black Pipe Insulation Mastic	1,500	linear feet
Packaging Room	Grey 9" x 9" Floor Tile & Mastic	1,300	square feet
ROOF			
Roof	Black Roof Flashing	450	linear feet
PENTHOUSE			
Fan Room (Interior/Exterior)	White Pipe Insulation and Black Pipe Insulation Mastic	350	linear feet
	White Duct Insulation	600	square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

#### MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### BASEMENT

Room B-26 Red Duct Caulk

5 linear feet

400

#### FIRST FLOOR

Corridor

Grey 9" x 9" Floor Tile & Mastic Confirmed ACM square feet

\*All quantities are approximations.

# PARADIGM Environmental

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

**Services**, Inc.

Client:	Brownfield Restoration Group, LLC
Location:	Former Photech Imaging Systems
	Building #16 - Process Building
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	04/27/1999

Job Number: 95005

1 of 2 Page Number:

Client ID	Lab ID	Fit		Sampling Location Description		Fibe			Fibers Type		ampling Location Description Asbestos Tota Fibers Type & Asbes Percentage		Fibers Type & Asbe		Fibers Type & Asb	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Materia %
RF-1	25477	Roof Flashing	Black Fibrous Roof Felts Chrysotile 14% 14%		Cellulose 20%	66%													
RM-1	25478	Roof Field	Black Fibrous Roof Felts	None Detected	TEM Neg	*	Cellulose 30%	70%											
PIM-1	25479	Penthouse - Fan Room	Black Fibrous Pipe Insulation Mastic	None Detected	0%	*	None Detected	100%											
PI-1	25480	Penthouse - Fan Room	White Fibrous Pipe Insulation	Chrysotile 20% Amosite 20%	40%	40% No		60%											
DI-1	25481	Penthouse - Fan Room	White Fibrous Duct Insulation	Chrysotile 57%	57%	57% None Detected		43%											
CP-1	25482	Basement Corridor Celling	Grey Ceiling Plaster	None Detected	0%		None Detected	100%											
PI-2	25483	Basement Room B-27	White Fibrous Pipe Insulation	Amosite 44%	44%		None Detected	56%											
DC-1	25484	Basement Room B-26	Red Duct Caulk	None Detected	0%	*	None Detected	100%											
C-1a	25485	Basement Alley Celling	Tan Mastic (Layer 1)	None Detected 0% てEM None Detected 0%		*	None Detected	100%											
C-1b	25486	Basement Alley Ceiling	White Foam Cover (Layer 2)	None Detected	TEM Neg	*	None Detected	100%											

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method

198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope:

Analyst:

04/27/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

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## PARADIGM Environmental Pervices, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging SystemsBuilding #16 - Process Building1000 Driving Park Avenue, Rochester, New YorkSample Date:04/27/1999

Job Number: 95005

Page Number: 2 Of 2

Client ID	Lab ID Sampling Location		Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Materia %	
C-1c	25487	Basement Alley Ceiling	Alley Ceiling White Fibrous Plastic None Detected 0% Mineral Wool (Layer 3)		Mineral Wool 35%	65%			
FT-1	25488	1st Floor Corridor	Grey 9" x 9" Floor Tile	None Detected	0%	*	None Detected	cted 100%	
FTM-1	25489	1st Floor Corridor	Brown Floor Tile Mastic from Sample 25488	None Detected	0%	*	Cellulose 6%	94%	
SPK-1	25490	1st Floor - Room 110A	White Spackle	nite Spackle None Detected		0% None Detected		100%	
SCT-1	25491	1st Floor - Break Room	White Fibrous 2' x 4' Suspended Ceiling Tile	None Detected	0%	0% Cellulos Mineral W		25%	
FT-2	25492	1st Floor - Packaging Room	Grey Fibrous 9" x 9" Floor Tile	Chrysotile 16%	16%		None Detected	84%	
FTM-2	25493	1st Floor - Packaging Room	Black Fibrous Floor Tile Mastic from Sample 25492	None Detected	0%		Cellulose 12%	88%	
PIM-4	25494	1st Floor - Packaging Room	Black Fibrous Pipe Insulation Mastic	None Detected	e Detected 0% * None Detecte		None Detected	100%	
PI-5	25495	1st Floor - Packaging Room	Black Fibrous Pipe Insulation	None Detected	0%		Cellulose 66%	34%	
RD-1	25496	Roof Decking	White Fibrous Roof Decking	None Detected	0%	+	Wood Fiber 18%	82%	

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

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\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: :roscope:

Analyst:

04/27/1999 Olympus BH-2 #232953 *Patrick Fitzgerald* 

Laboratory Results Approved By: \_

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## **PARADIGM** Environmental ervices, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

## **Brownfield Restoration Group, LLC**

Former Photech Imaging Systems Location:

Building #16 - Process Building

1000 Driving Park Avenue, Rochester, New York

04/30/1999 Sample Date:

**Client:** 

Job Number: 95128

Page Number: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
WB-1	26355	Exterior Window Cover	Grey Fibrous Wall Board	None Detected	0%		Cellulose 56%	44%
WB-2	26356	Exterior Window Cover	Grey Fibrous Wall Board	None Detected	0%		Cellulose 22%	78%
l ]								
			·					

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

:

**Date Analyzed:** croscope: Analyst:

05/05/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

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## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

# T.E.M. Results

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location:

Job No:

1000 Driving Park Avenue, Rochester, New York nle Date: 5/99-6/99

Sample Date:	-	Fair Avenue, Ruchester, New	i i i i i i i i i i i i i i i i i i i	Page Number:	4 of 5
				TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
RF-1a B-1ス	25577a	Roof Flashing Roof 1	Black/Silver Fibrous Roof Felts (Layer 1)	<1.0%	None Detected
RM-2a B-12	22578a	Roof Field Roof 2	Black Fibrous Roof Felts (Layer 1)	<1.0%	None Detected
<u>в-12</u>	32202	Roof 3 - Field	Black Fibrous Roof Membrane (Top Layer)	<1.0%	None Detected
RM-36 B-1ス	32203	Roof 3 - Field	Black Foam Insulation Mastic (Middle Layer)	<1.0%	None Detected
RM-4a B-12	32206	Roof 4 - Field	Black Fibrous Roof Membrane (Top Layer)	<1.0%	None Detected
RM-46 Bース	32207	Roof 4 - Field	Black Fibrous Roof Membrane (Bottom Layer)	<1.0%	None Detected
RM-5 B-1ス	32209	Roof 5 - Field	Black Fibrous Roof Membrane	<1.0%	None Detected
<b>RM-1</b> B~13	25502	Roof Field	Black Fibrous Roof Felts	<1.0%	None Detected
<b>RF-1</b> B-13	25503	Roof Flashing	Black Fibrous Roof Felts	<1.0%	None Detected
RM-1 B-16	25478	Roof Field	Black Fibrous Roof Felts	<1.0%	None Detected

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst:

07/09/1999 Tim Wilhelm

Laboratory Results Approved By:

## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

# T.E.M. Results

#### **Brownfield Restoration Group, LLC Client:** Location: Former Photech Imaging Systems 1000 Driving Park Avenue, Rochester, New York

Job No:

Sample Date:		g,, ,, ,		Page Number:	5 of 5
			÷ .	TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
DC-1	25201	Lower Level	Grey Duct Caulk	<1.0%	None Detected
B-17 sv-1	25205	Upper Level	Grey Fibrous Sheet Vinyl	<1.0%	None Detected
B-17		Corridor			
C-1a	25485 et	Basement Alley Ceiling	Tan Mastic (Layer 1)	<1.0%	None Detected
B-16 C-1b	<b>द्</b> 25486	Basement Alley Ceiling	White Foam Cover	<1.0%	None Detected
B-16		. `	(Layer 2)		
		· :			

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

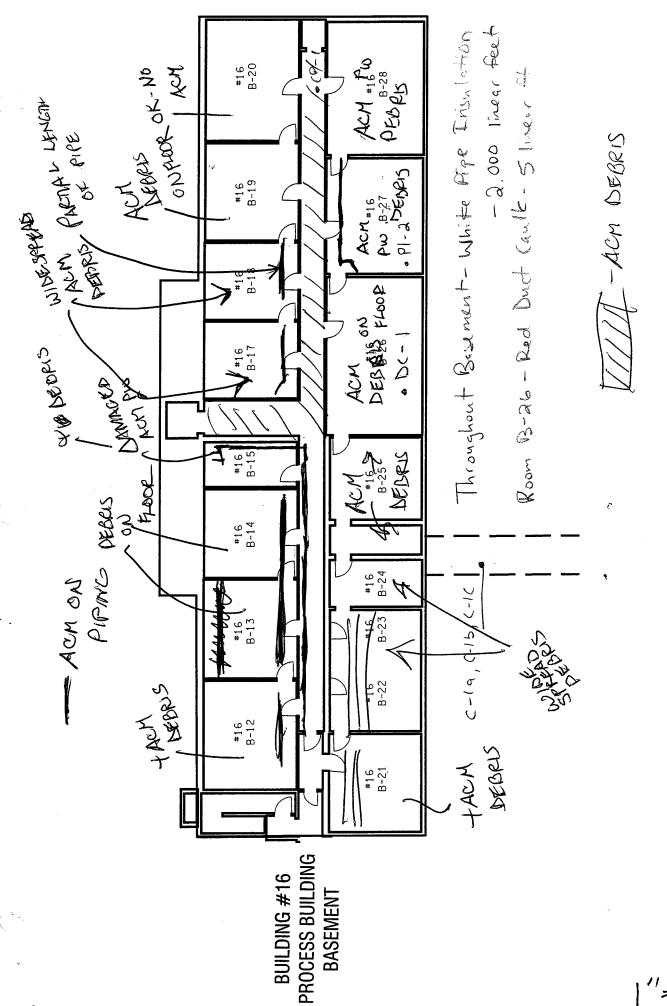
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst:

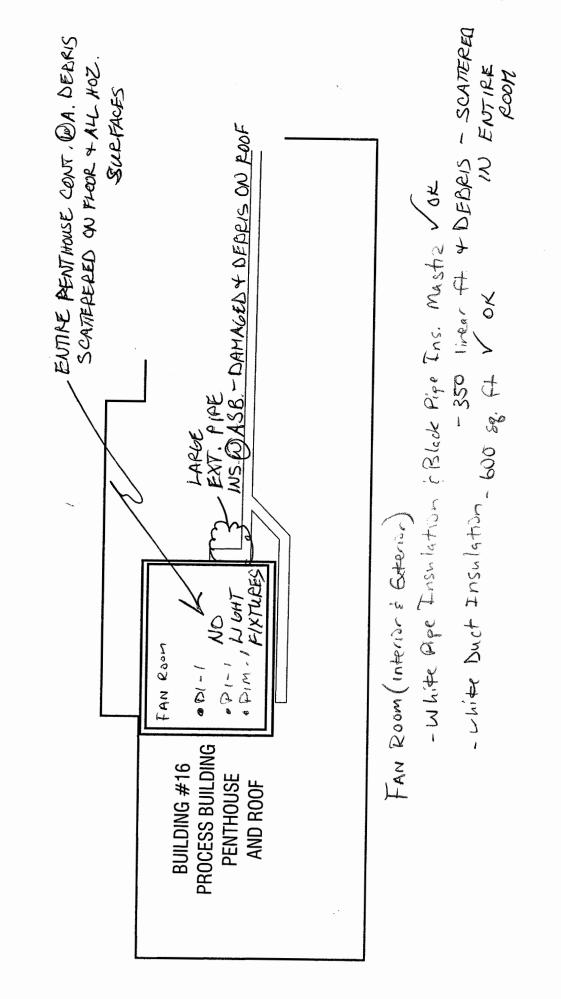
07/09/1999 Tim Wilhelm

Laboratory Results Approved By:

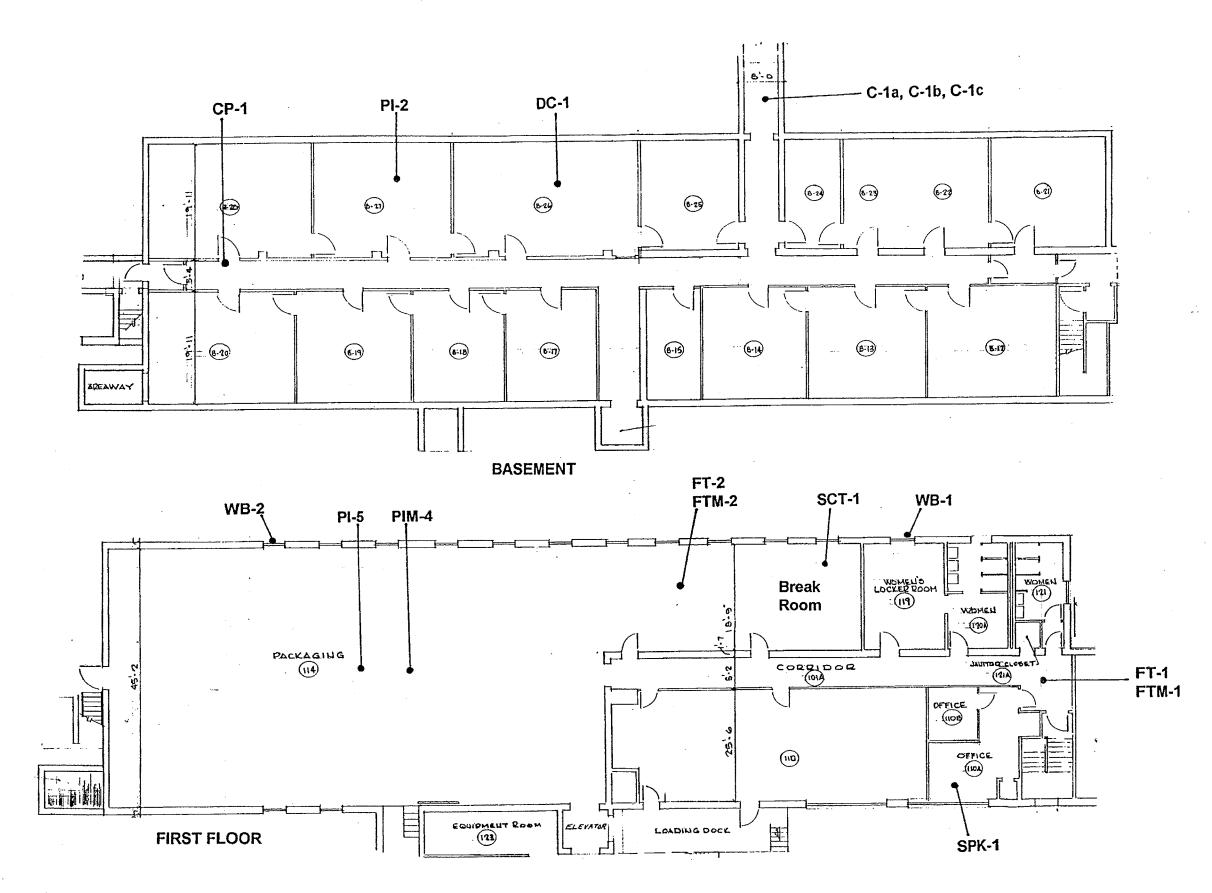


"=20"

HUAC DUCTS TAIN SYDON Throughout 1st flur - White Ripe Insulation & Black Ripe Insulation Mustic F.G.  $oldsymbol{O}$ 6" VENT STACK NO TUZNI Cight Firlbsing un un un un un Packacine un un un un un un un \*16 Ball sets: un un un un un un un IN THIS BH Rain V MILLING STA W B-3 ままずまの 108 = 2 Firstures, & bullos, 4 bullasts 110A=1 Fixture, 2 bullasts, 4 bulles 6" R00F DRAIN fM=4 Fixtures, 8 ballasts, 16 bulbs 4" ROOF 9×9 flur tile émastic PIM -4 **PROCESS BUILDING** BUILDING #16 -1,300 59. EQUPIMENT #16 ROOM 123 - 1,500 linear At - the se ft 4" VENT STACK Conidor - Grey 9×9 Floor the & Mastiz · PI-S 120A= 0 ELEVATOR 121 = 0 ป FTM-2 Packaging Room - Grey · -1-2 0 DRAIN DRAIN Corridor = 3 fixtures 3 bullasts 4 bulles Bulsithing the will 110 Intraction and the second seco 6" ROOF DRAIN - DS . BREAK ROOM ROOF Xui o 0 EX:UNIT ~8-1 NOMANS LOCKER ROOM #16 PW PERPE SPk - | 110B OFFICE GRAT 9X9 FT/MAS. 15 LOOSE, DAMACED WOMAN 20A #16 VFNT 8/24/09 /72 FLOOR NOMAN FW IS MACH PROCESS BUILDING BUILDING #16 **1ST FLOOR** 1 = 20



"=20"

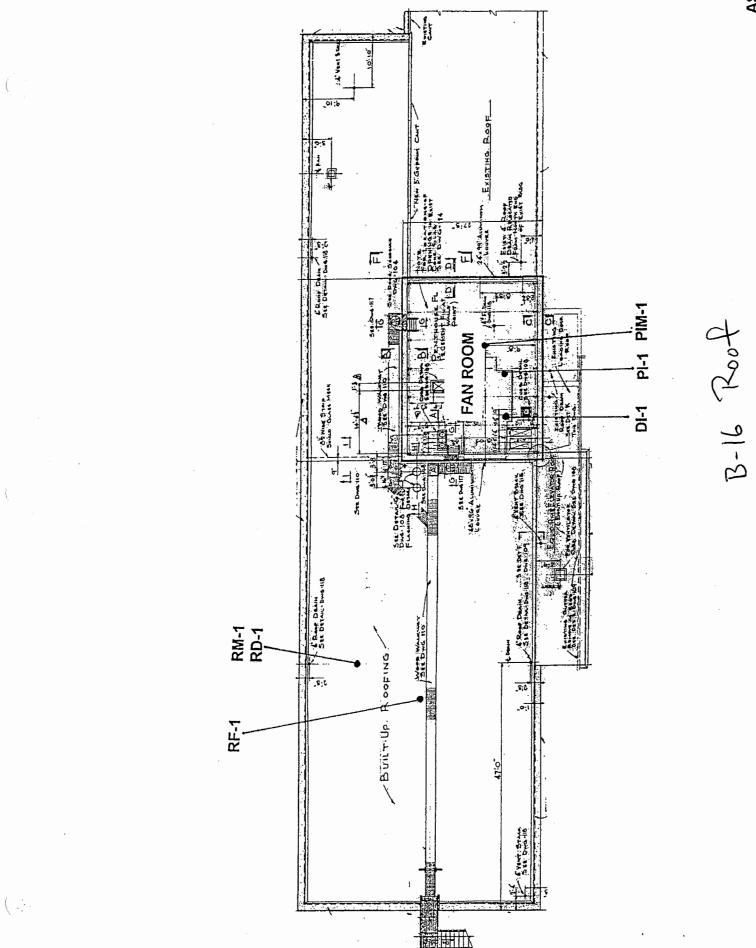


BROWNFIELD RESTORATION GROUP, LLC FORMER PHOTECH IMAGING SYSTEMS, INC. 1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK

PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

ASBESTOS SAMPLING PLAN PROCESS BUILDING #16

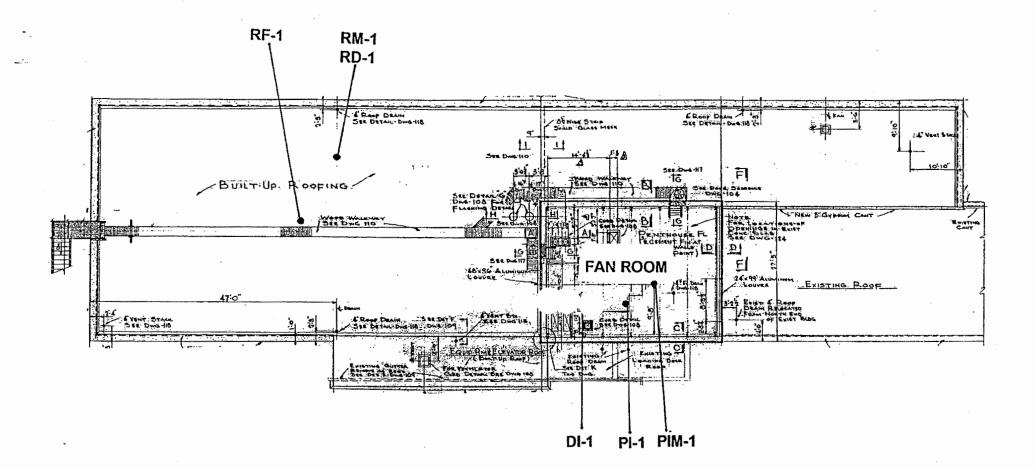
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PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

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## ASBESTOS SAMPLING PLAN PROCESS BUILDING #16 ROOF



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

#### ENVIRONMENTAL SERVICES. INC.

## PLM & TEM BULK ASBESTOS REPORT

Client:	
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L

#### City of Rochester

Job No: 6893-08 Page: 1 of 2

ocation:	Fc	rr	ner	Ρ	h	otec	:h	Imaging

Building 16, Exterior

Sample Date: 6/17/2008

	1			PLM	PLM	N	TEM	TEM	PLM	PLM
				Asbestos	Total	0	Asbestos	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Fibers Type &	Asbestos	в	Fibers Type &	Asbestos	Fibers Type &	Material
				Percentage			Percentage	-	Percentage	%
TRN-001	40232	East Wall North End	Gray Fibrous	None Detected	0%		Not Required	N/A	Cellulose 30%	70%
			Transite							
						-				
									l	
		1		1	, I				4	1

## NVLAD Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{$  NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>*Quantitative transmission electron microscopy*</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/18/2008

Microscope:Olympus BH-2 #233173PLM Analyst:F. Childs

TEM Date Analyzed: N/A TEM Analyst: N/A

Mary Dohr

Laboratory Results Approved By: Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory

6893-08.xls 6/18/2008

	• .	CHAIN OF CUSTODY FOR PLM ASRESTOS ANALYSIS	S PI M ASBE	STOS AN	AI YSIS	OFFICE LISE ONLY	NIC NIC
	ENVOY	Client: City of Rochester	Contact: Joseph Biondolillo	Biondolillo			
	environmental consultants, inc.					10-8980) :# qor	3-08
	57 Ambrose St, Rochester, NY 14608 585.454.1060 * Fax 585.454.1062	Phone Number: 585-428-6649	Fax Number:	Not provided			The UTO
Clie	Client Mailing Address:	Results To:	Turn Around Time:	50550		rage (Xo	TT IT
30	30 Church Street	Gregg Mance	1 2 3	5 X Other	er 🗌	Date Logged In: [ 1   1   08	201110
Cit	City Hall Room 300-B	Date Sampled:	Material Type/Quantity:			۹ } 	×>++++
Ro.	Rochester, NY 14614	June 17, 2008	Friable X NOB	DB X TEM	×	Loaded In Bv:	<u>-ir-ini</u>
Pro	Project Location:	Project Address:	Project Number:		00,		$\sim$
Fol	Former Photech Imaging Site	1000 Driving Park Avenue	1	08-0486	485	)	L
	General Location: Building 16 Exterior	ing 16 Exterior					
	Client ID Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
+	TRN-001 LOGAJ	☐ East wall north end, over windows	ŷ	Gray	N/A	TRN	Non-friable
2							
3							
4							
5							
6							्यत्रमाहेत
7			-				
8							
9							
10							
Sal	Sampled By: Gregg Mance	Date: June 17, 2008	CHECK ONE:	SURVEY	×	BULKS ONLY	
Tra	Transported to Paradigm By:	Gregg Mance Date: June 17, 2008	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:	AATICALLY PE ntact name:	RFORM TE	EM ON NOBS	
Re	Received By: M. Hold	2000 Date: (0/17/08	TOTAL NUMBER OF SAMPLES IN SURVEY:	OF SAMPLES IN	V SURVEY:		
Cor	Containerized materials attached to this Chain of Custody may contain under regulated conditions. (Danger; May Contain Asbestos Fibers,		Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel Cancer and Lung Disease Hazard)	and should only l	be handled b	y trained and authoriz	ed personnel
	Rev. 1 0.27.2006				PL	PLM Photech B16 Ext 6.17.08.xls	6.17.08.xls

## BULK SAMPLE ASBESTOS \_\_\_\_ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

#### LBL JOB # 41209

ELAP # 11184

TEM ELAP # 10920

LABELLA PROJECT # 209288 phase 2

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 07/30/2009

CLIENT: Labella Associates, PC

412

ADDRESS: <u>300 State Street</u> Rochester, NY 14614

PROJECT LOCATION:	Photech S	Site	3						
FIELD ID	LBL ID	nethod	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
209288-1A	41209-1	P	ND		FIBERGLASS	35	MINERAL	65	<b>n</b> 1/
Neo		ļ							
								-	
									· · · · · · · · · · · · · · · · · · ·
,,,,,,,,_,_,_,_,_									
HANNEY							1 Marte		
- Love									
							-74.12 - 201		
									48 Y
									1 1
M Method EPA 600/M4/8	2/020	La	ab Supervise	or:	Mat	t	Smith	t	Date:
D - None Detected CELI P - Friable PLM analy G-Gravimetric Matrix	tical result	N -		ialy	tical result	Г - Т		result	ass <1 = Trace PLAS - Plaster

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

#### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH SiTE	Client: City of Rocmester
Job No .: 209788   prase 7	Rates: 11/24/35
PIN/ BIN:	Sampled by: <u>Mitch Smith</u>
Date:7/30/09	Relinquished by: <u>Mitch Smith</u>
LaBella Lab No.: 461209	Received by: <u>Matt Smith</u>
Positive Stop Protocol: Yes No	Number of Samples:l

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
209788-14	BLOG #16 ON FITTILL OF DIDE NEAR DOOR	Ciray MUD Titting		
			· · · · · · · · · · · · · · · · · · ·	

H:\Forms\ASBESTOS SAMPLING SURVEY LOG.doc

:

## **BULK SAMPLE ASBESTOS** ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

CLIENT: Labella Associates, PC

#### 70209 LBL JOB #

ELAP # 11184

TEM ELAP # 10920

209288.03 LABELLA PROJECT #

SAMPLE TYPE: PLM Bulk

ADDRESS: 300 State Street

702

Rochester, NY 14614

SAMPLE DATE: 11/09/2009

PROJECT LOCATION:	Photecn	messer							
	TANJARAMANA	method	ASBESTOS		OTHER				
FIELD ID	LBL ID	mel	TYPE	%	FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
1 <b>A</b>	70209-1	Т	ND		CELLULOSE	38	TAR	62	BLACK MEMBRANE B-IFloor Cor
2A	70209-2	G	ND		ND		RUBBER	100	BLACK MEMBRANE 8-12 Floor C
3A	70209-3	Т	ND		CELLULOSE	40	TAR	60	BLACK MEMBRANE B-16 FLOOR C
									1. The factor is a second s
			1.000						
							-771		
							·		
			- AP37/1 Marca					ļ	
					···				
A Method EPA 600/M4/8	2/020	La	ab Supervise	or:	Mat	t,	Smith	L	Date: 11/10/09
- None Detected CELI P - Friable PLM analy		JC	- Joint Compo	und	MIN - M	ineral	GLASS - F	iberg	

G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

#### ASBESTOS SAMPLING SURVEY **BULK SAMPLE LOG** AND CHAIN OF CUSTODY

Location: Th	otech	<u> </u>	Client: C. of Rochester						
Job No.: <u>20</u>	7288.03	Rates:							
PIN/ BIN:			Sampled by:						
Date:		Relinquished by:	Relinquished by: 5. Davis						
LaBella Lab No	<u>.: 70209</u>	Received by: Matt S	Received by: Matt Smith						
	rotocol: Yes 🔲 No 🔤	Number of Samples:	Number of Samples: <u>3</u>						
	r			1					
Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Type of Suspect ACM to Approx. be Analyzed Amount Condition						

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
€ / A 	Bldg. 1, Basement, Flogr Core Membraue			
A	Bldg. # 12, Chem. Robn, Floor Core Membrane	Membraul		
3A	Blog 16, Basement, Floor Core Munbrane	Membrane		

(· N

## **BUILDING #17 – DRYER ADDITION**

#### Materials Sampled

White Insulation Grey Pipe Insulation Grey Mudded Joint Packing Grey Duct Insulation Black Duct Insulation Grey Duct Caulk White Vibration Cloth Grey Wall Insulation Brown Wall Insulation Grey Sheet Vinyl White Spackle Black Pipe Wrap

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

## ASBESTOS CONTAINING MATERIALS

#### LOWER LEVEL

Throughout Floor	White Fire Door Insulation	120	square feet
Throughout Floor & Upper Platform	Grey Pipe Insulation & Grey Mudded Joint Packing	260	linear feet
Upper Platform	White Vibration Cloth Grey Wall Insulation (Layer 1) Brown Wall Insulation (Layer 2)	30 150	linear feet square feet
Hallway	Black Pipe Wrap	30	linear feet
UPPER LEVEL			
Throughout Floor	White Fire Door Insulation	120	square feet

\*All quantities are approximations.

# **PARADIGM Environmental**

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Services, Inc.

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: Building #17 - Dryer Addition 1000 Driving Park Avenue, Rochester, New York 04/26/1999 Sample Date:

Job Number: 94955

1 of 2 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
FD-1	25196	Lower Level Fire Door	White Fibrous Fire Door Insulation	Amosite 20% Chrysotile 20%	40%		None Detected	60%
PI-1	25197	Lower Level	Grey Fibrous Pipe Insulation	Amosite 44%	44%		None Detected	56%
MJP-1	25198	Lower Level	Grey Fibrous Mudded Joint Packing	Chrysotile 36%	36%		None Detected	64%
DI-A.1	25199	Lower Level	Grey Fibrous Duct Insulation (Layer 1)	None Detected	0%		Cellulose 90%	10%
D1-A.2	25200	Lower Level	Black Fibrous Duct Insulation (Layer 2)	None Detected	0%		Cellulose 15% Mineral Wool 75%	10%
DC-1	25201	Lower Level	Grey Duct Caulk	None Detected	TEM Neor	*	None Detected	100%
VC-1	25202	Lower Level	White Fibrous Vibration Cloth	Chrysotile 80%	80%		Cellulose 15%	5%
WI-A.1	25203	Lower Level	Grey Fibrous Wall Insulation	Chrysotile 36%	36%		None Detected	64%
WIM-A.1	25204	Lower Level	Brown Wall Insulation Mastic	None Detected	0%	*	None Detected	100%
SV-1	25205	Upper Level Corridor	Grey Fibrous Sheet Vinyl	None Detected	0% TEM Neg	*	Cellulose 12% Fiberglass 9%	79%
				;	0	<u> </u>	ELAP ID No.: 10958	

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope:

Analyst:

04/26/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

## PARADIGM Environmental Cervices, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client:	Brownfield Restoration Group, LLC
Location:	Former Photech Imaging Systems
	Building #17 - Dryer Addition
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	04/26/1999

Job Number: 94955

Page Number: 2 Of 2

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
SPK-1	25206	Upper Level Corridor	White Spackle	None Detected	0%		None Detected	100%
SPK-2	25207	Exterior Overhang Ceiling	White Spackle	None Detected	0%		None Detected	100%

• •

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: croscope: Analyst: 04/26/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:



#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

ŗ.

 Client:
 Brownfield Restoration Group, LLC

 Location:
 Former Photech Imaging Systems

 Building #17 - Dryer Addition
 1000 Driving Park Avenue, Rochester, New York

 Sample Date:
 05/20/1999

Job Number: 95924

Page Number: 1 Of 1

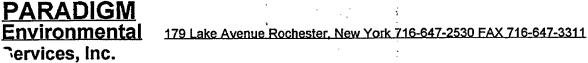
Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PWI-1	32199	Lower Level	Black Pipe Wrap	Chrysotile 4%	4%		None Detected	96%
			· · · ·					
1								
			·					

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: icroscope: Analyst: 05/21/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:



Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging SystemsBuilding #17 - Dryer Addition1000 Driving Park Avenue, Rochester, New YorkSample Date:06/16/1999

Job Number:

Page Number: 1 Of 1

97195

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
						<u> </u>		
SPK-3	40603	Lower Level	White Wall Spackle	None Detected	0%		None Detected	100%
		• <u>* * * * * * * * * * * * * * * * * * *</u>						
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				-				
e'								
	1							

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: croscope: Analyst: 06/21/1999 Olympus BH-2 #232953 Mary Dohr

Laboratory Results Approved By:

## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

# T.E.M. Results

**Brownfield Restoration Group, LLC** Client: Former Photech Imaging Systems Location: 1000 Driving Park Avenue, Rochester, New York

Job No:

Sample Date:		Park Avenue, Rochester, New		Page Number:	5 of 5
•			: .	TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
<b>DC-1</b> B-17	25201	Lower Level	Grey Duct Caulk	<1.0%	None Detected
<b>sv-1</b> B-17	25205	Upper Level Corridor	Grey Fibrous Sheet Vinyl	<1.0%	None Detected
<b>C-1a</b> B-16	25485 द्	Basement Alley Ceiling	Tan Mastic (Layer 1)	<1.0%	None Detected
<b>C-1b</b> B-16	25486	Basement Alley Ceiling	White Foam Cover (Layer 2)	<1.0%	None Detected
					-
			· .		
		. :			

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

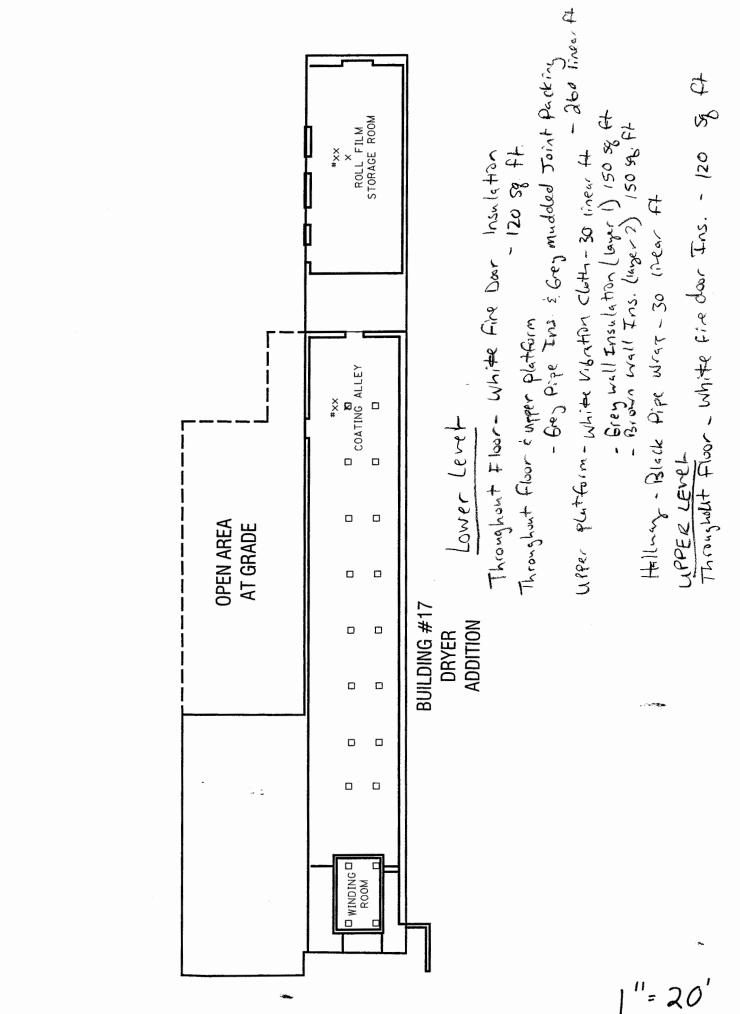
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst:

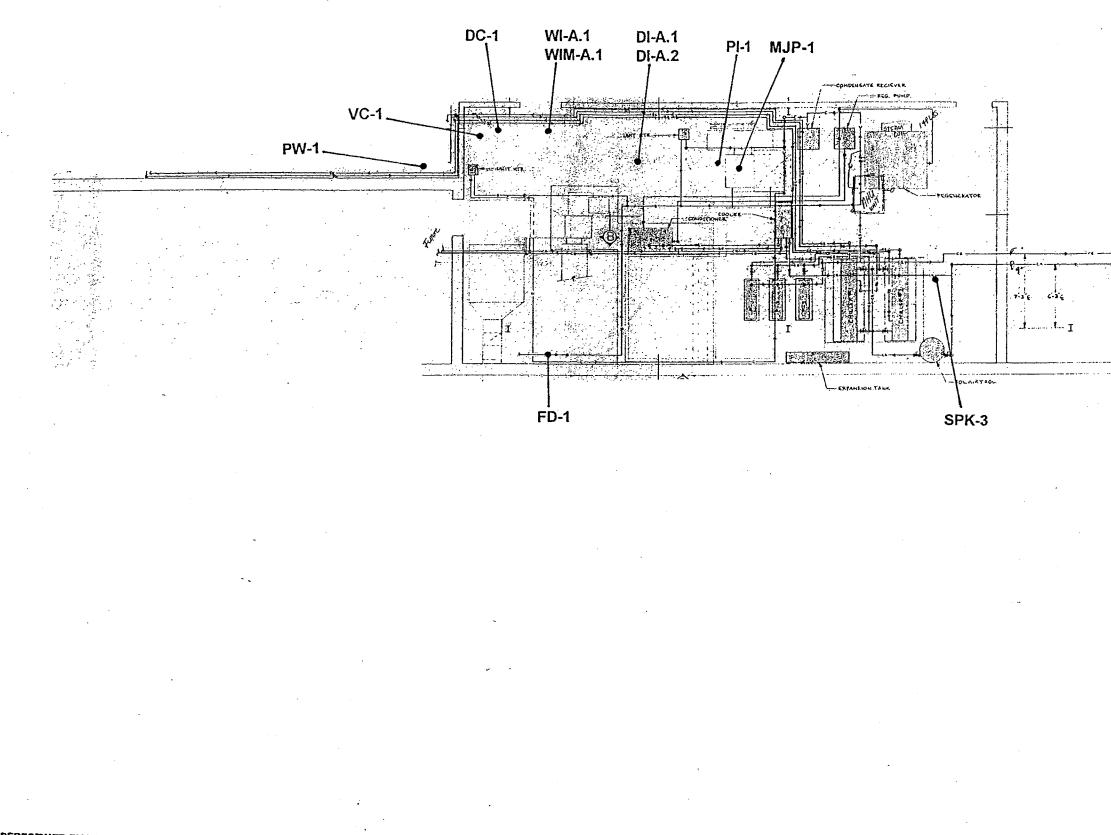
07/09/1999 Tim Wilhelm

Laboratory Results Approved By:



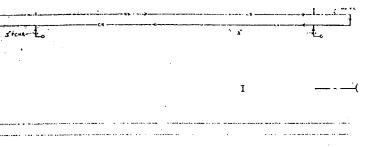
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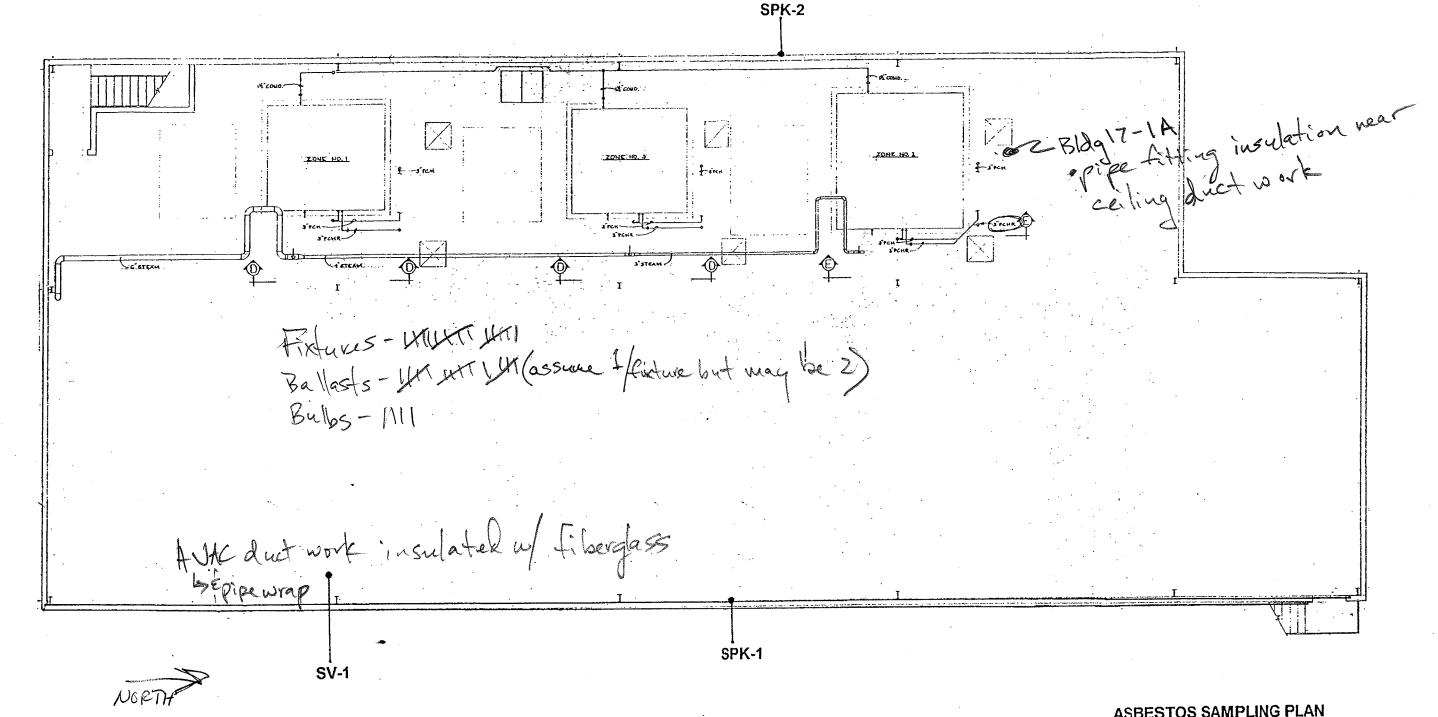
PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

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## ASBESTOS SAMPLING PLAN DRYER ADDITION BUILING #17 LOWER LEVEL

BLD6 17

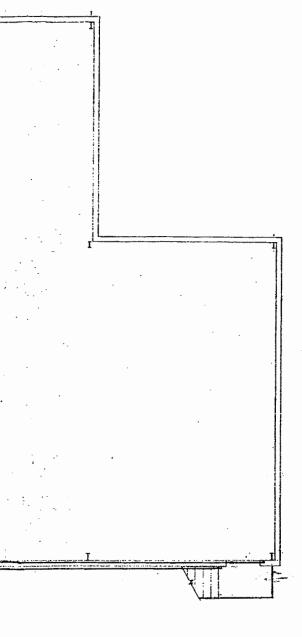


PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

### ASBESTOS SAMPLING PLAN **DRYER ADDITION BUILING #17 UPPER LEVEL**

## NO SUSPECT ACM ROOFING DETECTED

PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999



# ASBESTOS SAMPLING PLAN DRYER ADDITION BUILING #17 ROOF

## **BULK SAMPLE ASBESTOS** ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY **300 STATE STREET** ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

#### 57809 LBL JOB #

ELAP # 11184 TEM ELAP # 10920

LABELLA PROJECT # 209288.03 phase 1

SAMPLE TYPE: PLM Bulk

ADDRESS: 300 State Street

Rochester, NY 14614

SAMPLE DATE: 09/25/2009

PROJECT LOCATION: Photech - Building #17

CLIENT: Labella Associates, PC

578

		ASBESTOS	%	OTHER	<i></i>		<b>6</b> 1	
LBL ID	method	TYPE		FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
57809-1	P	ND		CELL/GLASS	10	MINERAL	90	GRAY PIPE FITTING INSULATION
						******		
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2/020				sin .		1 12 12	l	
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	57809-1			Image: selection of the	Image: set of the	Image: series of the series	Image: series of the series	

P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

#### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - BLOG #17	Client: City of Rochesterz
Job No.:	Rates: 7.0/20/50
PIN/ BIN: 209288.03	Sampled by: Mitch Smith TK
Date: 9/25/09 PHASE 1	Relinquished by: Mitch Smith TKV
LaBella Lab No.: <u>57809</u>	Received by: Matt Smith
Positive Stop Protocol: Yes 🔲 No 🥅	Number of Samples:)

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
BLAGI7-1A	ON ROOF DEAIN PIPE FITTING NEAR CEAILING DUCTIONORK	PIPE FITTNE INSULATION		
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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

# PLM & TEM BULK ASBESTOS REPORT

Client:	
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**City of Rochester** Location: 1000 Driving Park Avenue Job No: 6892-08 Page: 1 of 2

Building 17, Exterior

Sample Date: 6/17/2008

	ľ			PLM	PLM	N	TEM Asbestos	TEM	PLM	PLM
				Asbestos	Total	0	Fibers Type &	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Fibers Type &	Asbestos	В	Percentage	Asbestos	Fibers Type &	Material
				Percentage					Percentage	%
TRP-001	40228	East Wall North End	Black Tar Paper	Inconclusive	0%		None Detected	<1.0%	None Detected	100%
				No Asbestos		√				
				Detected						
<b>TAR-002</b>	40229	East Wall North End	Black Fibrous Tar	Chrysotile 42%	42%		Not Required	N/A	Fiberglass 15%	43%
<b>TAR-003</b>	40230	East Wall at Foundation	Black Fibrous Tar	Chrysotile 14%	14%		Not Required	N/A	None Detected	86%
TAR-004			Black Fibrous Tar	Chrysotile 16%	16%	Ι,	Not Required	N/A	None Detected	84%
		Foundation				$\checkmark$				
l										
1										

#### ΝνίαΩ Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/18/2008 Olympus BH-2 #233173 Microscope: PLM Analyst: F. Childs

TEM Date Analyzed:	6/19/2008
TEM Analyst:	M. Hasenauer

Laboratory Results Approved By:

Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request 网络中心的过去式和过去分词 化过去分词 化乙基苯基苯乙基

6892-08.xls 6/20/2008

Mary Dohr

:		CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS	R PLM ASBES	TOS AN	AL YSIS		OFFICE USE ONLY
<b>ENVOY</b> emirconmental consultants. inc.		Client: City of Rochester	Contact: Joseph Biondolillo	iondolillo		loh #-	84-2084
67 Ambrose St. Rochester, NY 14608	oster NV 14608	Phone Number:	Fax Number:				
585.454.1060 * Fax 585.454.1062	: 585.454.1062	585-428-6649		Not provided		Page	ة ( <b>ل</b>
Client Mailing Address:	SS:	Results To:	Turn Around Time:				
30 Church Street		Gregg Mance	1 2 3	5 X Other	er	Date Logged In:	80/ 11/08
City Hall Room 300-B	00-B	Date Sampled:	Material Type/Quantity:	ity:			-
Rochester, NY 14614	1614	June 17, 2008	Friable X NOB	s X tem	×	Logged In By:	(1444) (1
Project Location:		Project Address:	<b>Project Number:</b>		201	0	ند بن بن •
Former Photech Imaging Site	maging Site	1000 Driving Park Avenue		00-0400	400	2	
General Location:		Building 17 Exterior					
Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 TRP-001	ACCON	East wall north end		Black	N/A	TRP	Non-friable
2 TAR-002	900	East wall north end		Black	N/A	TAR	Non-friable
3 TAR-003	230	East wall at foundation		Black	N/A	TAR	Non-friable
4 TAR-004	231	West wall on foundation		Gray	N/A	CEM	Non-friable
5							đ * 4.,
6							
7							even A
8							
6							
10							istika.
Sampled By: Greg.	Gregg Mance	Date: June 17, 2008	CHECK ONE:	SURVEY	×	BULKS ONLY	JNR A
Transported to Paradigm By:		Gregg Mance Date: June 17, 2008	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:	ATICALLY PE tact name:	ERFORM TE	M ON NOBS	
Received By:	Aan	mode Date: (0/17/08	TOTAL NUMBER OF SAMPLES IN SURVEY:	SAMPLES	N SURVEY:		
Containerized material, under regulated conditi	s attached to this C. ions. (Danger; May	Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carci under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)	Isbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel cancer and Lung Disease Hazard).	nd should only	be handled b	y trained and author	ized personnel
Rev. 1 0.27.2006	06				PL	PLM Photech B17 Ext 6.17.08.xls	tt 6.17.08.xls

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#### **BUILDING #2 – EMULSION BUILDING**

**Materials Sampled** Black Elbow and Seam Pipe Cover Black Pipe Cover Over Cork Grey Wall Caulk Black Expansion Joint Black Roofing Silver/Black Roof Flashing Black Roof Membrane Black Duct Insulation -**Black Pipe Insulation Red Paint** White Pipe Insulation **Grey Vibration Cloth** Grey Duct Insulation **Tan Brick Ceiling Tan Insulation Mastic** White Wall Plaster Grey Wall Insulation White Wall Plaster Grey Wall Plaster White 2' x 2' Suspended Ceiling Tile White Spackle **Grey Wall Plaster** Yellow Ceramic Tile Mastic **Black Sink Mastic** White/Grey 2' x 4' Suspended Ceiling Tile Yellow Ceramic Tile Mastic Tan 12" x 12" Floor Tile **Black Floor Tile Mastic Black Tank Insulation Mastic** Grey Cove Molding Mastic Grev Transite Wall **Black Tank Coating** Black Tar

BASEMENT

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

#### ASBESTOS CONTAINING MATERIALS

Throughout Basement	White Pipe Insulation	900	linear feet
Debris on Floors	White Pipe Insulation	1,200	linear feet
Machine Room	White Tank Insulation (On 2 Tanks) White Duct Insulation new nut be produced 2009	1,200 1,200	square feet square feet

General Stock Room	Grey Transite Walls	1,500	square feet
Storage Area	Black Tank Coating	650	square feet
Chill Room (Under Cork Wall)	Black Tar (2 Layers)	4,000	square feet
Bulk Storage Room	Black Elbows and Seam Pipe Cover	370	linear feet
1ST FLOOR		·	
Throughout 1st Floor	Grey Duct Insulation	600	square feet
Debris in Corridors and Stairtower	White Pipe Insulation	1,200	linear feet
Room 111B Heater Tank	Black Tank Insulation Mastic White corecing + form - not	320 Acm hai	square feet Bella 63409
Room 111B Waterbath	Black Tank Insulation Mastic	260	square feet
2ND FLOOR	•	• • •	
Throughout 2nd Floor	Grey Duct Insulation	875	square feet
Debris in Corridors and Rooms	White Pipe Insulation	1,200	linear feet
Laboratory Room	Transite Fume Hood	80	square feet
3RD FLOOR	· ·		
Throughout 3rd Floor	Grey Duct Insulation	600	square feet
Debris in Corridors and Rooms	White Pipe Insulation	1,000	linear feet
4TH FLOOR			
Penthouse	White Pipe Insulation Grey Vibration Cloth Grey Duct Insulation Grey Wall Insulation	260 60 2,800 30	linear feet linear feet square feet square feet

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420 square feet
125 square feet
100 linear feet
100

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

#### MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

BASEMENT			
Men's Room	Tan 12" x 12" Floor Tile & Mastic	100	square feet
<u>1ST FLOOR</u>			
Room 124	Grey Cove Molding Mastic Confirmed NON-ACM LaBella 63	70 409-3	linear feet
2ND FLOOR	confirmed 100 Marten absences	1	
Room 227	Black Sink Mastic	30	square feet
EXTERIOR			
Roof Over Tunnel	Black Tar	180	square feet

\*All quantities are approximations.

Roof

### **BUILDING#2 – EMULSION BUILDING**

#### Total Asbestos Containing Materials:

Tank Insulation	1,200	square feet
Tank Insulation Mastic	580	square feet
Duct Insulation	6,200	square feet
Transite Walls	1,500	square feet
Tank Coating	650	square feet
Tar Wall Coating	4,000	square feet
Pipe Insulation	5,860	linear feet
Elbows & Seam Pipe Cover	370	linear feet
Vibration Cloth	60	linear feet
Wall Insulation	30	square feet
Roof Flashing	420	square feet

#### Total Materials to be Treated as Asbestos Containing:

Floor Tile and Mastic	100	square feet
Cove Molding Mastic	70	linear feet
Sink Mastic	30	square feet
Tar Roofing	180	square feet

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#### PARADIGM Environmental ^ervices, Inc.

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

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Client:	Brownfield Restoration Group, LLC
Location:	Former Photech Imaging Systems
	Building #2 - Emulsion Building
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	04/22/1999

Job Number: 948

94818

Page Number: 1 Of 4

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
RF-1	24265	Roof-Flashing	Silver/Black Fibrous Flashing	Chrysotile 10%	10%		Cellulose 28% Fiberglass 10%	52%
RM-1	24266	Roof-Field	Black Fibrous Membrane	None Detected	0%	*	Cellulose 43%	57%
DI-1	24267	Roof-Duct Work	Black Fibrous Duct Insulation	Chrysotile 6%	6%		Fiberglass 9%	85%
PI-2	24268	Roof-Pipe Insulation	Black Fibrous Pipe Insulation	Chrysotile 5%	5%		Cellulose 41%	54%
PA-1	24269	Penthouse Exterior Paint	Red Paint	None Detected	0%	*	None Detected	100%
PI-1	24270	Penthouse	White Fibrous Pipe Insulation	Amosite 20% Chrysotile 20%	40%		None Detected	60%
VC-1	24271	Penthouse	Grey Fibrous Vibration Cloth	Chrysotile 66%	66%		Cellulose 34%	0%
DI-2	24272	Penthouse	Grey Fibrous Duct Insulation	Chrysotile 33%	33%		None Detected	67%
BC-1	24273	Penthouse	Tan Brick Ceiling	None Detected	0%		Cellulose 7%	93%
IM-1	24274	Penthouse Mastic Underneath Insulation	Tan Insulation Mastic	None Detected	0%	*	None Detected TEM None None El AD ID No. 10055	100%

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy Is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope:

Analyst:

04/22/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

# PARADIGM Environmental

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

`ervices, Inc.

**Client:** 

**Brownfield Restoration Group, LLC** 

Former Photech Imaging Systems Location: Building #2 - Emulsion Building 1000 Driving Park Avenue, Rochester, New York 04/22/1999 Sample Date:

Job Number:

94818

2 of 4 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
WP-1	24275	Penthouse-Wall	White Wall Plaster	None Detected	0%		None Detected	100%
WI-1	24276	Penthouse-Wall	Grey Fibrous Wall Insulation	Chrysotile 28%	28%		None Detected	72%
DI-3	24277	Third Floor-Corridor	Grey Fibrous Duct Insulation	Chrysotile 30%	30%		None Detected	70%
CP-1a	24278	Third Floor Room 321 Wall	White Wall Plaster (Layer 1)	None Detected	0%		Cellulose 7%	93%
CP-1b	24279	Third Floor Room 321 Wall	Grey Fibrous Wall Plaster (Layer 2)	None Detected	0%		Cellulose 13%	87%
CP-1c	24280	Third Floor Room 321 Wall	Grey Fibrous Wall Plaster (Layer 3)	None Detected	0%		Cellulose 85%	15%
CP-1d	24281	Third Floor Room 321 Wall	Grey Wall Plaster (Layer 4)	None Detected	0%		None Detected	100%
SCT-1	24282	Third Floor Room 319 Celling	White/Grey Fibrous 2'x2' Suspended Ceiling Tile	None Detected	0%		Cellulose 55% Mineral Wool 20%	25%
SPK-1	24283	Third Floor Room 319 Wall	White Spackle	None Detected	0%		Cellulose 7%	93%
WP-2	24284	Second Floor Room 213 Wali	Grey Fibrous Wall Plaster	None Detected	0%		Wood Fiber 18%	82%

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

**Date Analyzed:** croscope: Analyst:

04/22/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

#### PARADIGM Environmental 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311 `ervices, Inc.

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: Building #2 - Emulsion Building 1000 Driving Park Avenue, Rochester, NY 04/22/1999 Sample Date:

Job Number:

94818

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3 of 4 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M		Matrix Material %
CRM-1	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	None Detected	0%	*	None Detected	100%
SM-1	24286	Second Floor Room 227	Black Sink Mastic	None Detected	0%	*	None Dete <b>ct</b> ed	100%
SCT-2	24287	Second Floor Corridor	White/Grey Fibrous 2*x4' Suspended Ceiling Tile	None Detected	0%		Cellulose 50% Mineral Wool 25%	25%
CRM-2	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	None Detected	0%	*	None Detected TEM Neg	100%
FT-1	24289	First Floor Room 124	Tan 12"x12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	None Detected	0%	*	Cellulose \$2% TEM Nea	88%
TKIM-1	24291	First Floor Room 111B Heater Tank	Black Fibrous Tank Insulation Mastic	Chrysotile 5%	5%		Cellulose()/2%	83%
TKIM-2	24292	First Floor Room 111B Waterbath	Black Fibrous Tank Insulation Mastic	Chrysotile 4%	4%		Celiulose 12%	84%
SPK-2	24293	First Floor Room 119 Wall	White Spackle	None Detected	0%		Cellulose 7%	93%
CMM-1	24294	First Floor Room 125 Wall	Grey Cove Molding Mastic	None Detected	0%	*	None Detected	100%

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. 04/22/1999

Date Analyzed:

Olympus BH-2 #232953 croscope: Analyst: Patrick Fitzgerald

Laboratory Results Approved By:

#### PARADIGM Environmental 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311 **Cervices**, Inc.

#### **Brownfield Restoration Group, LLC** Client: Former Photech Imaging Systems Location: Building #2 - Emulsion Building 1000 Driving Park Avenue, Rochester, New York 04/22/1999

94818 Job Number:

Sample Date:

Page Number: 4 of 4

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
FT-2	24295	Basement Men's Room	Tan 12"X12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-2	24296	Basement Men's Room	Black Fibrous Floor Tile Mastic from Sample 24295	None Detected	0%	*	Cellulose 11%	89%
TRW-1	24297	Basement General Stock Room	Grey Fibrous Transite Wall	Chrysotile 31%	31%		Cellulose 8%	61%
ТКІ-З	24298	Basement Storage Area	Black Fibrous Tank Coating	Chrysotile 6%	6%		Cellulose 19%	75%
TAR-1	24299	Basement Chill Room Beneath Cork Wall	Black Fibrous Tar (Layer 1)	Chrysotile 12%	12%		None Detected	88%
TAR-2	24300	Basement Chill Room Beneath Cork Wall	Black Fibrous Tar (Layer 2)	Chrysotile 9%	9%		None Detected	91%

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy Is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope:

Analyst:

04/22/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

File ID: Photech.XLS

#### PARADIGM Environmental 17 Pervices, Inc.

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Client:	Brownfield Restoration Group, LLC
Location:	Former Photech Imaging Systems
	Building #2 - Emulsion Building
	1000 Driving Park Avenue, Rochester, New York

Job Number: 97193

Sample Date: 06/16/1999

Page Number: 1 Of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage		T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PC-1	40599	Basement Bulk Storage Room	Black Fibrous Elbow & Seam Pipe Cover	Chrysotile 23%	23%		None Detected	77%
PC-2	40600	Basement Bulk Storage Room	Black Fibrous Pipe Cover Over Cork	None Detected	0%	*	Cellulose 38%	62%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Date Analyzed: 06/21/1999

Date Analyzed: croscope:

Analyst:

Olympus BH-2 #232953 Mary Dohr

Laboratory Results Approved By:

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Environmental Services, Inc.

PARADIGM

Client:	Brownfield Restoration Group, LLC
ocation:	Former Photech Imaging Systems
	Building #2 - Emulsion Building
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	05/24/1999
Sample Date:	1000 Driving Park Avenue, Rochester, New Yo

Job Number:

95984

1 of 1 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type &	Total Asbestos	T E	Non-Asbestos Fibers Type &	Matrix Material
				Percentage		M	Percentage	%
WC-1	32550	Exterior Walls	Grey Wall Caulk	None Detected	0%		None Detected	100%
EJ-1	32551	Exterior - Ground	Black Expansion Joint	None Detected	0%	*	None Detected	100%
TAR-3	32552	Exterior - Roof Over Tunnel	Black Fibrous Roofing	None Detected	0%	*	Cellulose 30%	70%
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				·				
			 • • •		<u> </u>	┝		

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos In Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: icroscope:

Analyst:

05/24/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By: \_

### PARADIGM Environmental

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

### Services, Inc.

### T.E.M. Results

11 A. C.

Client:	Brownfield Restoration Group, LLC
.ocation:	Former Photech Imaging Systems
	1000 Driving Park Avenue, Rochester, New

York Sample Date: 5/99-6/99

Job No:

Page Number: 1 Of 5

Sample Date.			·	TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
смм-1 В-1	23965	First Floor Main Entry	Beige Cove Molding Mastic	<1.0%	None Detected
CMF-1 B-I	23966	First Floor Main Entry	Beige Carpet Mastic	<1.0%	None Detected
sv-1 B·l	23968	First Floor Stairtower	Orange Stair Tread Sheet Vinyl	<1.0%	None Detected
<b>svm-1</b> В-1	23969	First Floor Stairtower	Black Stair Tread Sheet Vinyl Mastic from Sample 23968	<1.0%	None Detected
<b>sv-2</b> B-1	23970	First Floor Room 102	Grey Fibrous Battleship Sheet Vinyl	<1.0%	None Detected
sv-3 B-1	23975	First Floor Corridor 121	Red Fibrous Sheet Vinyl	<1.0%	None Detected
FOM-1 B-1	23976	First Floor Room 117	Tan Foam Mastic	<1.0%	None Detected
<b>са-1</b> В-1	23985	Exterior-Underneath Foam	Grey Cement Adhesive	. <1.0%	None Detected
<b>RM-1</b> В-2	24266	Roof-Field	Black Fibrous Membrane	<1.0%	None Detected
IM-1 B-ス	24274	Penthouse Mastic Underneath Insulation	Tan Insulation Mastic	<1.0%	None Detected

ELAP ID No .: 10984

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst:

07/09/1999 Tim Wilhelm

Laboratory Results Approved By:

#### PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

### T.E.M. Results

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location:

Job No:

Page Number: 2 Of 5

1000 Driving Park Avenue, Rochester, New York Sample Date: 5/99-6/99

•	0/00-0/00		-	TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
CRM-1 B-2	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	, <1.0%	None Detected
сям-2 В-2	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-ス	24289	First Floor Room 124	Tan 12"x12" Floor Tile	<1.0%	None Detected
FTM-1 B-ス	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	<1.0%	None Detected
еј-1 В-2	32551	Exterior - Ground	Black Expansion Joint	<1.0%	None Detected
RM-1 B-3	26354	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-1 B-4	26318	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
<b>rm-a.1</b> B-7	25229	Roof Field	Black Fibrous Roof Membrane (Layer 1)	<1.0%	None Detected
<b>rm-a.2</b> B-7	25230	Roof Field	Black Fibrous Roof Membrane (Layer 2)	<1.0%	None Detected
DI-2 B-7	25232	Basement - Coating Room	Tan Fibrous Duct Insulation Mastic	<1.0%	None Detected

ELAP ID No.: 10984

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst:

07/09/1999 Tim Wilhelm

Laboratory Results Approved By:

#### BULK SAMPLE ASBESTOS \_\_\_\_ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

#### LBL JOB # 63409

ELAP # 11184

TEM ELAP # 10920

LABELLA PROJECT # 209288.03 phase 1

#### SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 10/20/2009

ADDRESS: <u>300 State Street</u> Rochester, NY 14614

CLIENT: Labella Associates, PC

PROJECT LOCATION: Photech - Building #2 method ASBESTOS **OTHER** % FIELD ID % LBL ID MATRIX TYPE FIBERS COLOR / DESCRIPTION B2TK-1 63409-1 Р ND ND MINERAL 100 GRAY CEMENT/PLASTER CHRYSOTILE 13 B2TK-2 63409-2 Ν ND TAR 87 BLACK TAR B2CM-1 63409-3 G ND ND MIN/BINDER 100 TAN COVE MOLDING ADHESIVE Lab Supervisor: Matt Smith PLM Method EPA 600/M4/82/020 Date:

None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster</li>
 P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result

G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

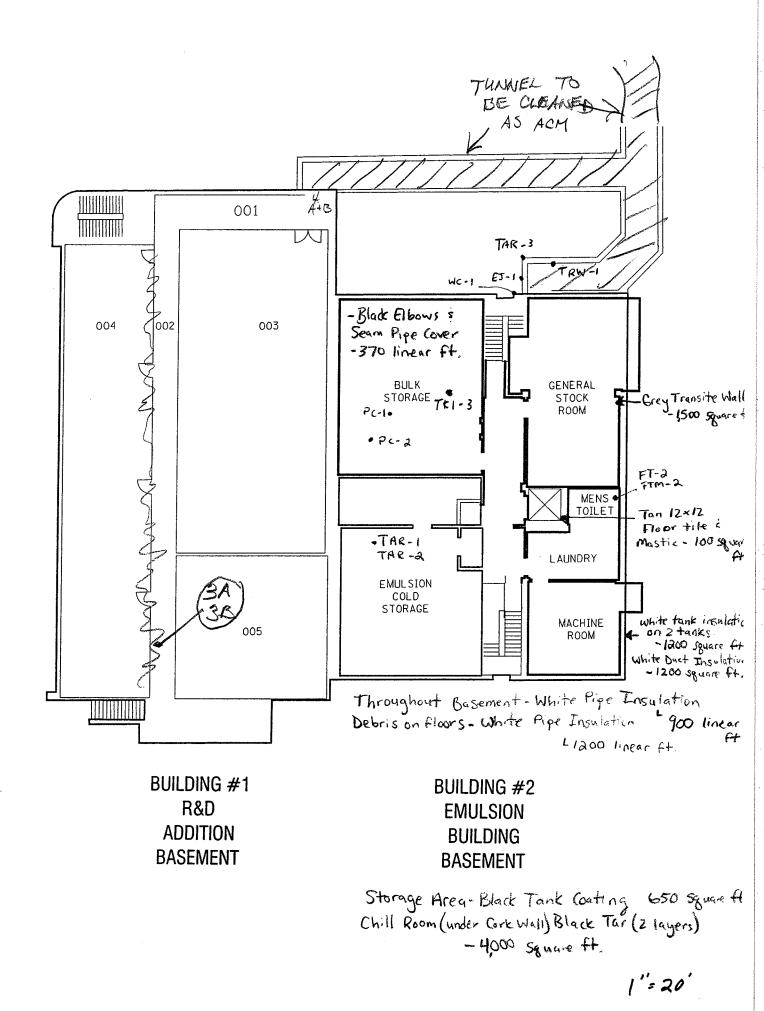
\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

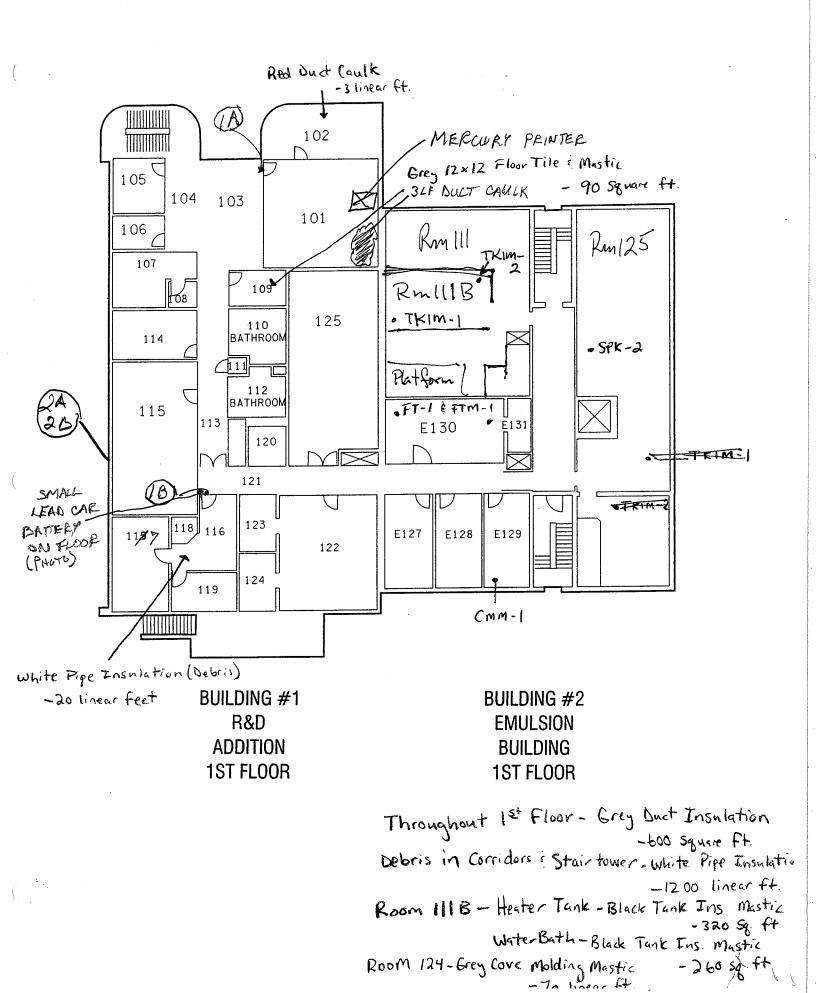
Page 1 of 1

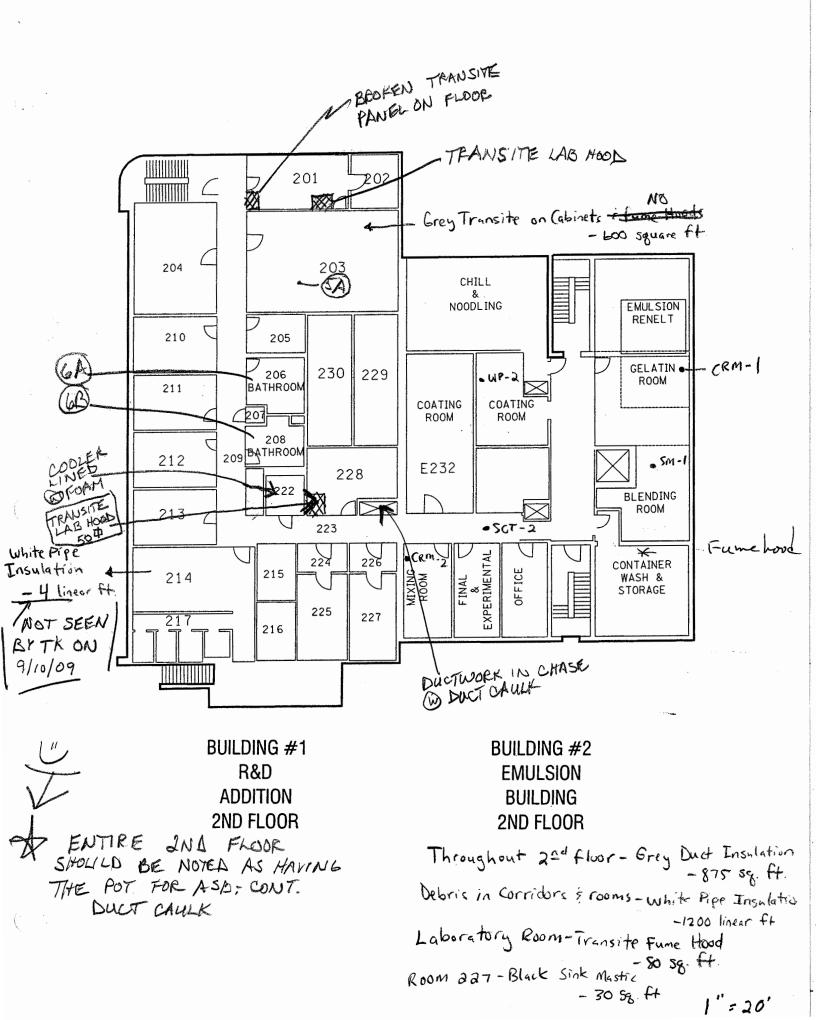
634

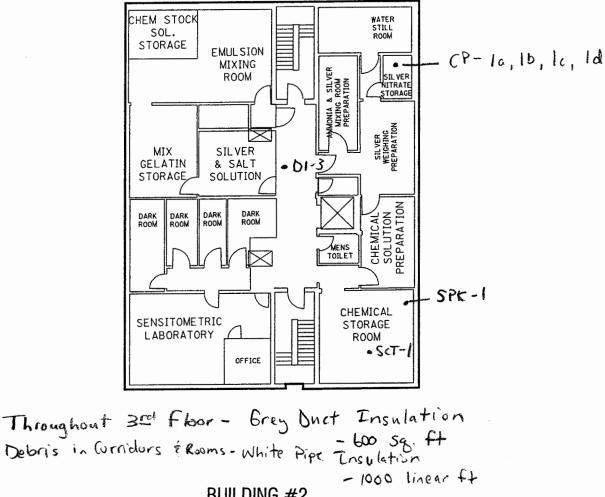
#### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG

63	JOB NO.: $20$ JOB NAME: ADDRESS: DATE: $10/2$		·		
60	SAMPLE #	SAMPLE LOCATION	TYPE OF SUSPECT ACM TO BE ANALYZED	APPROX. AMOUNT	CONDITION
l	BATK-1	- white Rm 111	cement/Pluster		
2	<u>B2TK-2</u>	tar coating Rm 111	tar		
3	<u>B2CM-1</u>	First Floor	Ton adhesive		· · · · · · · · · · · · · · · · · · ·
		· · · · · · · · · · · · · · · · · · ·			·







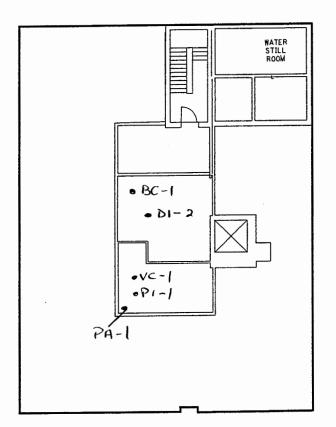


Building #2 Emulsion Building 3rd Floor

an haras Alterna

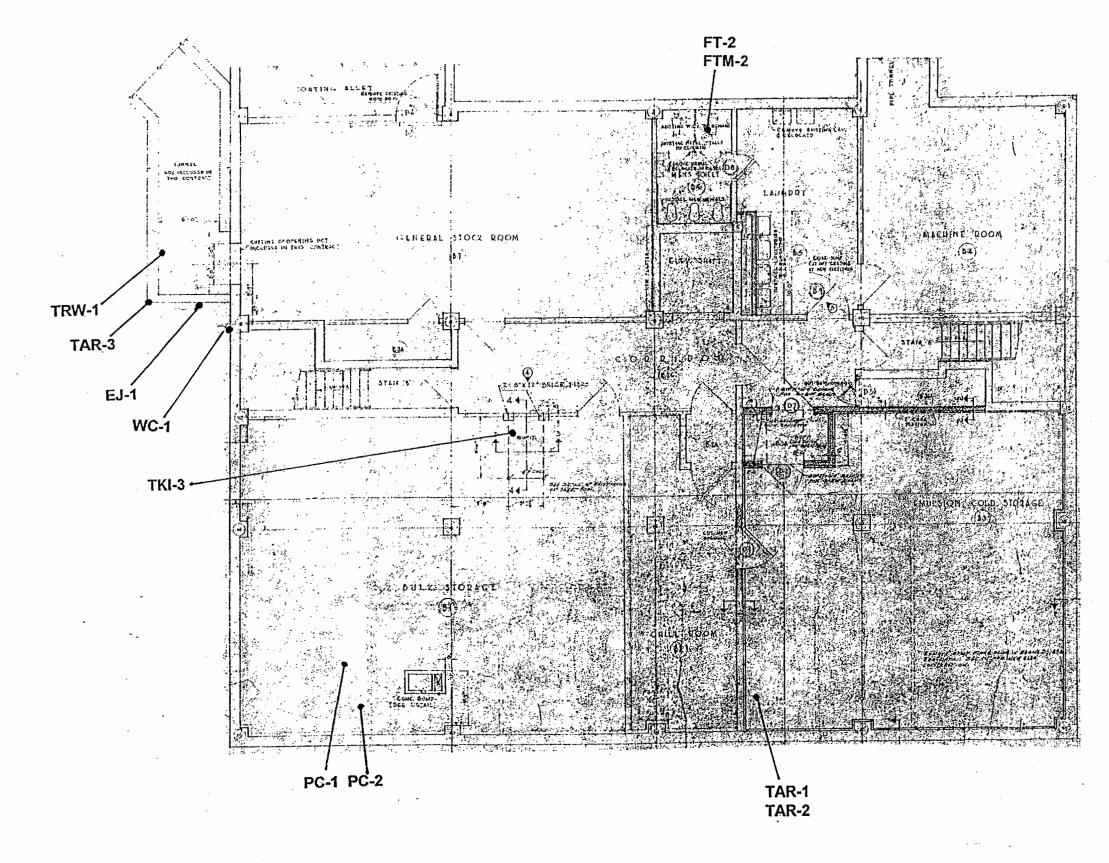
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1"= 20'



### BUILDING #2 EMULSION BUILDING 4TH FLOOR PENTHOUSE

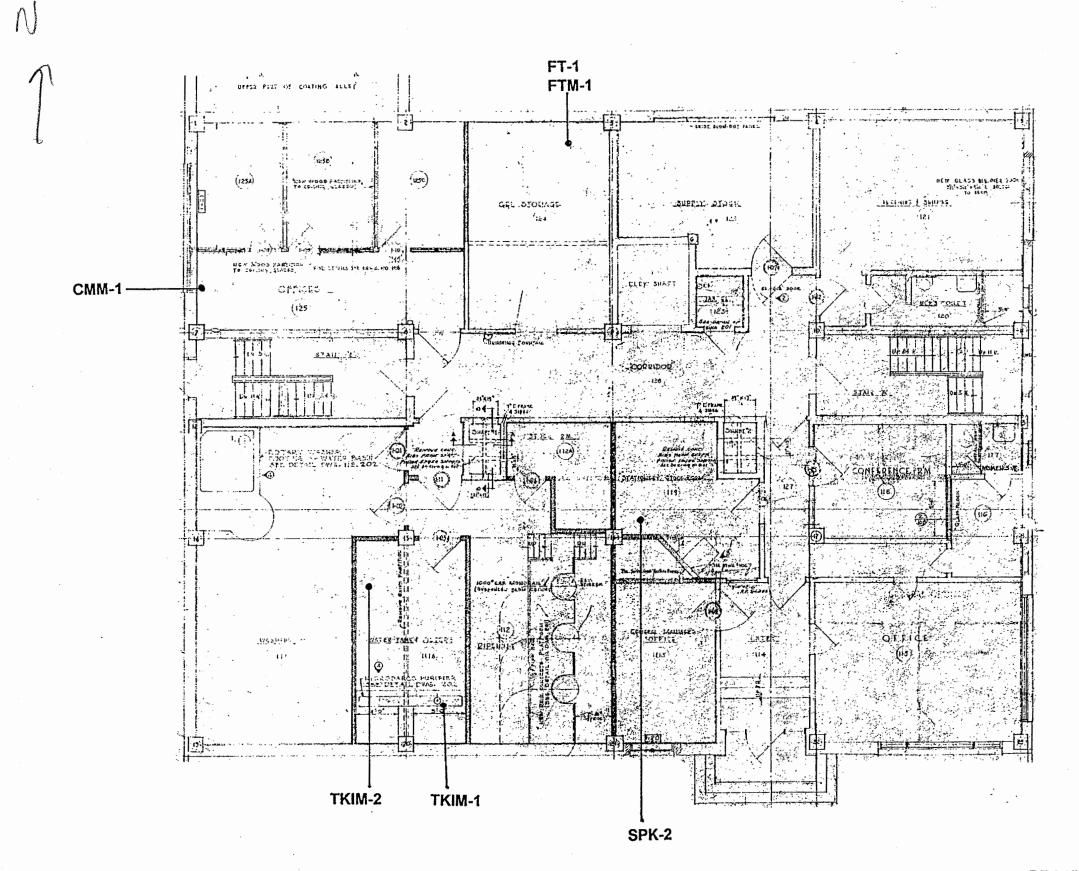
White Pipe Insulation - 260 linear ft. Grey Vibration Cloth- 60 linear ft. Grey Duct Insulation- 2,800 sg, ft Grey Wall Insulation - 30 sg. ft



PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

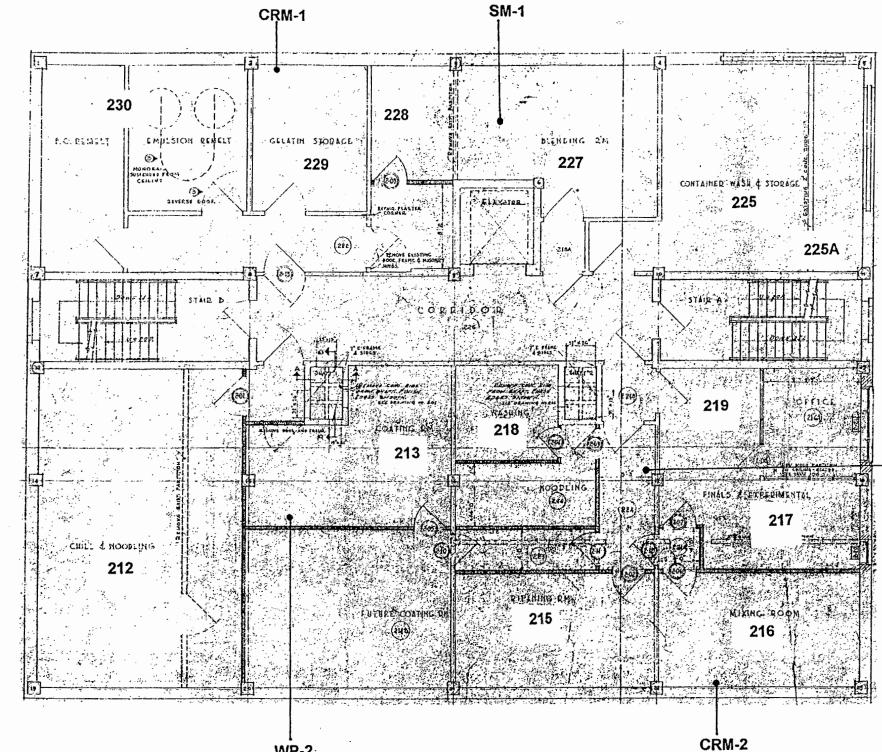
# ASBESTOS SAMPLING PLAN EMULSION BUILDING #2 BASEMENT

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PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

# ASBESTOS SAMPLING PLAN EMULSION BUILDING #2 FIRST FLOOR

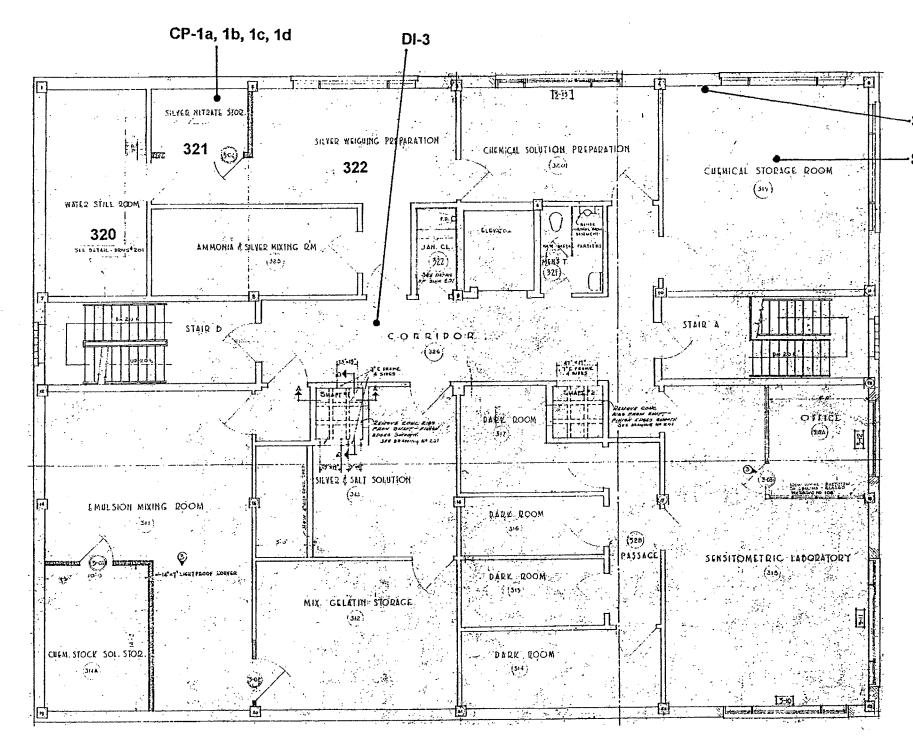


WP-2

PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

- SCT-2

#### ASBESTOS SAMPLING PLAN **EMULSION BUILDING #2** SECOND FLOOR



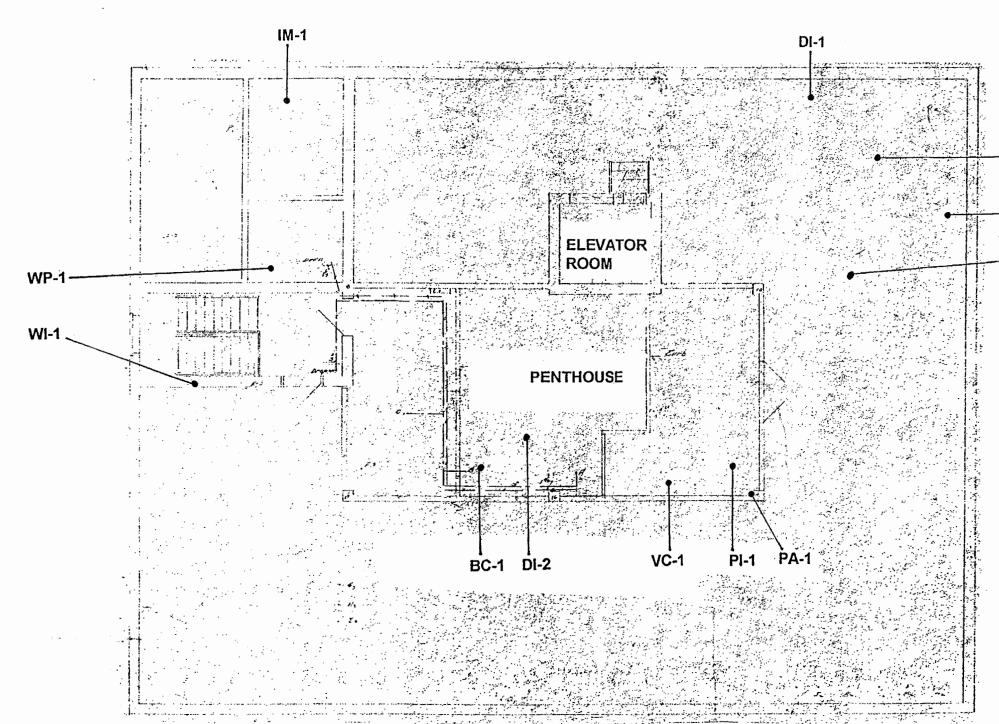
PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

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-SPK-1

-SCT-1

#### ASBESTOS SAMPLING PLAN **EMULSION BUILDING #2** THIRD FLOOR



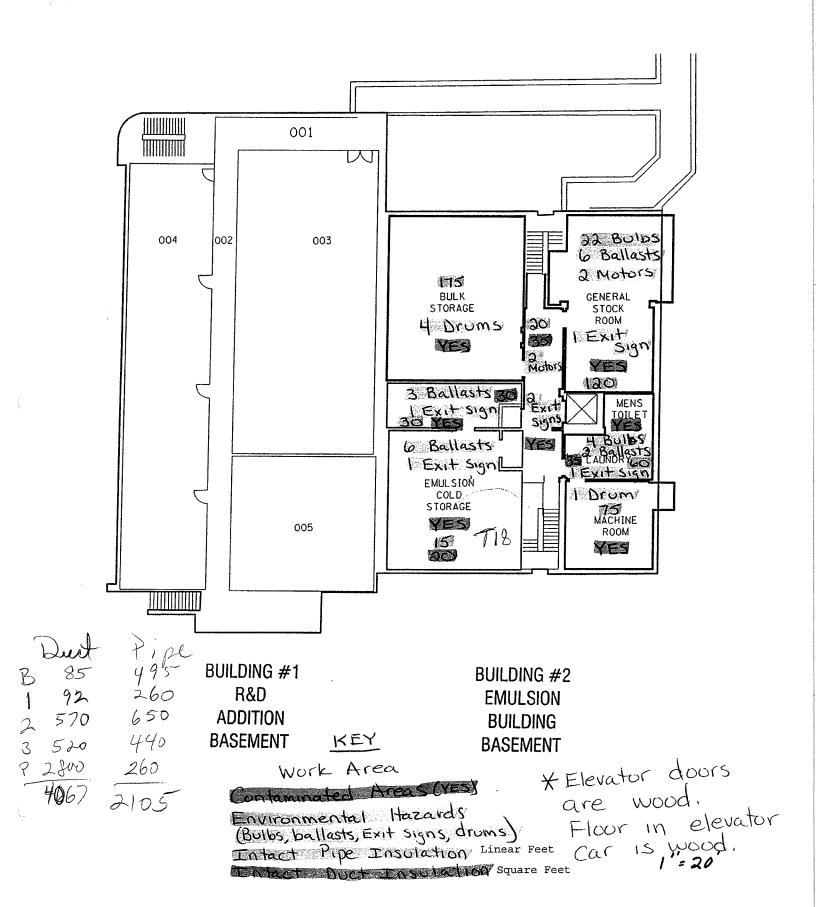
BROWNFIELD RESTORATION GROUP, LLC FORMER PHOTECH IMAGING SYSTEMS, INC. 1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK

--- RM-1

\_\_\_\_RF-1

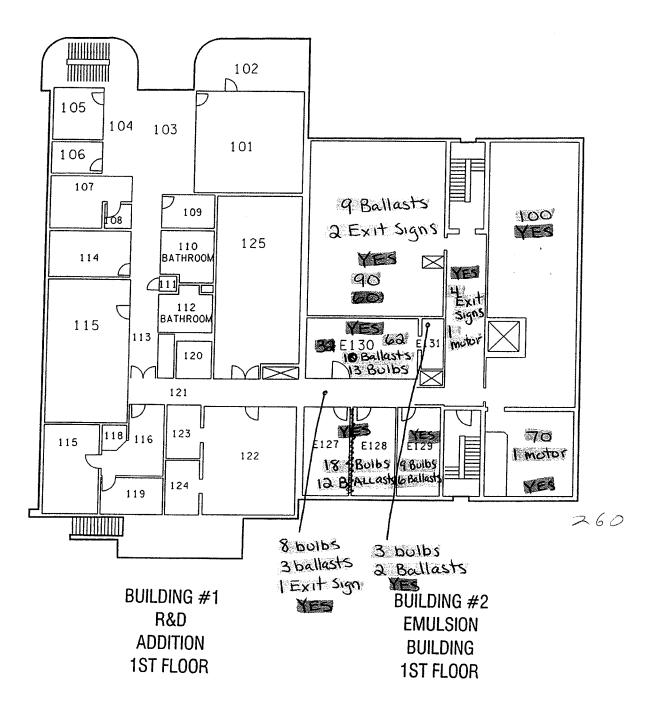
--- PI-2

ASBESTOS SAMPLING PLAN EMULSION BUILDING #2 PENT HOUSE & ROOF

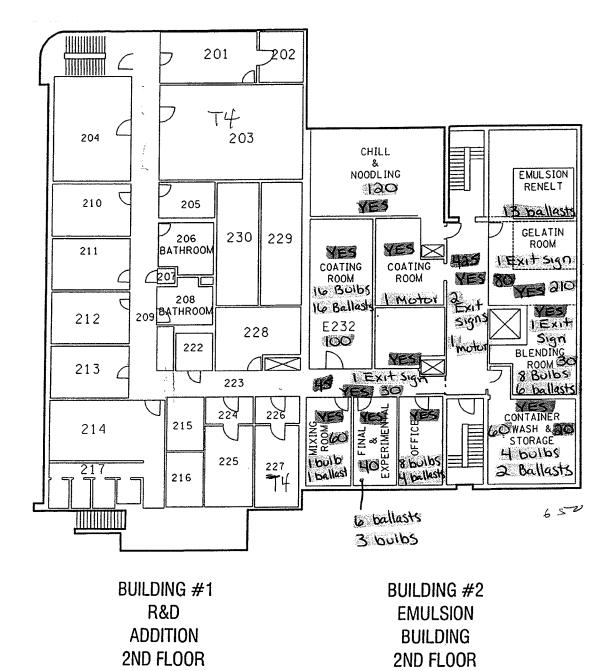


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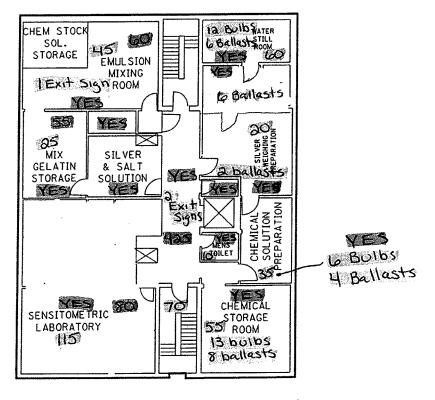


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BUILDING #2 EMULSION BUILDING 3RD FLOOR

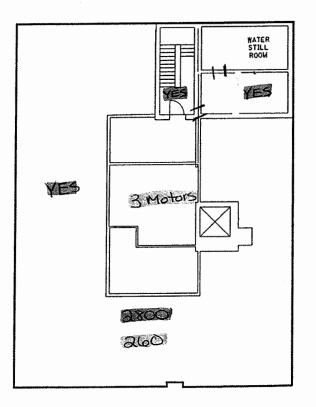
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1"= 20'



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(<sup>\*</sup> .

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BUILDING #2 EMULSION BUILDING 4TH FLOOR PENTHOUSE

1"= 20'



ENVIRONMENTAL SERVICES. INC.

179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

### PLM & TEM BULK ASBESTOS REPORT

Client:

**City of Rochester** Location: Former Photech Imaging Systems Job No: 6610-08 Page: 1 of 2

Sample Date: 6/10/2008

				PLM	PLM	N	TEM	TEM	PLM	PLM
Client ID		Sampling Location	Description	Asbestos	Total	0	Asbestos	Total	Non-Asbestos	Matrix
Chentin		Sampling Location	Description	Fibers Type &	Asbestos	в	Fibers Type &	Asbestos	Fibers Type &	Material
				Percentage			Percentage		Percentage	%
WAC-001	38508	Building 2 Exterior East Side	Gray Wall Caulk	Chrysotile 3%	3%		Not Required	N/A	None Detected	97%
WIC-002	38509	Building 2 Exterior East Side Around Block Windows	Gray Window Caulk	Chrysotile 4%	4%		Not Required	N/A	None Detected	96%
			1							

#### NVLAD Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008

Microscope: Olympus BH-2 #234206 PLM Analyst: B. Weinman

TEM Date Analyzed: N/A	
TEM Analyst: N/A	

Laboratory Results Approved By: Asbestos Technical Director

Mary Dohr raradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request. 동안 방법에서 제공에 공항 방법에 있는 것은 것을 위한 것을 위한 것을 위한 것을 위한 것을 수 있는 것으로 가지 않는 것을 가지 않는 것<mark>는 것은 것은 것은 것은 것은 것을 것</mark> 것 것을 위한 것을 하는 것을 가

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#### **BUILDING #3 – GARAGE**

#### Materials Sampled

Grey Duct Caulk Black Roof Flashing Black Roof Membrane

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

#### ASBESTOS CONTAINING MATERIALS

#### **GROUND FLOOR**

√ Garage		White Pipe Insulation	2	linear feet
ROOF				
√ Roof	RF-1	Black Roof Flashing Main Roof, La Bella 52509-2	80	square feet

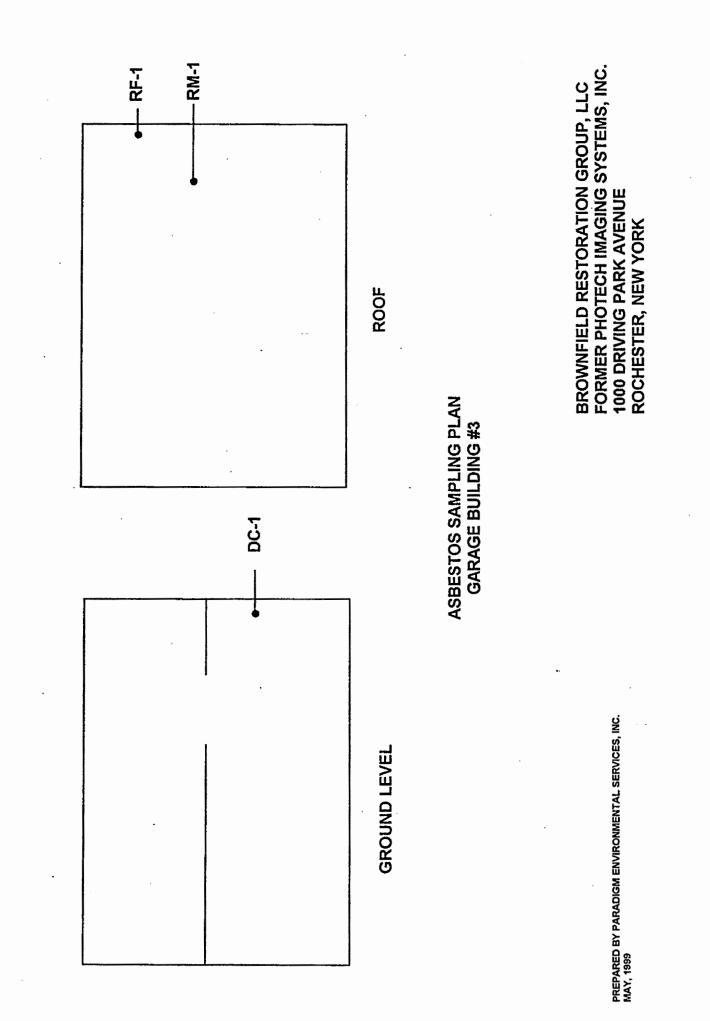
Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

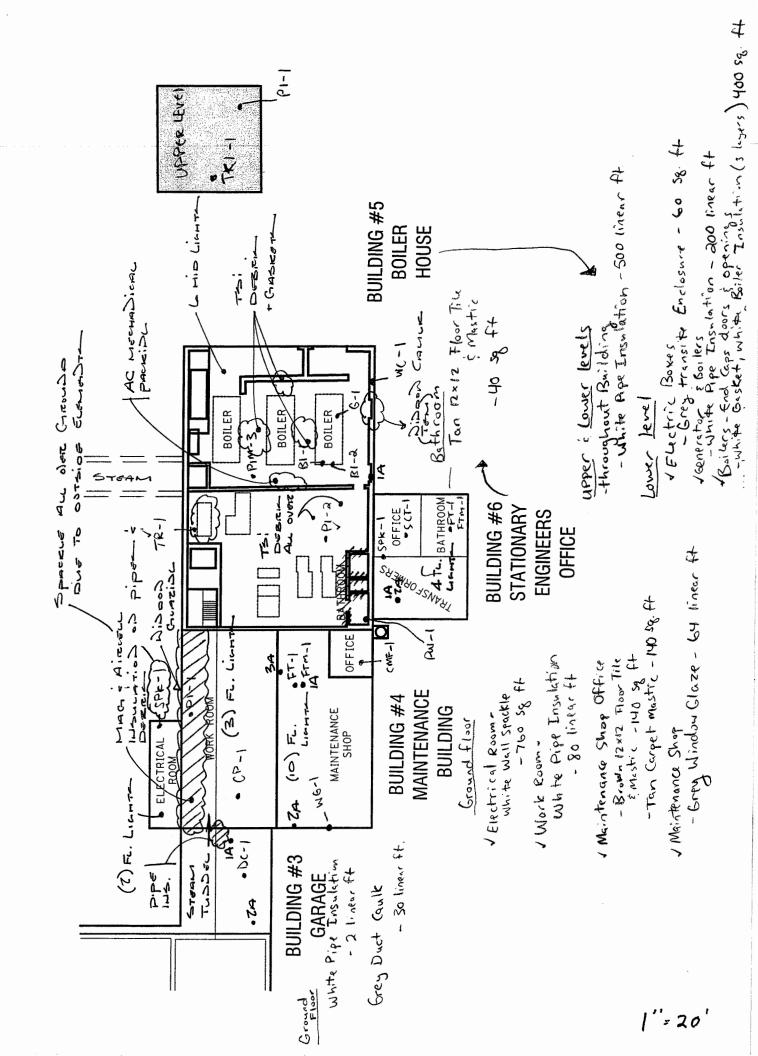
#### MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### **GROUND FLOOR**

Garage Grey Duct Caulk Neg by TEM 30 linear feet

\*All quantities are approximations.





# PARADIGM Environmental

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

**Services**, Inc.

Client:	Brownfield Restoration Group, LLC
Location:	Former Photech Imaging Systems
	Building #3 Garage
	1000 Driving Park Avenue, Rochester, New York
Sample Date:	04/30/1999

Job Number: 95127

1 of 1 Page Number:

Client ID	Lab ID	Sampling Location	Fibers		Fibers Type		npling Location Description Asbestos Tot Fibers Type & Asbest Percentage		Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
DC-1	26352	Garage	Grey Duct Caulk	None Detected	0%	*	None Detected	100%				
RF-1	26353	Roof Flashing	Black Fibrous Roof Flashing	Chrysotile 18%	18%		Cellulose 20%	62%				
RM-1	26354	Roof Field	Black Fibrous Roof Membrane	None Detected	0%	*	Cellulose 30% TEM Neg	70%				
							0					
J												

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. 05/05/1999

Date Analyzed: croscope:

Analyst:

Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

### PLM & TEM BULK ASBESTOS REPORT

Client:

**City of Rochester** 

ENVIRONMENTAL SERVICES. INC.

Job No: 6665-08 Page: 1 of 2

Former Photech Imaging Systems Location: Building 3, Garage Exterior 6/11/2008

Sample Date:

					PLM	PLM	N	TEM Asbestos		PLM	PLM
		Lab ID	Sampling Location	Description	Asbestos	Total	0	Fibers Type &	Total	Non-Asbestos	Matrix
	Client ID				Fibers Type &	Asbestos	в	Percentage	Asbestos	Fibers Type &	Material
					Percentage					Percentage	%
/	WAC-001	38871	East Side Around Garage Door	Tan Wall Caulk	Chrysotile 3%	3%		Not Required	N/A	None Detected	97%
,	WAC-	38872	East Side Around Garage Door	Tan Wall Caulk	Chrysotile 4%	4%		Not Required	N/A	None Detected	96%
	001A										

#### ΝνίαΩ Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").  $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008

Olympus BH-2 #234206 Microscope: PLM Analyst: B. Weinman

**TEM Date Analyzed:** N/A TEM Analyst: N/A

Laboratory Results Approved By:

Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysis' and precision) is available upon request

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14	Lake Avenue, Rochester, NY 14608	ester, NY 14608	umber:				0	
	<sup>3</sup> 5.454.1060 * Fax 585.454.1062	85.454.1062	H38- 6649				Pageof	$\left( \right)$
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Rc	Ruthester NY	14014	6/11/08	Friable NOB	TEM		Logged In By:	C Y
			Project Location:	Project Number:				
Î			Former Photech Imaging	OSOHSIC				
27 AQ	Seneral Location:	ion: Rido	3 Garae Extense					
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Rev. 1 0.27.2006

## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

# T.E.M. Results

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: 1000 Driving Park Avenue, Rochester, New York

Job No:

Sample Date:	5/99-6/99	-		Page Number:	2 of 5
-			•	TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
сям-1 В-2	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	, <1.0%	None Detected
сям-2 В-2	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-ス	24289	First Floor Room 124	Tan 12*x12* Floor Tile	<1.0%	None Detected
FTM-1 B-2	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	<1.0%	None Detected
EJ-1 B-2	32551	Exterior - Ground	Black Expansion Joint	<1.0%	None Detected
RM-1 B-3	26354	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
RM-1 B-4	26318	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
rm-a.1 B-7	25229	Roof Field	Black Fibrous Roof Membrane (Layer 1)	<1.0%	None Detected
RM-A.2	25230	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected

(Layer 2)

ELAP ID No.: 10984

<1.0%

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

25232

**DI-2** -/

B-

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

**Date Analyzed:** Analyst:

07/09/1999 Tim Wilhelm

**Basement - Coating Room** 

Laboratory Results Approved By:

Tan Fibrous Duct Insulation Mastic

None Detected

## BULK SAMPLE ASBESTOS \_\_ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

LBL JOB # 52509

ELAP # 11184 TEM ELAP # 10920

LABELLA PROJECT # 209288 phase 2

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/15/2009

ADDRESS: 300 State Street

CLIENT: Labella Associates, PC

525

Rochester, NY 14614

PROJECT LOCATION: Photech - Building #3

		method	ASBESTOS	%	OTHER	01		<b>6</b> 7	
FIELD ID	LBL ID		TYPE		FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
3-1A	52509-1	T	ND		ND		MIN/BINDER	100	· · · · · · · · · · · · · · · · · · ·
3-2A	52509-2	N	CHRYSOTILE	6	CELLULOSE	30	TAR	64	BLACK BUILT-UP ROOFING
PLM Method EPA 600/M4/8	2/020	L	ab Supervis	or:	Mat	Ľ	Inith		Date: <u>9/15/09</u>

- None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result

G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

#### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - BLOG 3	0
Job No.: 209288 / 2	F
PIN/ BIN:	S
Date: 9 15 09	F
LaBella Lab No.: 52509	F
Positive Stop Protocol: Yes 🔲 No 🥅	N

Client:_	City	of	Cochester.
Rates:_	70	170	150

Sampled by: <u>Mitch Smith</u>

Relinquished by: <u>Mitch Smith</u>

Received by: <u>Matt Smith</u>

Number of Samples:\_\_\_\_\_

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
<u> </u>	HVAC DUCT C DORTH EDD OF CHARDLE	Contray Duct		
<u>3-74</u>	SE CORDER OF IZOOF C HOLE IN IZOOF	Built-Jp Roofing		

H:\Forms\ASBESTOS SAMPLING SURVEY LOG.doc

## **BUILDING #4 – MAINTENANCE SHOP**

#### Materials Sampled

Grey Ceiling Plaster White Spackle Tan Carpet Mastic Floor Brown 12" x 12" Floor Tile Black Floor Tile Mastic Grey Window Glaze Black Roof Flashing Black Roof Membrane Grey Roof Decking White Pipe Insulation

# The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

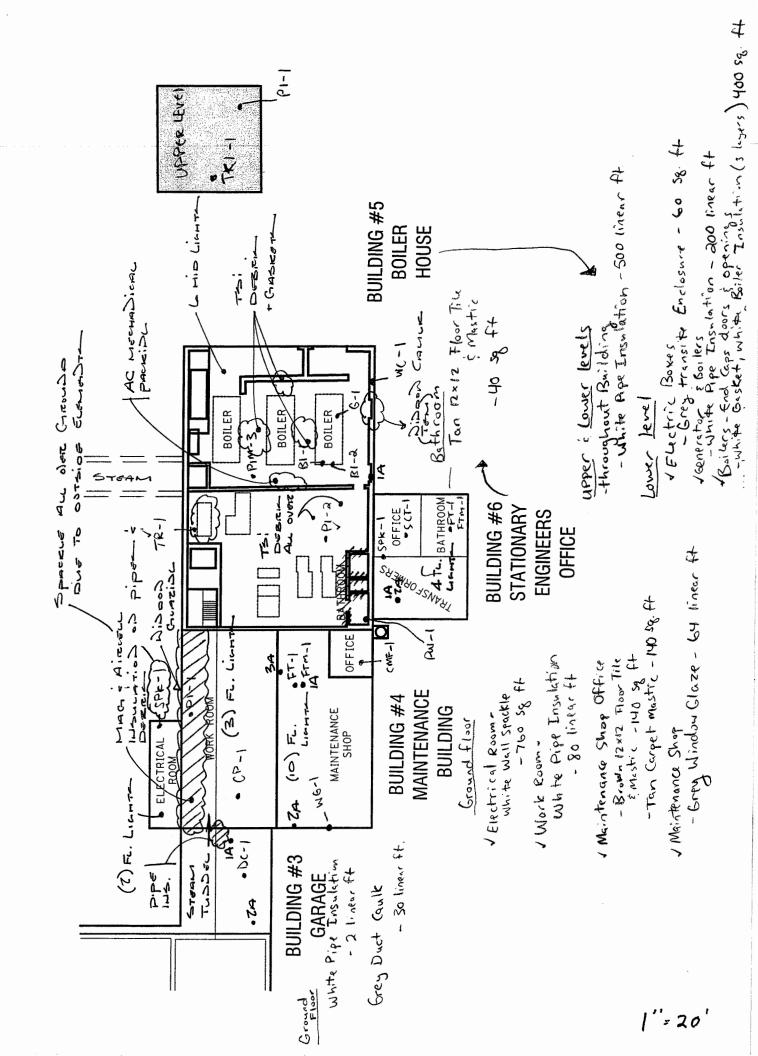
	ASBESTOS CONTAINING MATE	<u>RIALS</u>		
GROUND FLOOR	ASBESTOS CONTAINING MATE Black Joint Candle Gray Wall Coult Paradigm	6666-	-08	
√Electric Room	White Wall Spackle	760	square feet	
√Work Room	White Pipe Insulation	80	linear feet	
ROOF				
√ Roof	Black Roof Flashing	200	square feet	

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

## MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

	GROUND FLOOR	Neg La Bella 50009 - 1+3		
1	Maintenance Shop Office	Brown 12" x 12" Floor Tile & Mastic Tan Carpet Mastic	140 140	square feet square feet
1	Maintenance Shop	Grey Window Glaze Pos La Bella 50009-2	64	linear feet

\*All quantities are approximations.



# PARADIGM Environmental

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

ervices, Inc.

Client:	Brownfield Restoration Group, LLC
Location:	Former Photech Imaging Systems
	Building #4 - Maintenance Shop
	1000 Driving Park Avenue, Rochester, New York
Sample Date	04/30/1999

95122 Job Number:

Page Number: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
CP-1	26311	Work Room	Grey Ceiling Plaster	None Detected	0%		Cellulose 8%	92%
SPK-1	26312	Electric Room	White Fibrous Spackle	Chrysotile 8%	8%		Cellulose 5%	87%
CMF-1	26313	Office	Tan Carpet Mastic Floor	None Detected	0%	*	None Detected	100%
FT-1	26314	Maintenance Shop	Brown 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	26315	Maintenance Shop	Black Floor Tile Mastic from Sample 26314	None Detected	0%	#	None Detected	100%
WG-1	26316	Maintenance Shop	Grey Fibrous Window Glaze	None Detected	0%	*	Wollastonite 10%	90%
RF-1	26317	Roof Flashing	Black Fibrous Roof Flashing	Chrysotile 15%	15%		Cellulose 50%	35%
RM-1	26318	Roof Field	Black Fibrous Roof Membrane	None Detected	0%	*	Cellulose 60% TEM Neg	40%
RD-1	26319	Roof Decking	Grey Fibrous Roof Decking	None Detected	0%		Cellulose 15%	85%
								<u> </u>

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

# <1.0% of sample remained after matrix reduction. TEM analysis is not required or necessary. \*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing."

∩ate Analyzed: croscope:

Analyst:

05/07/1999 Olympus BH-2 #232953 Steve Lee

Laboratory Results Approved By:

PARADIGM		х.
Environmental	179 Lake Avenue Rochester, New York	716-647-2530 FAX 716-647-3311
Bervices, Inc.	· · · · ·	• • •
		1

# Client: Brownfield Restoration Group, LLC Location: Former Photech Imaging Systems Building #4 - Maintenance Shop 1000 Driving Park Avenue, Rochester, New York

Job Number:

95923

Sample Date: 05/21/1999

Page Number: 1 Of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PI-1	32198	Work Room	White Fibrous Pipe Insulation	Chrysotile 80%	80%		Cellulose 10%	10%
		·						

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: icroscope: Analyst: 05/21/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

í

## PARADIGM Environmental

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Services, Inc.

## T.E.M. Results

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location:

Sample Date: 5/99-6/99

Job No:

Page Number: 2 Of 5

1000 Driving Park Avenue, Rochester, New York

•				TEM A	nalysis
Client ID	Lab ID	Sampling Location	Description	Total Asbestos	Asbestos Type
сям-1 В-2	24285	Second Floor Room 229 Wall	Yellow Ceramic Tile Mastic	, <1.0%	None Detected
сгм-2 В-Д	24288	Second Floor Room 216	Yellow Ceramic Tile Mastic	<1.0%	None Detected
FT-1 B-ス	24289	First Floor Room 124	Tan 12*x12" Floor Tile	<1.0%	None Detected
FTM-1 B-ス	24290	First Floor Room 124	Black Fibrous Floor Tile Mastic from Sample 24289	<1.0%	None Detected
еј-1 В-2	32551	Exterior - Ground	Black Expansion Joint	<1.0%	None Detected
RM-1 B-3	26354	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
<b>RM-1</b> В-4	26318	Roof Field	Black Fibrous Roof Membrane	<1.0%	None Detected
<b>rm-a.1</b> B-7	25229	Roof Field	Black Fibrous Roof Membrane (Layer 1)	<1.0%	None Detected
<b>RM-А.2</b> В-7	25230	Roof Field	Black Fibrous Roof Membrane (Layer 2)	<1.0%	None Detected
DI-2 B-7	25232	Basement - Coating Room	Tan Fibrous Duct Insulation Mastic	<1.0%	None Detected

ELAP ID No.: 10984

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

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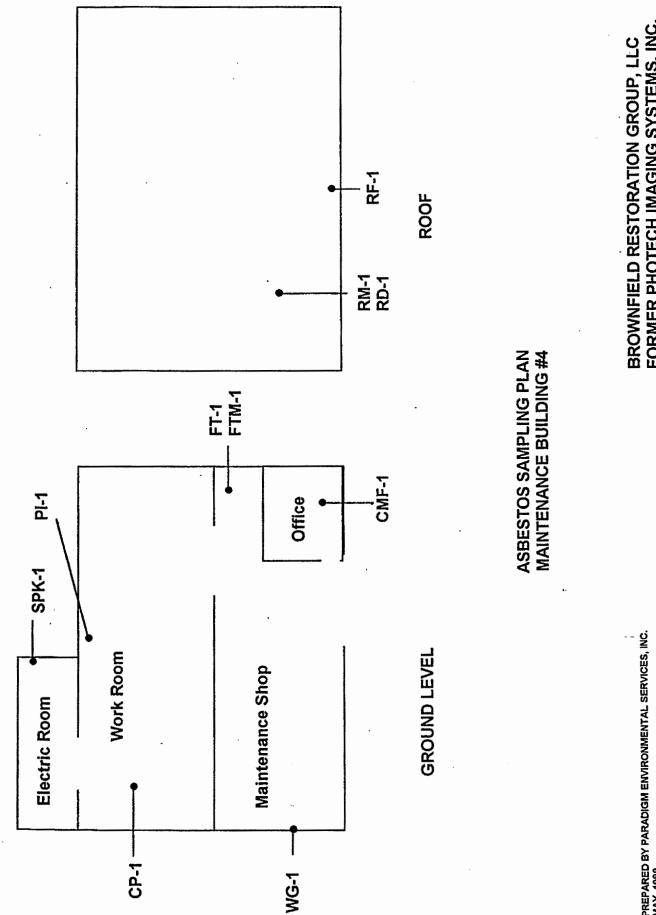
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

**Date Analyzed:** Analyst:

07/09/1999 Tim Wilhelm

Laboratory Results Approved By:



FORMER PHOTECH IMAGING SYSTEMS, INC. 1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK

PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

## PLM & TEM BULK ASBESTOS REPORT

Client:	
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1

**City of Rochester** 

Job No: 6666-08

.ocation:	Former Photech Im
	Building 4, Exterior

ner Photech Imaging Systems

Page: 1 of 2

Sample Date: 6/11/2008

<b></b>			l	PLM	PLM	N	TEM Asbestos	TEM	PLM	PLM
				Asbestos	Total	0	Fibers Type &	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Fibers Type &	Asbestos	В	Percentage	Asbestos	Fibers Type &	Material
				Percentage					Percentage	%
WAC-001	38873	East Wall	Gray Wall Caulk	Chrysotile 9%	9%		Not Required	N/A	None Detected	91%
WAC- 001A	38874	East Wall	Gray Wall Caulk	Chrysotile 7%	7%		Not Required	N/A	None Detected	93%
WAC-002	38875	East Wall	Gray Wall Caulk	Chrysotile 7%	7%		Not Required	N/A	None Detected	93%
WAC- 002A	38876	East Wall	Gray Wall Caulk	Chrysotile 6%	6%		Not Required	N/A	None Detected	94%
EXJ-003	38877	East Wall	Black Expansion Joint	Chrysotile 7%	7%		Not Required	N/A	None Detected	93%
XJ-003A	38878	East Wall	Black Expansion Joint	Chrysotile 5%	5%		Not Required	N/A	None Detected	95%

#### NVLAD Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008 Microscope: Olympus BH-2 #233173 PLM Analyst: F. Childs

**TEM Date Analyzed:** TEM Analyst: N/A

N/A

Laboratory Results Approved By: Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request. 

6666-08.xis 6/16/2008

Mary Dohr

	Citerit.	Contact:				
s, inc. NY 14608	City of Rochester Phone Number:	Toseph Bur Fax Number:	סוו ווסףמכווצ	<u> </u>	)9) :# qor	66666-08
35.454.1060 * Fax 585.454.1062	438-6649			<u> </u>	Page 🚫	of
Clie®t Mailing Address:	Results To:	Turn Around Time:				
Church St, Room 300-B	Ted Knapp	1 2 3 5	5 X Other		Date Logged In: 6/13/0 8	80Hell9
P. Lord - Mix Hickey		Friable NOB NOB	B TEM		Loaaed In Bv:	()
	ation:	Project Numb				t )
Seneral Location: DVV V	1 Eulance Fusice - maging	_				
ab ID	ŀ	Do not Analyze	Color S	Size	Material	Friability
WAC-001 38873	East woll	Paint	GRY		WAC	2
	1	Paint	GRY		WAC	2
	T.	BIK	GRY		WAC	2
UAC-COOM STG	11	BIK	GRY		WAC	2
EXT-043 877	11		Bik		EXJ	2
EXT-OUAN 878	II.		BIK		EXJ	2
					يى بىر بىرى يېزىنى بىلى بىلى بىلى بىلى بىلى بىلى بىلى ب	
Sampled By: C. Envisht C. Mance	Date: Colli OS	CHECK ONE:	survey 🛛 🗙		BULKS ONLY	
sported to Paradigm By:	Date: [0] 11 ∫ 05	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:	IATICALLY PERFO ntact name:	ORM TEM	ON NOBS	×
Releived By: PCA	Date: 10/12/08	TOTAL NUMBER OF SAMPLES IN SURVEY:	F SAMPLES IN SL	JRVEY:		33

PLMChainEnvoyrev3 4.25.08.xls

Rev. 1 0.27.2006

## BULK SAMPLE ASBESTOS ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

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500

## LBL JOB # 50009

ELAP # 11184

TEM ELAP # 10920

LABELLA PROJECT # 209288 phase 2

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/10/2009

ADDRESS: <u>300 State Street</u> Rochester, NY 14614

CLIENT: Labella Associates, PC

PROJECT LOCATION: Photech - Building #4

		metho	ASBESTOS	%	OTHER				
FIELD ID	LBL ID	BE	TYPE		FIBERS	%.	MATRIX	%	COLOR / DESCRIPTION
4-1A	50009-1	Т	ND		ND		MIN/VINYL	100	BROWN FLOOR TILE W/BLACK MASTIC
4-2A	50009-2	Т	CHRYSOTILE	6.3	CELLULOSE	0.7	MIN/BINDER	93	WHITE WINDOW GLAZING
4-3A	50009-3	Т	ND		ND		MIN/BINDER	100	TAN ADHESIVE
					18				
					nau .				
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	:								· · · · ·
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				-					
	2/020				MA .	-1	Q  1		
PLM Method EPA 600/M4/82	2/020	La	ab Superviso	or:	_mati	$\square$	meth		Date: <u>9/14/09</u>

P - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster</li>
 P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result

G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - BLOG 4	Client: City of Rochester
Job No .: 209288 / 2	Rates: 70/70/50
PIN/ BIN:	Sampled by: <u>Mitch Smith</u>
Date: 9 10 09	Relinquished by: <u>Mitch Smith</u>
LaBella Lab No.: <u>50009</u>	Received by: Matt Smith
Positive Stop Protocol: Yes No	Number of Samples:

	Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
ĺ	4-1A	BLOG 4 IN NO CORDER OF MAIDE. SHOP	LT. BROAD IZXIZ FLOOR TILE AL BLACK MOSTIC		Frair.
2	4-ZA	BLOCH 4 02 Solth Disoon of Maist. Smop	Didood Grazide		Fair
3	<u>4.30</u>	BLOG 4 02 NOITTH WALL BOLOW PADELIDL	ADHESNE		G1000
			•		

H:\Forms\ASBESTOS SAMPLING SURVEY LOG.doc

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

#### ENVIRONMENTAL SERVICES. INC.

## PLM & TEM BULK ASBESTOS REPORT

C	ie	nt	:	

City of Rochester

Job No: 6667-08 Page: 1 of 2

_ocation:	Fo
	Bu

Former Photech Imaging

Building 4, Exterior

Sample Date: 6/11/2008

	l l			PLM	PLM	Ň	TEM	TEM	PLM	PLM
				Asbestos	Total	0	Asbestos	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Fibers Type &	Asbestos	в	Fibers Type &	Asbestos	Fibers Type &	Material
				Percentage			Percentage		Percentage	%
WIC-004	38879	Westside Windows	Gray Window Caulk	Chrysotile 6%	6%		Not Required	N/A	None Detected	94%
WIG-005	38880	Westside Windows	Tan Window Glaze	None Detected	0%		Not Required	N/A	None Detected	100%
WIG- 005A	38881	Westside Windows	Tan Window Glaze	None Detected	0%		Not Required	N/A	None Detected	100%
TAR-006	38882	Westside Shed	Black Fibrous Tar	Chrysotile 12%	12%		Not Required	N/A	None Detected	88%
TAR- 006A	38883	Westside Shed	Black Fibrous Tar	Chrysotile 15%	15%		Not Required	N/A	None Detected	85%
						-				

#### NVLAD Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

Mary Dohr

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed:	6/16/2008
Microscope:	Olympus BH-2 #234206
PLM Analyst:	B. Weinman

TEM Date Analyzed: N/A TEM Analyst: N/A

Laboratory Results Approved By: Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

	OFFICE USE ONLY	(	<u>X0-1-999</u>		Not Nat	0 	80/el/9	4 C	)		Friability	2	2	2	2	2						ONLY ONLY	×		33	orized personnel
			)0) :# qor	<u>ک</u>	Page 🔿		Date Logged In: 019108	Loaaed In Bv:	 		Material	MFC.	MI G	MIC	TAR	THR					a second a s	BULKS ONLY	EM ON NOBS			by trained and autho
	<b>ALYSIS</b>						er 🗌				Size											×	ERFORM TI		IN SURVEY	/ be handled l
	TOS AN		Biondelillo				5 X Other	ity: a TFM			Color	C-RY	2XF	2 ML	BIK	BIK					a state of the second secon	SURVEY	ATICALLYP	itact name:	F SAMPLES	and should only
(	PLM ASBES	Contact:	Joseph Bio			Turn Around Time:	1 2 3	Material Type/Quantity: Eriable NOR	ct Numb	90100	Do not Analyze	Paint	~	11	N	11						CHECK ONE:	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS	or provide TEM contact name:	TOTAL NUMBER OF SAMPLES IN SURVEY:	a known carcinogen ease Hazard)
	CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS	Client: Co	CIH of Rechester		438- 6649		Ted Knoop	Date Sampled:	ation:	Hormer Mottch Imaging I	Sampling Location	Mestside Windews	1	11	Westside Shed							Date: (0 11 08	Date:	(0) II/08	Date: 10/12/08	Complexies of materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)
		ОҮ	sultants, inc.	hester, NY 14608	: 585.454.1062	SS:	5+ Rreim 300-B		510151	مايل	D I de	979279	288	881	282	883							NT/ 12 12 ANCE adiam BV:		· · · · · · · · · · · · · · · · · · ·	is attached to this ( tions. (Danger; Ma
	現著語史	ENVOY	nvironmental consultants, inc.	145 <sup>7</sup> ake Avenue, Rochester, NY 14608	5.454.1060 * Fax 585.454.1062	Clien Mailing Address:	20 Church SJ	anti-ca î	KU NASACIN	General Location:	Client ID	VIC- 004	2 NTC=- (305	3 MTC - 005A		5 AR- CORA	6	7	8	9	10	Sam pled By:	Trasported to Paradiam Bv		Received By:	orthinerized material nd/regulated condit

PLMChainEnvoyrev3 4.25.08.xls

Rev. 1 0.27.2006

## **BUILDING #5 – POWER PLANT**

#### Materials Sampled

Black Pipe Wrap White Pipe Insulation Grey Transite White Gasket White Boiler Insulation White Window Caulk Black Roof Flashing Black Roof Membrane Brown Tank Insulation Tan Pipe Insulation Mastic on Foam

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

#### ASBESTOS CONTAINING MATERIALS

#### **UPPER & LOWER LEVELS**

<ul> <li>Throughout Building</li> </ul>	White Pipe Insulation	500	linear feet
LOWER LEVEL			
✓ Electric Boxes	Grey Transite Enclosure	60	square feet
✓ Generator and Boilers	White Pipe Insulation	200	linear feet
✓ Boilers-End Caps Doors & Openings Wind ROOF	White Gasket, White Boiler Insulation (3 Layers) ow Aging Labella 501	400 09-1	square feet
/ Roof	Black Roof Membrane Black Roof Flashing	2,400 200	square feet square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

## MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

## LOWER LEVEL

✓ Boiler Room

White Window Caulk

112 linear feet

\*All quantities are approximations.

\*\*The Cooling Tower on the roof was not sampled as the tower is structurally unsafe.

## PARADIGM Environmental ervices, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: Building #5 - Power Plant 1000 Driving Park Avenue, Rochester, New York 04/30/1999 Sample Date:

Job Number: 95126

1 of 1 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PW-1	26342	Tunnel to Building 5	Black Fibrous Pipe Wrap	Chrysotile 7%	7%		Mineral Wool 10%	83%
PI-1	26343	Upper Level	White Fibrous Pipe Insulation	Chrysotile 10% Amosite 20%	30%		Cellulose 15%	55%
TR-1	26344	Lower Level - Electric Box Enclosure	Grey Fibrous Transite	Chrysotile 35%	35%		None Detected	65%
PI-2	26345	Lower Level - Generator	White Fibrous Pipe Insulation	Chrysotile 10% Amosite 20%	30%		None Detected	70%
G-1	26346	Boller Room - Boller	White Fibrous Gasket	Chrysotile 80%	80%		None Detected	20%
BI-1	26347	Boiler Room - Boiler End Caps	White Fibrous Boiler Insulation	Chrysotile 55%	55%		None Detected	45%
B1-2	26348	Boller Room - Boiler End Caps	White Fibrous Boiler Insulation	Chrysotile 35%	35%		None Detected	65% ,
WC-1	26349	Boiler Room - Window	White Window Caulk	None Detected	0%	*	None Detected	100%
RF-1	26350	Roof Flashing	Black Fibrous Roof Flashing	Chrysotile 15%	15%		Cellulose 40%	45%
RM-1	26351	Roof Field	Black Fibrous Roof Membrane	Chrysotile 3%	3%		Cellulose 65%	32%

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

nate Analyzed: croscope:

Analyst:

05/07/1999 Olympus BH-2 #232953 Steve Lee

Laboratory Results Approved By: \_

# PARADIGM Environmental 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311 Pervices, Inc.

# Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging SystemsBuilding #5 - Power Plant1000 Driving Park Avenue, Rochester, New YorkSample Date:05/20/1999

Job Number:

95925

Page Number: 1 Of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
TKI-1	32200	Upper Level - Tank	Brown Fibrous Tank. Insulation	None Detected	0%		Cellulose 15%	85%
			: :					
	,					.		

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ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

Date Analyzed: croscope: Analyst: 05/21/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:



#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

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Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging SystemsBuilding #5 - Power Plant1000 Driving Park Avenue, Rochester, New York

Sample Date: 06/16/1999

Job Number: 97196

Page Number: 1 Of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
PIM-3	40604	Lower Level	Tan Pipe Insulation Mastic on Foam	None Detected	0%	*	Cellulose 6%	94%
					· -			
} <b>}</b>								
							- 1 <u>7 - 18 - 8 - 19 - 19 - 19 - 19 - 19 - 19 </u>	
					:			

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

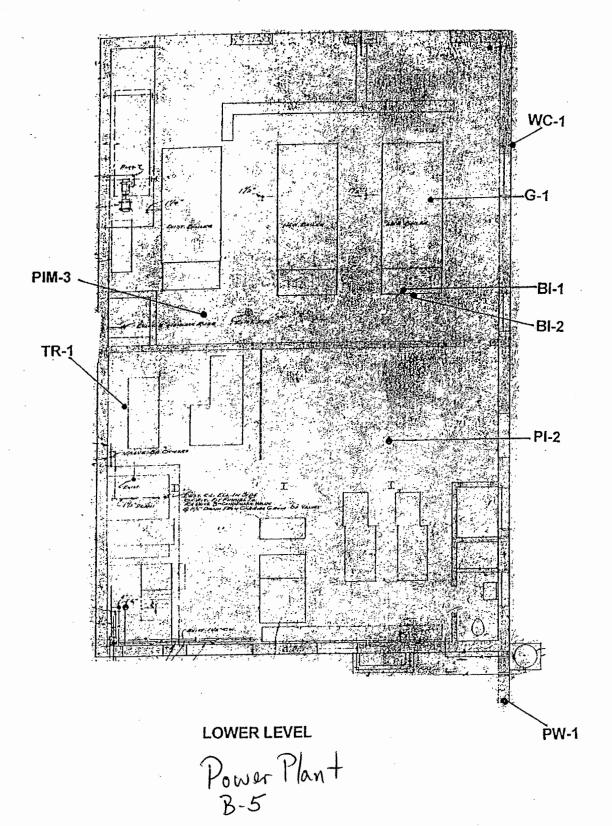
Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Date Analyzed: 06/21/1999

Date Analyzed: croscope:

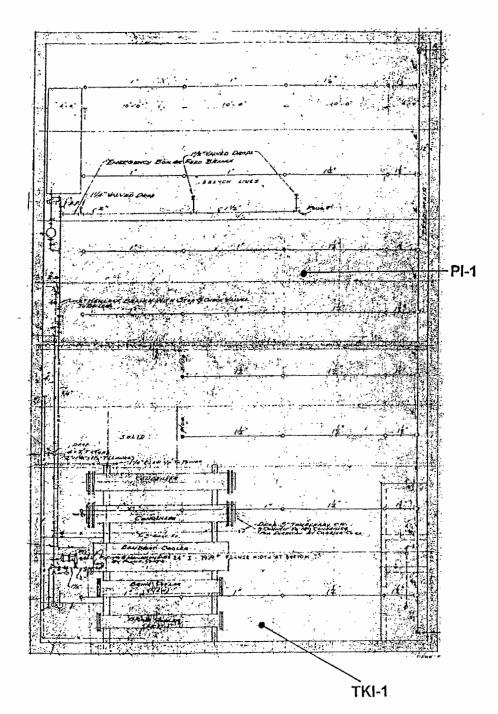
Analyst:

Olympus BH-2 #232953 Mary Dohr

Laboratory Results Approved By:



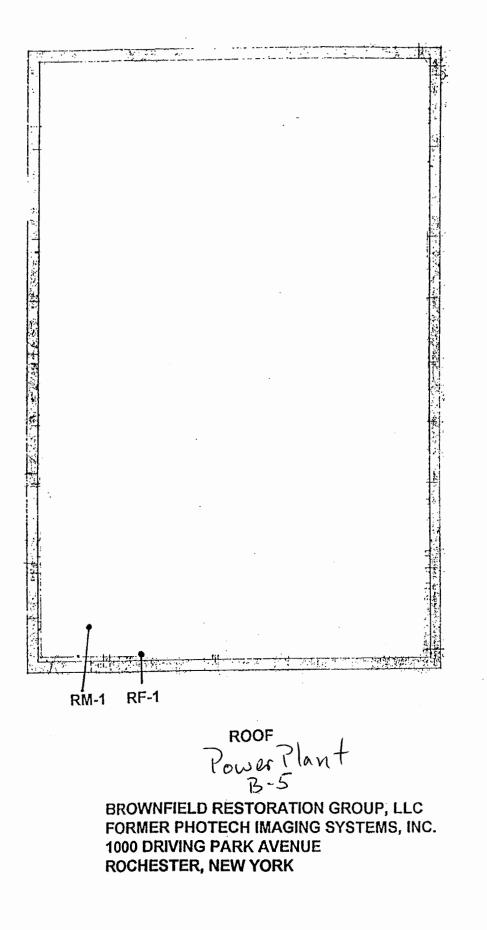
PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

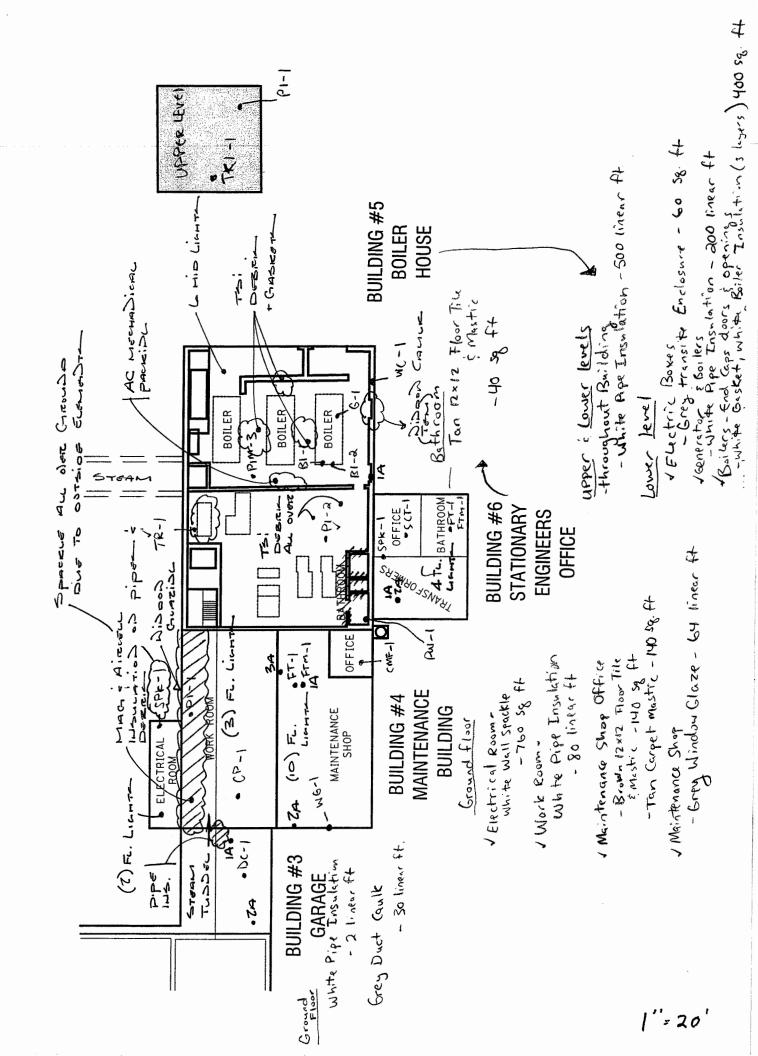


UPPER LEVEL

## ASBESTOS SAMPLING PLAN POWER PLANT #5

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

#### ENVIRONMENTAL SERVICES. INC.

## PLM & TEM BULK ASBESTOS REPORT

CI	İ	e	n	It		

City of Rochester

Location:

Former Photech Imaging Building 5, Exterior Job No: 6668-08 Page: 1 of 2

Sample Date: 6/11/2008

	1			PLM	PLM	N	TEM	TEM	PLM	PLM
				Asbestos	Total	0	Asbestos	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Fibers Type &	Asbestos	в	Fibers Type &	Asbestos	Fibers Type &	Material
	ļ			Percentage	-		Percentage		Percentage	%
TRN-001	38884	Roadway East of	Gray Fibrous	Chrysotile 44%	44%	1	Not Required	N/A	None Detected	56%
	1	Building 5 + C	Transite							
1		Traditione	R.	}						
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## Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{}$  NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM	Date Analyzed:	6/13/2008
-----	----------------	-----------

Microscope:Olympus BH-2 #233173PLM Analyst:F. Childs

TEM Date Analyzed:	N/A
TEM Analyst: N/A	

Laboratory Results Approved By:

Asbestos Technical Director Mary Dohr Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

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	CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS	R PLM ASBEST	OS ANAL YSIS	S OFFICE USE ONLY	E ONLY
ENVOY	Client:	Contact:			
environmental consultants, inc.	City of Rechester	Joseph Bunn	Biondelillo	ala) :# dol	30-8000
145 Lake Avenue, Rochester, NY 14608		Fax Number:		5	J (
585.454.1060 * Fax 585.454.1062	438- 6649			Page 0	100 (1, 30)
<b>Client Mailing Address:</b>	Results To:	Turn Around Time:	ſ		
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		Do not Analyze	Color Size	Material	Friability
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Received By:	Date: (,)) 2/08	TOTAL NUMBER OF SAMPLES IN SURVEY:	SAMPLES IN SURVEN	· · · ·	33
Containenized materials attached to this (	Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel	is a known carcinogen and	should only be handled	by trained and authoriz	ed personnel
under regulated conditions. (Danger; Mi	under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)	Disease Hazard)			
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Rev. 1 0.27.2006

v 3 4.40. **FLMCnainEnvoyre** 

## BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

## LBL JOB # 50109

ELAP # 11184

TEM ELAP # 10920

LABELLA PROJECT # 209288 phase 2

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/10/2009

ADDRESS: 300 State Street Rochester, NY 14614

CLIENT: Labella Associates, PC

PROJECT LOCATION: Photech - Building #5

method ASBESTOS OTHER FIELD ID % LBL ID TYPE MATRIX % **FIBERS** COLOR / DESCRIPTION 50109-1 Т CHRYSOTILE 6.8 CELLULOSE 0.2 MIN/BINDER 5-1A 93 BROWN WINDOW GLAZING Matt mith PLM Method EPA 600/M4/82/020 Lab Supervisor: Date: - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = TracePLAS - Plaster

P - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster</li>
 P - Friable PLM analytical result
 N - NOB PLM analytical result
 T - TEM analytical result

G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

501

### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - BLOG	Client: City of Rochester
Job No .: 209288 / 2	Rates: 20/20/50
PIN/ BIN:	Sampled by: <u>Mitch Smith</u>
Date: 9 10 09	Relinquished by: <u>Mitch Smith</u>
LaBella Lab No.: 50/09	Received by: <u>Matt Smith</u>
Positive Stop Protocol: Yes No	Number of Samples:

Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
5-14	BLDG. 5 02 EAST DIDOD	Didood Guaze		

H:\Forms\ASBESTOS SAMPLING SURVEY LOG.doc

## **BUILDING #6 – ENGINEERING OFFICE**

#### **Materials Sampled**

White/Grey 2' x 4' Ceiling Tile White Spackle Tan 12" x 12" Floor Tile Black Floor Tile Mastic

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

#### ASBESTOS CONTAINING MATERIALS

#### ROOF

✓ Roof

Black Roof Field Black Roof Flashing 700square feet150square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

## MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### **GROUND FLOOR**

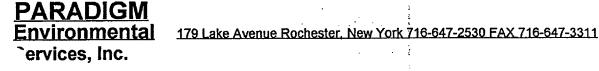
✓ Bathroom

Tan 12" x 12" Floor Tile & Mastic Both neg by TEM LaBella 50209-1+2 40

square feet

\*All quantities are approximations.

\*\*Roof field and flashing are identical to Building 5.



#### **Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: Building #6 - Engineering Office 1000 Driving Park Avenue, Rochester, New York 04/30/1999

Sample Date:

Job Number: 95123

1 of 1 Page Number:

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
SCT-1	26320	Office	White/Grey Fibrous 2' x 4' Ceiling Tile	None Detected	0%		Cellulose 25% Mineral Wool 25%	50%
SPK-1	26321	Office	White Fibrous Spackle	None Detected	0%		None Detected	100%
FT-1	26322	Bathroom	Tan 12" x 12" Floor Tile	None Detected	0%	*	None Detected	100%
FTM-1	26323	Bathroom	Black Floor Tile Mastic from Sample 26322	None Detected	0%	*	None Detected	100%
J								

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

nate Analyzed: :roscope:

Analyst:

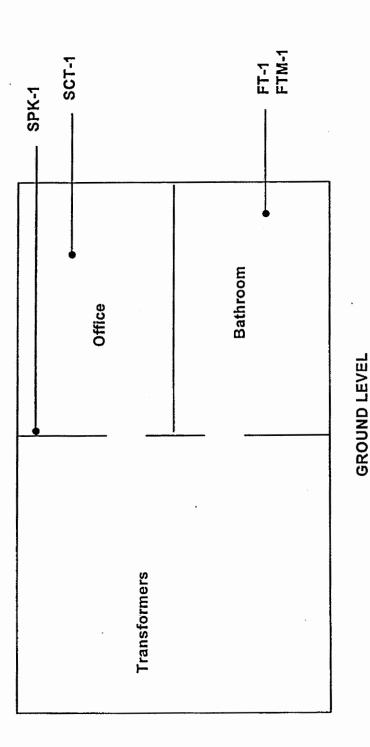
05/06/1999 Olympus BH-2 #232953 Stève Lee

Laboratory Results Approved By:

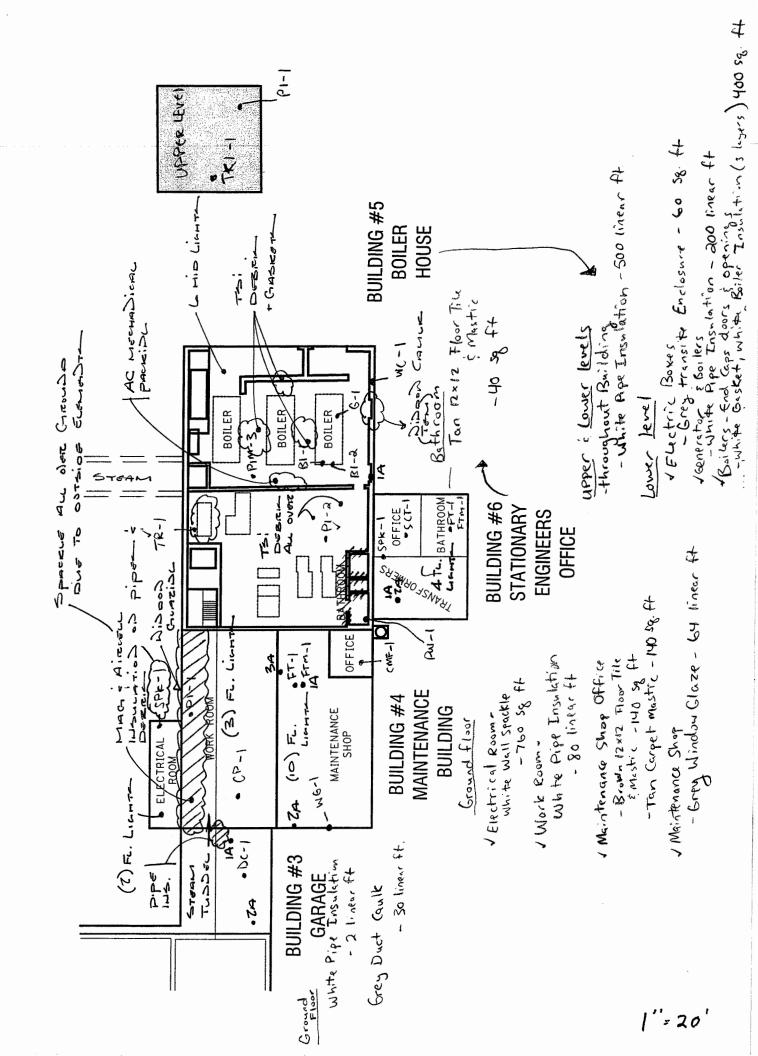
BROWNFIELD RESTORATION GROUP, LLC FORMER PHOTEC IMAGING SYSTEMS, INC. 1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK

> PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999





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## BULK SAMPLE ASBESTOS \_\_ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

## LBL JOB # 50209

ELAP # 11184

TEM ELAP # 10920

LABELLA PROJECT # 209288 phase 2

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/10/2009

ADDRESS: <u>300 State Street</u> Rochester, NY 14614

CLIENT: Labella Associates, PC

502

PROJECT LOCATION: Photech - Building #6

		method	ASBESTOS	96	OTHER	Ø		14		
FIELD ID	LBL ID		TYPE		FIBERS	%	MATRIX	%	COLOR / DESCRIPTION	
6-1A	50209-1	T	ND		ND		MIN/VINYL	100	OFF-WHITE FLOOR TILE	
6-2A	50209-2	T	ND		ND		MASTIC	100	BLACK MASTIC	
-										
-										
			_						· · · · · · · · · · · · · · · · · · ·	
PLM Method EPA 600/M4/82/020 Lab Supervisor: Matt Inuth Date: 9/12/09										
ND - None Detected CELL	ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster									

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = T P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

Location: PHOTECH - BLOG	Client: City of Rochester
Job No.: 209288 / 2	Rates: 7.0/20/50
PIN/ BIN:	Sampled by: <u>Mitch Smith</u>
Date: 9 10 09	Relinquished by: <u>Mitch Smith</u>
LaBella Lab No.: 50209	Received by: <u>Matt Smith</u>
Positive Stop Protocol: Yes 🛄 No 🛄	Number of Samples:

	Field ID #	Sample Location	Type of Suspect ACM to be Analyzed	Approx. Amount	Condition
	<u>ا</u> م - ۱۸	BLOG. "6 BATHIEDOM FLOOR	12×12 FLOOR Tile		
2	6-2A	" " " " " " " " " " " " " " " " " " "	BLACK MASTIC		

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

## PLM & TEM BULK ASBESTOS REPORT

Client:

City of Rochester

Job No: 6669-08 Page: 1 of 2

Location: Former Photech Imaging Systems Building 6, Exterior Sample Date: 6/11/2008

				PLM	PLM	N	TEM Asbestos		PLM	PLM
01.01.0		0	Description	Asbestos	Total	0	Fibers Type &	Total	Non-Asbestos	Matrix
Client ID	Lab ID	Sampling Location	Description	Fibers Type &	Asbestos	в	Percentage	Asbestos	Fibers Type &	Material
				Percentage					Percentage	%
WIC-001	38885	Around Window	Gray Window	Inconclusive	0%		Trace	<1.0%	None Detected	100%
			Caulk	No Asbestos			Chrysotile <1.0%			
1	1			Detected						
WIC-	38886	Around Window	Gray Window	Inconclusive	0%		Trace	<1.0%	None Detected	100%
001A			Caulk	No Asbestos			Chrysotile <1.0%			
				Detected		· ·				
									- A.	

## NVLAD Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\rm NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008

Microscope: Olympus BH-2 #233173
PLM Analyst: F. Childs

TEM Date Analyzed: 6/17/2008 TEM Analyst: F. Childs

Laboratory Results Approved By:

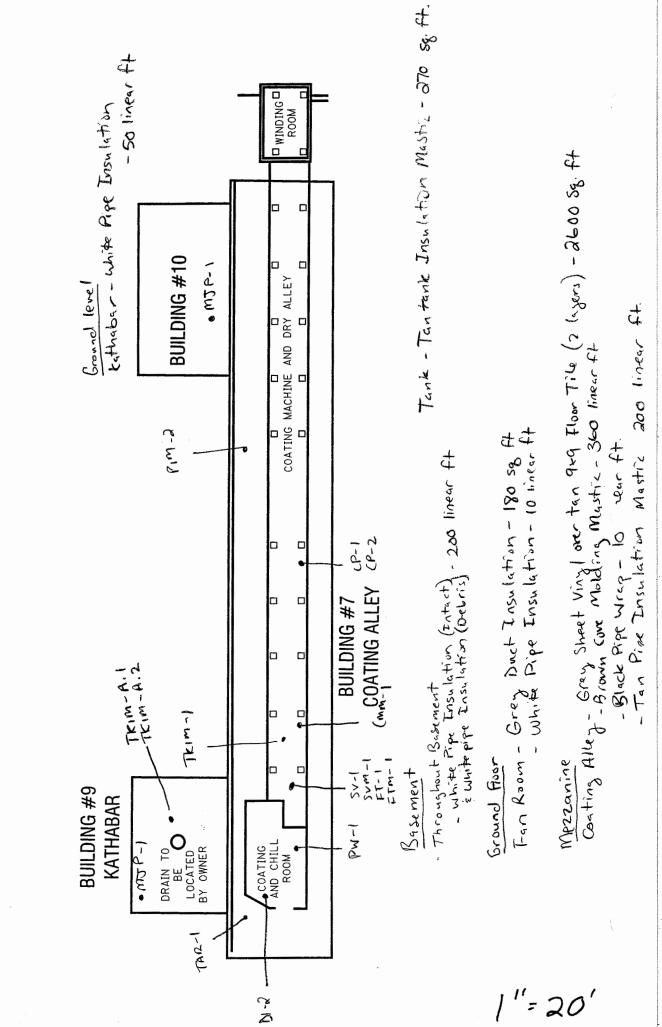
#### Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and excepted and provide 
Mary Dohr

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FNVOY	Qγ	Client:	Contact:				
environmental consultants, inc.	sultants, inc.	C. H. of Berker Hr		Biondelillo		رام) :+ dot	80-6999
145 Lake Avenue, Rochester, NY 14608	hester, NY 14608	Phone Number:	Fax Number:			9	(
585.454.1060 * Fax 585.454.1062	k 585.454.1062	Har- 6649				Page (	of
<b>Client Mailing Address:</b>	SS:	Results To:	pui	-		•	0~1-1
30 Church St Room 300-B	+ Roem 300-1		1 2 3	5 X Other		Date Logged In: 0/10/00	onlella
	11/11/1	Date Sampled	Material Type/Quantity: Friable NOB	ity: 3 TEM		Logged In By:	J
NOCDESTER IN		ion:	Project Numb				)01
General Location:		LOYMER FURTHER LINGING					
Client ID	Lab ID		Do not Analyze	Color	Size	Material	Friability
I WITC-COCI	38885	around window	Foam	GRY		N H C	2
2 WH C - 001 A	288		"	GRY		NEC	Z
4							
5				-			
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Transported to Paradigm By C. F.n.r.a V	páradigm By:	Date: $b     - \delta $	CHECK TO AUTOMATICALLY PERFORM TEM ON NQBS or provide TEM contact name:	ATICALLY PERF itact name:	ORM TEI	N ON NỌBS	X
Received By:	Por.	Date: (0/13/08	TOTAL NUMBER OF SAMPLES IN SURVEY:	F SAMPLES IN SI	URVEY:		33
Containerized material. under regulated conditi	's attached to this ( ions. (Danger; Ma	Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)	stos is a known carcinogen a ng Disease Hazard)	and should only be h	handled by	rtrained and authori	zed personnel

PLMChainEnvoyrev3 4.25.08.xls

Rev. 1 0.27.2006



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## **BUILDING #7 - COATING ALLEY**

#### Materials Sampled

**Grey Duct Insulation** White Pipe Insulation Black Roof Flashing Black Roof Membrane Black Asphalt Siding Tan Duct Insulation Mastic Grey Sheet Vinyl Black Sheet Vinyl Mastic Tan 9" x 9" Floor Tile Black Floor Tile Mastic Tan Tank Insulation Mastic Black/Silver Tar Paper Brown Cove Molding Mastic White Ceiling Plaster Black Pipe Wrap Tan Pipe Insulation Mastic

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

## ASBESTOS CONTAINING MATERIALS

#### BASEMENT

Throughout Basement	White Pipe Insulation (Intact) and White Pipe Insulation (Debris on Floors)	200	linear feet
GROUND FLOOR			
Fan Room	Grey Duct Insulation White Pipe Insulation	180 10	square feet linear feet
MEZZANINE			
Coating Alley	Grey Sheet Vinyl over Tan 9" x 9"	2,600	square feet
	Floor Tile (2 Layers) Brown Cove Molding Mastic Black Pipe Wrap	360 · - 10	linear feet linear feet
ROOF			
Roof	Black Roof Flashing	550	square feet
EXTERIOR			
Siding	Black Asphalt Siding	4,300	square feet

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

## MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### BASEMENT

Tank	Tan Tank Insulation Mastic	270	square feet
MEZZANINE			
Coating Alley	Tan Pipe Insulation Mastic	200	linear feet

\*All quantities are approximations.

## BUILDING#7 - COATING ALLEY

## Total Asbestos Containing Materials:

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Pipe Insulation	210	linear feet
Duct Insulation	180	square feet
Sheet Vinyl & Floor Tile	2,600	square feet
Cove Molding Mastic	360	linear feet
Pipe Wrap	10	linear feet
Roof Flashing	550	square feet
Asphalt Siding	4,300	square feet

## Total Materials to be Treated as Asbestos Containing:

Tank Insulation Mastic	270	square feet
Pipe Insulation Mastic	200	linear feet

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## PARADIGM Environmental ervices, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: Building #7 - Coating Alley . 1000 Driving Park Avenue, Rochester, New York 04/26/1999 Sample Date:

94960 Job Number:

1 of 2 Page Number:

| Client ID | Lab ID | Sampling Location            | Description                                   | Asbestos<br>Fibers Type &<br>Percentage | Total<br>Asbestos | T<br>E<br>M | Non-Asbestos<br>Fibers Type &<br>Percentage | Matrix<br>Material<br>% |
|-----------|--------|------------------------------|-----------------------------------------------|-----------------------------------------|-------------------|-------------|---------------------------------------------|-------------------------|
| DI-1      | 25226  | Ground Floor - Fan<br>Room   | Grey Fibrous Duct<br>Insulation               | Chrysotile 80%                          | 80%               |             | Cellulose 5%                                | 15%                     |
| PI-1      | 25227  | Ground Floor - Fan<br>Room   | White Fibrous Pipe<br>Insulation              | Chrysotile 5%<br>Amosite 15%            | 20%               |             | Mineral Wool 5%                             | 75%                     |
| RF-1      | 25228  | Roof Flashing                | Black Fibrous Roof Flashing                   | Chrysotile 15%                          | 15%               |             | Cellulose 45%                               | 40%                     |
| RM-A.1    | 25229  | Roof Field                   | Black Fibrous Roof<br>Membrane (Layer 1)      | None Detected                           | 0%                | *           | Cellulose 55%<br>TEM<br>Negy                | 45%                     |
| RM-A.2    | 25230  | Roof Field                   | Black Fibrous Roof<br>Membrane (Layer 2)      | None Detected                           | 0%                | *           | Cellulose 50%<br>Mineral Wool 5%<br>TEM Neg | 45%                     |
| AS-1      | 25231  | Exterior                     | Black Fibrous Asphalt<br>Siding               | Chrysotile 16%                          | 16%               |             | Cellulose 45%/                              | 39%                     |
| DI-2      | 25232  | Basement - Coating<br>Room   | Tan Fibrous Duct Insulation<br>Mastic         | None Detected                           | 0%                | *           | Cellulose 60%<br>TEM<br>Neg                 | 40%                     |
| SV-1      | 25233  | Mezzanine - Cooling<br>Alley | Grey Fibrous Sheèt Vinyl<br>(Layer 1)         | Chrysotile 60%                          | 60%               |             | Cellulose 10%                               | 30%                     |
| SVM-1     | 25234  | Mezzanine - Cooling<br>Alley | Black Sheet Vinyl Mastic<br>from Sample 25233 | None Detected                           | 0%                | *           | None Detected                               | 100%                    |
| FT-1      | 25235  | Mezzanine - Cooling<br>Alley | Tan Fibrous 9" x 9" Floor<br>Tile (Layer 2)   | Chrysotile 15%                          | 15%               |             | None Detected                               | 85%                     |

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. 04/27/1999

Date Analyzed:

:roscope: Analyst:

Olympus BH-2 #232953 Steve Lee

Laboratory Results Approved By:

File ID: Photech.XLS

## PARADIGM Environmental rvices, Inc.

## 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

**Brownfield Restoration Group, LLC** 

**Client:** Former Photech Imaging Systems Location: Building #7 - Coating Alley . 1000 Driving Park Avenue, Rochester, New York 04/26/1999 Sample Date:

Job Number:

94960

2 of 2 Page Number:

| Client ID | Lab ID | Sampling Location                           | Description                                  | Asbestos                    | Total<br>Asbestos | T      | Non-Asbestos<br>Fibers Type &              | Matrix<br>Material |
|-----------|--------|---------------------------------------------|----------------------------------------------|-----------------------------|-------------------|--------|--------------------------------------------|--------------------|
|           |        |                                             |                                              | Fibers Type &<br>Percentage | Aspestos          | E<br>M | Percentage                                 | %                  |
| FTM-1     | 25236  | Mezzanine - Coating<br>Alley                | Black Floor Tile Mastic from<br>Sample 25235 | None Detected               | 0%                | *      | None Detected                              | 100%               |
| ТКІМ-1    | 25237  | Basement - Tank                             | Tan Tank Insulation Mastic                   | None Detected               | 0%                | *      | None Detected                              | 100%               |
| TAR-1     | 25238  | Mezzanine - Coating<br>Alley Behind Plaster | Black/Silver Fibrous Tar<br>Paper            | None Detected               | 0%                | *      | Cellulose 35%<br>Synthetic 20%<br>TEM Negy | 45%                |
| CMM-1     | 25239  | Mezzanine - Coating<br>Alley                | Brown Cove Molding Mastic                    | None Detected               | 0%                | *      | None Detected                              | 100%               |
| CP-1      | 25240  | Mezzanine - Coating<br>Alley                | White Ceiling Plaster<br>(Layer 1)           | None Detected               | 0%                |        | None Detected                              | 100%               |
| CP-2      | 25241  | Mezzanine - Coating<br>Alley                | Grey Celling Plaster<br>(Layer 2)            | None Detected               | 0%                |        | None Detected                              | 100%               |
| PW-1      | 25242  | Mezzanine - Coating<br>Alley                | Black Fibrous Pipe Wrap                      | Chrysotile 2%               | 2%                |        | Cellulose 45%                              | 53%                |
| PIM-2     | 25243  | Mezzanine - Coating<br>Alley                | Tan Pipe Insulation Mastic                   | None Detected               | 0%                | *      | None Detected                              | 100%               |
|           |        |                                             |                                              |                             |                   |        |                                            |                    |
|           |        |                                             | •                                            |                             |                   |        |                                            |                    |

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

nate Analyzed: croscope:

Analyst:

04/27/1999 Olympus BH-2 #232953 Steve Lee

Laboratory Results Approved By:

File ID: Photech.XLS

# PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

## T.E.M. Results

**Brownfield Restoration Group, LLC Client:** 

Former Photech Imaging Systems Location:

1000 Driving Park Avenue, Rochester, New York Sample Date: 5/99-6/99

Job No:

Page Number: 2 Of 5

| Sample Date:         | 0,00 0,00 |                                  |                                                      | TEM A            | nalysis          |
|----------------------|-----------|----------------------------------|------------------------------------------------------|------------------|------------------|
| Client ID            | Lab ID    | Sampling Location                | Description                                          | Total Asbestos   | Asbestos<br>Type |
| crm-1<br>B-2         | 24285     | Second Floor<br>Room 229<br>Wall | Yellow Ceramic Tile Mastic                           | , <1.0%          | None Detected    |
| сям-2<br>В-2         | 24288     | Second Floor<br>Room 216         | Yellow Ceramic Tile Mastic                           | <1.0%            | None Detected    |
| FT-1<br>B-ス          | 24289     | First Floor<br>Room 124          | Tan 12"x12" Floor Tile                               | <1.0%            | None Detected    |
| FTM-1<br>B-2         | 24290     | First Floor<br>Room 124          | Black Fibrous Floor Tile Mastic from<br>Sample 24289 | <1.0%            | None Detected    |
| EJ-1<br>B-2          | 32551     | Exterior - Ground                | Black Expansion Joint                                | <1.0%            | None Detected    |
| RM-1<br>B-3          | 26354     | Roof Field                       | Black Fibrous Roof Membrane                          | <1.0%            | None Detected    |
| rm-1<br>B-4          | 26318     | Roof Field                       | Black Fibrous Roof Membrane                          | <1.0%            | None Detected    |
| <b>rm-a.1</b><br>B-7 | 25229     | Roof Field                       | Black Fibrous Roof Membrane<br>(Layer 1)             | <1.0%            | None Detected    |
| <b>RM-A.2</b><br>B-7 | 25230     | Roof Field                       | Black Fibrous Roof Membrane<br>(Layer 2)             | <1.0%            | None Detected    |
| DI-2<br>B-7          | 25232     | Basement - Coating Room          | Tan Fibrous Duct Insulation Mastic                   | <1.0%            | None Detected    |
|                      |           |                                  | ,                                                    | FLAP ID No.: 109 | 0 <i>4</i>       |

ELAP ID No.: 10984

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

**Date Analyzed:** Analyst:

 $(\cdot \cdot \cdot$ 

07/09/1999 Tim Wilhelm

Laboratory Results Approved By:

## PARADIGM Environmental

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

Services, Inc.

# T.E.M. Results

Client:Brownfield Restoration Group, LLCLocation:Former Photech Imaging Systems

Job No:

1000 Driving Park Avenue, Rochester, New York Sample Date: 5/99-6/99 Page Number: 3 Of 5

| Sattible Date.       |        |                                             |                                            | TEM A          |                  |
|----------------------|--------|---------------------------------------------|--------------------------------------------|----------------|------------------|
| Client ID            | Lab ID | Sampling Location                           | Description                                | Total Asbestos | Asbestos<br>Type |
| tar-1<br>B-7         | 25238  | Mezzanine - Coating Alley Behind<br>Plaster | Black/Silver Fibrous Tar Paper             | <1.0%          | None Detected    |
| RM-1<br>В-9          | 25192  | Roof Field                                  | Black Fibrous Membrane                     | <1.0%          | None Detected    |
| ткім-а.1<br>В-9      | 25193  | Kathabar Holding Unit                       | Tan Tank Insulation Mastic (Layer 1)       | <1.0%          | None Detected    |
| ткім-а.2<br>В-9      | 25194  | Kathabar Holding Unit                       | Tan Tank Insulation Mastic (Layer 2)       | <1.0%          | None Detected    |
| RM-1<br>B-10         | 24189  | Roof Field                                  | Black Fibrous Membrane                     | <1.0%          | None Detected    |
| стм-1<br>В-Ц         | 26327  | Basement<br>Men's Shower                    | Black Ceramic Tile Mastic                  | <1.0%          | None Detected    |
| <b>ft-1</b><br>B-1(  | 26335  | 1st Floor<br>Lab Room B102                  | Grey 12" x 12" Floor Tile                  | <1.0%          | None Detected    |
| <b>FTM-1</b><br>В-(1 | 26336  | 1st Floor<br>Lab Room B102                  | Tan Floor Tile Mastic from Sample<br>26335 | <1.0%          | None Detected    |
| смм-1<br>В-11        | 26337  | 1st Floor<br>Lab Room B102                  | Brown Cove Molding Mastic                  | <1.0%          | None Detected    |
| <b>RM-1</b><br>В-12  | 25576  | Roof Field<br>Roof 1                        | Black Fibrous Roof Felts                   | <1.0%          | None Detected    |

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

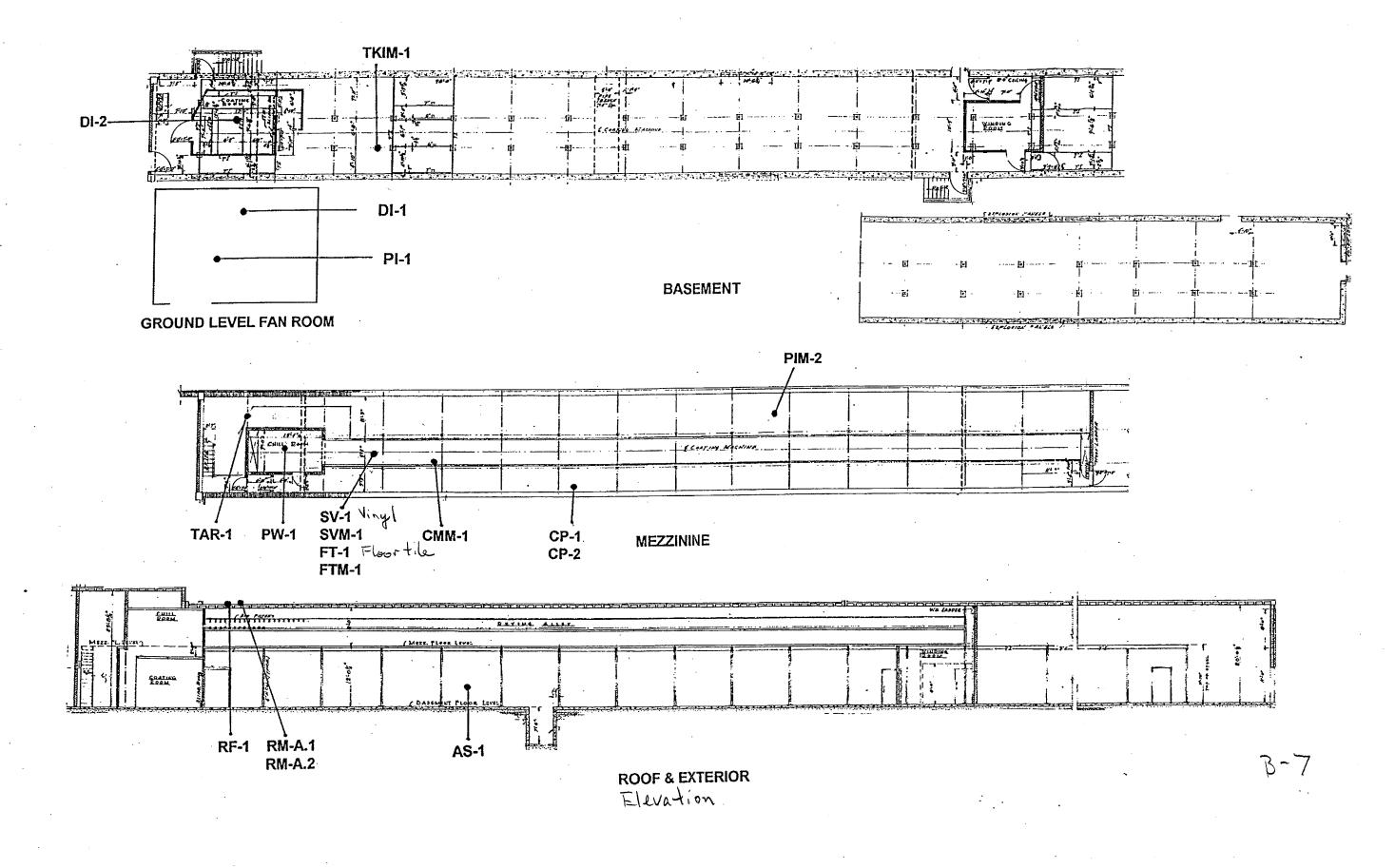
N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst: 07/09/1999 *Tim Wilhelm* 

Laboratory Results Approved By

÷



PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

ASBESTOS SAMPLING PLAN **COATING ALLEY BUILDING #7** 

**BROWNFIELD RESTORATION GROUP, LLC** FORMER PHOTECH IMAGING SYSTEMS, INC. **1000 DRIVING PARK AVENUE** ROCHESTER, NEW YORK



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

## PLM & TEM BULK ASBESTOS REPORT

| CI | ie | nt | : |
|----|----|----|---|
|    |    |    |   |

City of Rochester

Job No: 6670-08 Page: 1 of 2

| Location: | Former Photech Imaging |
|-----------|------------------------|
|           | Building 7, Exterior   |

Sample Date: 6/11/2008

|                |        |                   |                   | PLM            | PLM      | N        | TEM           | TEM      | PLM           | PLM      |
|----------------|--------|-------------------|-------------------|----------------|----------|----------|---------------|----------|---------------|----------|
|                |        |                   |                   | Asbestos       | Total    | 0        | Asbestos      | Total    | Non-Asbestos  | Matrix   |
| Client ID      | Lab ID | Sampling Location | Description       | Fibers Type &  | Asbestos | в        | Fibers Type & | Asbestos | Fibers Type & | Material |
|                |        |                   |                   | Percentage     |          |          | Percentage    |          | Percentage    | %        |
| <b>TAR-001</b> | 38887  | Westside Base of  | Black Fibrous Tar | Chrysotile 19% | 19%      |          | Not Required  | N/A      | None Detected | 81%      |
|                |        | Building          |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
| TAR-           | 38888  | Westside Base of  | Black Fibrous Tar | Chrysotile 21% | 21%      |          | Not Required  | N/A      | None Detected | 79%      |
| 001A           |        | Building          |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          | ·        |               |          |               |          |
| TAR-002        | 38889  | Eastside Base of  | Black Fibrous Tar | Chrysotile 13% | 13%      | <u> </u> | Not Required  | N/A      | None Detected | 87%      |
|                |        | Building          |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          | -        |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |
|                |        |                   |                   |                |          |          |               |          |               |          |

## Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").  $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this

material can be considered or treated as non-asbestos containing.

 PLM Date Analyzed:
 6/16/2008

 Microscope:
 Olympus BH-2 #233173

 PLM Analyst:
 F. Childs

TEM Date Analyzed: N/A TEM Analyst: N/A R

Laboratory Results Approved By: Asbestos Technical Director

Asbestos Technical Director Mary Dohr Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

| ( <b></b>                                |                                 |                                                                                                   | (                                                                                                       |                              |             |                                                                                                                 |              |
|------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|--------------|
| ENRICE                                   |                                 | CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS                                                        | R PLM ASBES                                                                                             | TOS ANAL                     | <u>YSIS</u> | OFFICE USE ONLY                                                                                                 | E ONLY       |
| TLAVOL<br>nvironmental consultants, inc. | <b>O</b><br>Isultants, inc.     | CITY of Rochester                                                                                 | Joseph Rin                                                                                              | Biondoli 110                 |             | ا ا ا ا ا ا ا                                                                                                   | 80-0699      |
| e Avenue, Roc                            | ake Avenue, Rochester, NY 14608 | umber:                                                                                            |                                                                                                         |                              |             | C                                                                                                               |              |
| 5.454.1060 * Fax 585.454.1062            | : 585.454.1062                  | 438-6649                                                                                          |                                                                                                         |                              |             | Page 🖉                                                                                                          | D Ca         |
| 2                                        | SS:                             | Kesults 10:                                                                                       |                                                                                                         | 5 V Other                    |             | Date Loaded In: [0] [2] 0 {                                                                                     | 1 John (0)   |
|                                          | N<br>N                          | Date Sampled                                                                                      | il Type/Qu                                                                                              | 2                            |             |                                                                                                                 |              |
| Kc bester WY                             | 14614                           | Project Location:                                                                                 | Friable NOB<br>Project Number:                                                                          | B TEM                        |             | Loggea In BY: _                                                                                                 | R<br>R       |
|                                          |                                 | Former Photech Imaging                                                                            | OSPORSE                                                                                                 |                              |             |                                                                                                                 |              |
| neral Loca                               | eneral Location: BIda           | T. Extensor                                                                                       | -                                                                                                       |                              |             |                                                                                                                 |              |
| Client ID                                | Lab ID 🤈                        | Sampling Location                                                                                 | Do not Analyze                                                                                          | Color                        | Size        | Material                                                                                                        | Friability   |
| TAR-001                                  | 18882                           | Westside base of Bldg                                                                             |                                                                                                         | BIK                          |             | TAR                                                                                                             | 2            |
| -AR-001A                                 | 888                             | 11                                                                                                |                                                                                                         | BIK                          |             | TAR                                                                                                             | 2            |
| TAR-003                                  | 688                             | Eastside base of Bldg                                                                             |                                                                                                         | BIK                          |             | TAR                                                                                                             | 3            |
|                                          |                                 |                                                                                                   |                                                                                                         |                              |             |                                                                                                                 |              |
|                                          |                                 |                                                                                                   |                                                                                                         |                              |             |                                                                                                                 |              |
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| Sar pled By:                             | at 1 Marco                      | Date: 6/11/05                                                                                     | CHECK ONE:                                                                                              | survey                       | X           | A TNO SYTNA                                                                                                     | LY [         |
| Traisported to Paradigm By               |                                 | Date: $b   i   O $                                                                                | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS<br>or provide TEM contact name:                              | ATICALLY PERF<br>itact name: | ORM TE      | N ON NOBS                                                                                                       | X            |
| Rechived By:                             |                                 | Date: 10/12408                                                                                    | TOTAL NUMBER OF SAMPLES IN SURVEY:                                                                      | F SAMPLES IN S               | URVEY:      |                                                                                                                 | 33           |
| enzed material:                          | s attached to this C            | Cor almenized materials attached to this Chain of Custody may contain Asbestos. Asbesto           | Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel | and should only be I         | handled by  | trained and authoriz                                                                                            | ed personnel |
| egulated condit                          | ions. (Danger; Ma               | undir regulated conditions. (Danger, May Contain Asbestos Fibers, Cancer and Lung Disease Hazard) | Disease Hazard)                                                                                         |                              |             |                                                                                                                 |              |

PLMChainEnvoyrev3 4.25.08.xls

Rev. 1 0.27.2006

## **BUILDING #8**

#### **Materials Sampled**

Black Fire Door Insulation Black Wall Caulk Black Expansion Cloth White Caulk

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

## ASBESTOS CONTAINING MATERIALS

#### **GROUND FLOOR**

Entrance Black Fire Door Insulation

square

64

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

## MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### **GROUND FLOOR**

| Interior | Black Wall Caulk | 120 | linear feet |
|----------|------------------|-----|-------------|
| ROOF     |                  |     |             |
| Roof     | Black Roof Field | 400 | square feet |

\*All quantities are approximations.

\*\*Roof was not accessible for sampling at the time of this survey.

## BUILDING#8

## Total Asbestos Containing Materials:

| Fire Door Insulation                                  | 64  | square feet |
|-------------------------------------------------------|-----|-------------|
| Total Materials to be Treated as Asbestos Containing: |     |             |
| Wall Caulk                                            | 120 | linear feet |
| Roof Field                                            | 400 | square feet |

## PARADIGM Environmental 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311 Pervices, Inc.

| Client:      | Brownfield Restoration Group, LLC             |
|--------------|-----------------------------------------------|
| Location:    | Former Photech Imaging Systems                |
|              | Building #8                                   |
|              | 1000 Driving Park Avenue, Rochester, New York |
| Sample Date: | 05/24/1999                                    |

Job Number: 95983

Page Number: 1 Of 1

| Client ID | Lab ID | Sampling Location | Description                           | Asbestos<br>Fibers Type &<br>Percentage | Total<br>Asbestos | T<br>E<br>M | Non-Asbestos<br>Fibers Type &<br>Percentage | Matrix<br>Material<br>% |
|-----------|--------|-------------------|---------------------------------------|-----------------------------------------|-------------------|-------------|---------------------------------------------|-------------------------|
| FD-1      | 32546  | Fire Door         | Black Fibrous Fire Door<br>Insulation | Chrysotile 33%                          | 33%               |             | Cellulose 18%                               | 49%                     |
| WC-1      | 32547  | Inside Building   | Black Wall Caulk                      | None Detected                           | 0%                | *           | None Detected                               | · 100%                  |
| EC-1      | 32548  | Exterior          | Black Fibrous Expansion<br>Cloth      | None Detected                           | 0%                |             | Cellulose 59%                               | 41%                     |
| WC-2      | 32549  | Exterior          | White Wall Caulk                      | None Detected                           | 0%                |             | None Detected                               | 100%                    |
| l         |        |                   |                                       |                                         |                   |             |                                             |                         |
|           |        |                   |                                       |                                         |                   |             |                                             |                         |
|           |        |                   |                                       |                                         |                   |             |                                             |                         |
|           |        |                   |                                       |                                         |                   |             |                                             |                         |
|           |        |                   |                                       |                                         |                   |             |                                             |                         |
|           |        |                   | · ·                                   |                                         |                   |             |                                             |                         |

ELAP ID No .: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Date Analyzed: croscope:

Analyst:

05/24/1999 Olympus BH-2 #232953 Patrick Fitzgerald

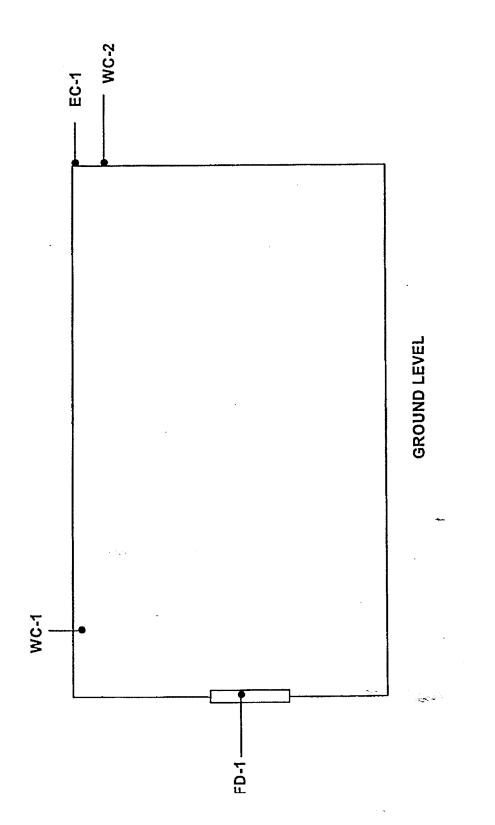
Laboratory Results Approved By:

File ID: Photech.XLS

BROWNFIELD RESTORATION GROUP, LLC FORMER PHOTECH IMAGING SYSTEMS, INC. 1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK

> PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999





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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

#### ENVIRONMENTAL SERVICES. INC.

## PLM & TEM BULK ASBESTOS REPORT

**City of Rochester** 

Job No: 6607-08 Page: 1 of 2

| <b>O</b> HOHE |                                |
|---------------|--------------------------------|
| Location:     | Former Photech Imaging Systems |
|               | Building 8                     |
| Sample Date:  | 6/10/2008                      |

**TEM Asbestos** TEM PLM PLM PLM PLM N Fibers Type & Total Non-Asbestos Matrix Asbestos Total 0 Client ID Lab ID Sampling Location Description Fibers Type & Material Asbestos в Percentage Asbestos Fibers Type & Percentage % Percentage 85% N/A Cellulose 15% 38501 Between Building 8 and Brown Fibrous None Detected 0% Not Required EXJ-001 Building 2 Expansion Joint

## NVLAD

#### Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008 Olympus BH-2 #233173 Microscope: F. Childs PLM Analyst:

**TEM Date Analyzed:** N/A TEM Analyst: N/A

Laboratory Results Approved By:

Mary Dohr

**Asbestos Technical Director** 

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

| OFFICE USE ONLY       Job #: $0007-08$ Job #: $0007-08$ Page       Page       Date Logged In: $c/u/hg$ Logged In By: $S$ Material     Friability       EXJ     Non-Friable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | BULKS ONLY                                                                                                                                                                                                                                                               |
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| Job J<br>Page<br>Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | X B<br>RFORM TEM ON NC<br>Paul Mahoney<br>V SURVEY:<br>andled by trained and a                                                                                                                                                                                           |
| SBESTOS ANAL<br>Joseph Biondolillo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SURVEY X<br>SURVEY X<br>ATICALLY PERFo<br>tact name: Pau<br>should only be handl                                                                                                                                                                                         |
| PLM ASBEST(         Contact: Joseph Bio         Fax Number:         Turn Around Time:         1         2       3         Analyze         Project Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CHECK ONE: SURVEY X BULH<br>CHECK ONE: SURVEY X BULH<br>CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS<br>Or provide TEM contact name: Paul Mahoney<br>TOTAL NUMBER OF SAMPLES IN SURVEY:<br>Known carcinogen and should only be handled by trained and autho<br>ase Hazard) |
| CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS         Client:       City of Rochester       Contact:       Joseph Biondolillo         Phone Number:       428-6649       Fax Number:       Joseph Biondolillo         Results To:       Ted Knapp       Turn Around Time:       Imaginative:         Project Location:       6/10/08       Material Type/Quantity:       Other       Imaginative:         Project Location:       Former Photech       Project Number:       08/0486       Imaginative:         Between building 8 and building 2       Do not Analyze       Color       Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date: 6/10/08<br>Date: 6/10/08<br>Date: 6/10/08<br>Date: 6/10/08<br>stody may contain Asbestos. Asbestos is a<br>Asbestos Fibers, Cancer and Lung Disee                                                                                                                  |
| DY<br>ultants, inc.<br>ester, NY 14608<br>85,454.1062<br>85,454.1062<br>B<br>B<br>Dn: Building 8<br>נום ום<br>מולום מ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ted Knapp<br>Paradigm By: Ted Knapp<br>Land Land Knapp                                                                                                                                                                                                                   |
| ENVOY<br>environmental consultants, inc.<br>environmental consultants, inc.<br>uts Lake Avenue, Rochester, NY 14608<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-454.1062<br>585-455<br>585-455<br>585-455<br>585-455<br>585-455<br>585-455<br>585-455<br>585-455<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-585<br>585-5855<br>585-585<br>585-585<br>585-585<br>585-5855 | 2) mpled By: Ted Knapp<br>3) mpled By: Ted Knapp<br>1) ansported to Paradigm By:<br>A ceived By: 1, 1, 2, 2, 1, 1, 2, 2, 2, 1, 1, 2, 2, 2, 1, 1, 2, 2, 2, 1, 1, 2, 2, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,                            |

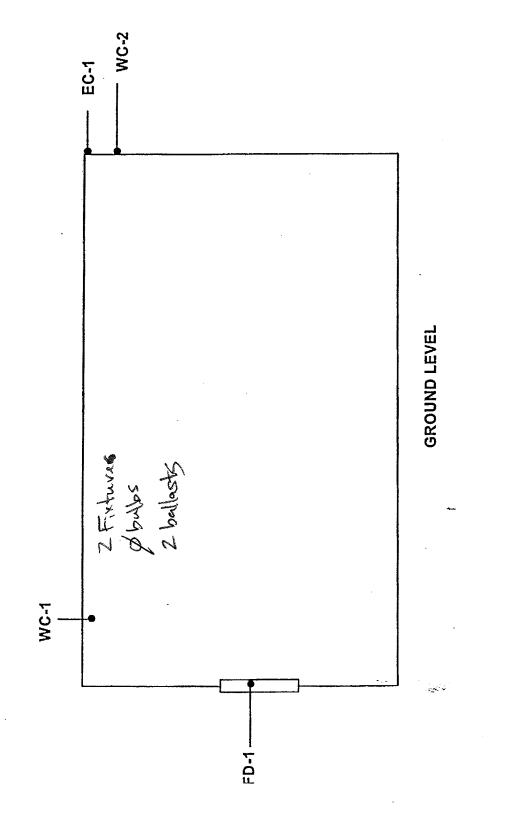
PLMChainEnvoyrev3 4 25 08.xls

Rev. 1 0.27.2006



PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999





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## **BUILDING #9 – KATHABAR**

#### **Materials Sampled**

Black Roof Flashing Black Roof Membrane Tan Tank Insulation Mastic White Mudded Joint Packing

The following materials were found to contain asbestos by Polarized Light Microscopy (PLM) Analysis:

## ASBESTOS CONTAINING MATERIALS

#### ROOF

Roof

Black Roof Flashing

100

square feet

\*All quantities are approximations.

## PARADIGM Environmental 179 Lake Aver ervices, Inc.

#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

| Client:      | Brownfield Restoration Group, LLC             |
|--------------|-----------------------------------------------|
| Location:    | Former Photech Imaging Systems                |
|              | Building #9 - Kathabar                        |
|              | 1000 Driving Park Avenue, Rochester, New York |
| Sample Date: | 04/26/1999                                    |

Job Number: 94

Page Number: 1 Of 1

| Client ID | Lab ID | Sampling Location     | Description                             | Asbestos<br>Fibers Type &<br>Percentage | Total<br>Asbestos | T<br>E<br>M | Non-Asbestos<br>Fibers Type &<br>Percentage | Matrix<br>Material<br>% |
|-----------|--------|-----------------------|-----------------------------------------|-----------------------------------------|-------------------|-------------|---------------------------------------------|-------------------------|
| RF-1      | 25191  | Roof Flashing         | Black Fibrous Flashing                  | Chrysotile 12%                          | 12%               |             | Cellulose 7%<br>Fiberglass 8%               | 73%                     |
| RM-1      | 25192  | Roof Field            | Black Fibrous Membrane                  | None Detected                           | 0%                | *           | Cellulose 10%<br>Fiberglass 45%<br>TEM Weg  | 45%                     |
| TKIM-A.1  | 25193  | Kathabar Holding Unit | Tan Tank Insulation Mastic<br>(Layer 1) | None Detected                           | 0%                | *           | None Detected<br>TEM<br>Necy                | 100%                    |
| TKIM-A.2  | 25194  | Kathabar Holding Unit | Tan Tank Insulation Mastic<br>(Layer 2) | None Detected                           | 0%                | *           | None Detected<br>TEM<br>Neg                 | 100%                    |
| MJP-1     | 25195  | Kathabar Holding Unit | White Fibrous Mudded Joint<br>Packing   | None Detected                           | 0%                |             | Mineral Woof 36%                            | 64%                     |
|           |        |                       |                                         |                                         |                   |             |                                             |                         |
|           |        |                       |                                         |                                         |                   |             |                                             |                         |
| ·         |        |                       |                                         |                                         |                   |             |                                             |                         |
|           |        |                       |                                         |                                         |                   |             |                                             |                         |
|           |        |                       |                                         |                                         |                   |             |                                             |                         |

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

nate Analyzed: croscope:

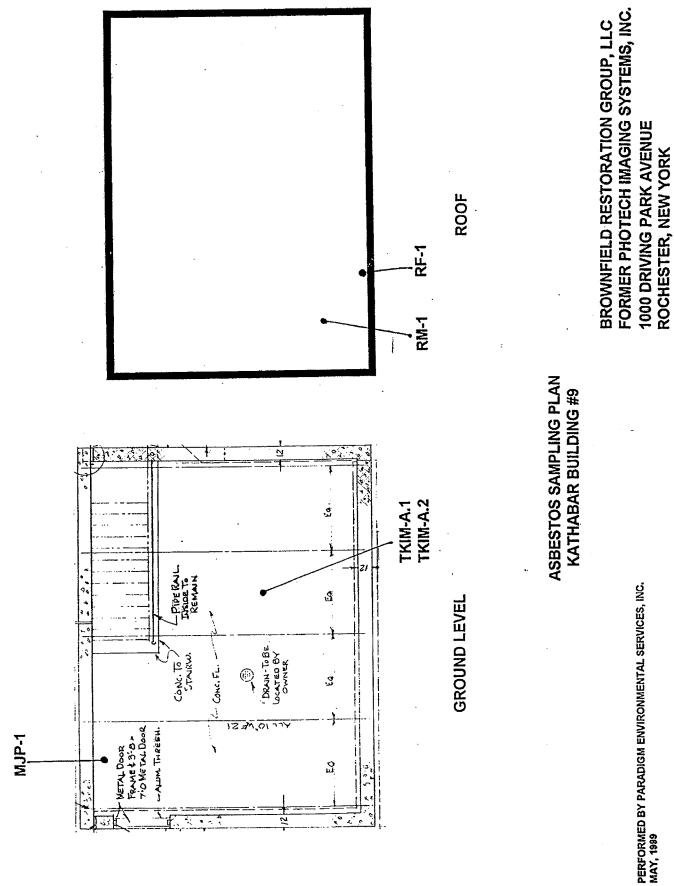
Analyst:

04/26/1999 Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By: 2

File ID: Photech.XLS

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

## PLM & TEM BULK ASBESTOS REPORT

Client:

City of Rochester

Job No: 6671-08 Page: 1 of 2

Location: Former Photech Imaging Systems Building 9, Exterior Sample Date: 6/11/2008

|              |        |                             |                                  | PLM                     | PLM      | N            | TEM Asbestos  | TEM      | PLM           | PLM      |
|--------------|--------|-----------------------------|----------------------------------|-------------------------|----------|--------------|---------------|----------|---------------|----------|
|              |        |                             |                                  | Asbestos                | Total    | 0            | Fibers Type & | Total    | Non-Asbestos  | Matrix   |
| Client ID    | Lab ID | Sampling Location           | Description                      | Fibers Type &           | Asbestos | в            | Percentage    | Asbestos | Fibers Type & | Material |
|              |        |                             |                                  | Percentage              |          |              | _             |          | Percentage    | %        |
| WAC-001      | 38890  | West Wall                   | White Wall Caulk                 | Inconclusive            | 0%       |              | None Detected | <1.0%    | None Detected | 100%     |
|              |        |                             |                                  | No Asbestos<br>Detected |          |              |               |          |               |          |
| WAC-         | 38891  | West Wall                   | White Wall Caulk                 | Inconclusive            | 0%       |              | None Detected | <1.0%    | None Detected | 100%     |
| 001A         |        |                             |                                  | No Asbestos<br>Detected |          | $\checkmark$ |               |          |               |          |
| EXJ-002      | 38892  | West Wall                   | Brown Fibrous<br>Expansion Joint | None Detected           | 0%       |              | Not Required  | N/A      | Cellulose 30% | 70%      |
| EXJ-002A     | 38893  | West Wall                   | Brown Fibrous<br>Expansion Joint | None Detected           | 0%       |              | Not Required  | N/A      | Cellulose 30% | 70%      |
| WAC-003      | 38894  | South Corner                | Gray Fibrous Wall<br>Caulk       | Chrysotile 9%           | 9%       |              | Not Required  | N/A      | Fiberglass 2% | 89%      |
| WAC-<br>003A | 38895  | South Corner                | Gray Fibrous Wall<br>Caulk       | Chrysotile 10%          | 10%      | $\checkmark$ | Not Required  | N/A      | Fiberglass 2% | 88%      |
| WAC-004      | 38896  | North Corner                | Gray Fibrous Wall<br>Caulk       | Chrysotile 8%           | 8%       |              | Not Required  | N/A      | Fiberglass 2% | 90%      |
| WAC-<br>004A | 38897  | North Corner                | Gray Fibrous Wall<br>Caulk       | Chrysotile 8%           | 8%       | $\checkmark$ | Not Required  | N/A      | Fiberglass 2% | 90%      |
| WAC-005      | 38898  | North Corner Around<br>Door | Gray Fibrous Wall<br>Caulk       | Chrysotile 8%           | 8%       | $\checkmark$ | Not Required  | N/A      | Fiberglass 2% | 90%      |
| WAC-<br>005A | 38899  | North Corner Around<br>Door | Gray Fibrous Wall<br>Caulk       | Chrysotile 8%           | 8%       |              | Not Required  | N/A      | Fiberglass 2% | 90%      |

## NVLAP Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").  $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically

bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008

Microscope:Olympus BH-2 #233173PLM Analyst:F. Childs

bus BH-2 #233173 *ilds*  TEM Date Analyzed: 6/17/2008 TEM Analyst: F. Childs

## Laboratory Results Approved By:

Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available uncoverned.

6671-08.xls 6/17/2008

Mary Dohr

| Received By:         | Transported to Paradigm By:                            | C. Enright | Sampled By: | 10 WAC-005 A | 9 WAC-005               | 8 WAC-COHA | 7 WAC-OUT    | 6 WAC-003A | 5 WAC - 003  | 4 EXJ- ODAN | 3 EXJ-000 | 2 WAR -OGIA | I WAC-OCI | Client ID      | General Location: |                        |                   | Rochester NY  | JU Church Jt,              |                         | Client Mailinn Address | 585.454.1060 * Fax 585.454.1062 | 145 Lake Avenue, Rochester, NY 14608 | ENVOY           |            |
|----------------------|--------------------------------------------------------|------------|-------------|--------------|-------------------------|------------|--------------|------------|--------------|-------------|-----------|-------------|-----------|----------------|-------------------|------------------------|-------------------|---------------|----------------------------|-------------------------|------------------------|---------------------------------|--------------------------------------|-----------------|------------|
| PAR.                 | adigim By:<br>Enright                                  | G. Mance   |             | 668          | 868                     | Lb8        | 968          | 395        | 468          | 893         | 202       | 891         | 38890     | Lab ID         | n: Bldg           |                        |                   | 14(0)4        | $\Delta + koon \Delta + c$ |                         |                        |                                 |                                      |                 | <br> <br>- |
| 80/19/08 Date: مالم  | Date: し/い/08                                           |            | Date:       |              | North Covner, around of | 12         | North Corner | ir.        | South Corner | £           | ×         | 11          | West wall |                |                   | Former Photech Imagina | Project Location: | (a 11 08)     | Date Sampled:              |                         | Hasults To:            | 1100 1-1-110                    | Phone Number:                        |                 |            |
| TOTAL NUMBER OF      | CHECK TO AUTOMATICALLY<br>or provide TEM contact name: |            | CHECK ONE:  |              | deur Paint              | 11         | Paint        | 11         | Paint, Foam  |             |           | 11          | Paint     | Do not Analyze |                   | 1                      | Project Number:   | Friable NOB   | ð,[                        |                         | Turn Around Time:      |                                 | Fax Number:                          |                 |            |
| F SAMPLES IN SURVEY: | ATICALLY Pi<br>tact name:                              |            | SURVEY      | CRX          | GRY                     | CRY        | (JAY)        | GRY        | GRY          | BRN         | BRN       | WHT         | WHT       | Color          |                   |                        |                   | TEM           |                            | 5 X Other               |                        |                                 | Biondoli IIO                         | -               |            |
| N SURVEY:            | ERFORM TE                                              |            | ×           |              |                         |            |              |            |              |             |           |             |           | Size           |                   |                        |                   |               | ľ                          | ēr                      |                        |                                 |                                      |                 |            |
|                      | IATICALLY PERFORM TEM ON NOBS ntact name;              |            | BULKS ONLY  | WAC          | WAC                     | WAC        | WAC          | WAC        | WAC          | EXJ         | EXJ       | WAC         | WAC       | Material       |                   |                        |                   | Logged In By: | -                          | Date Logged In: 6/12/08 |                        | Page 2                          |                                      | hon #. ( 0 ( 0- |            |
| 33                   | X                                                      |            | NLY         | ح            | ح                       | 2          | 5            | 2          | 2            | ح           | 2         | Ζ           | 2         | Friability     |                   |                        |                   |               |                            | 6/12/08                 |                        | ۹((                             | $\mathfrak{O}$ .                     | 20-11-08        |            |

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

## PLM & TEM BULK ASBESTOS REPORT

| Client:      | <u>City of Rochester</u> |
|--------------|--------------------------|
| Location:    | Former Photech Imaging   |
|              | Building 9               |
| Sample Date: | 6/11/2008                |

Job No: 6672-08 Page: 1 of 2

|           |        |                        |                    | PLM            | PLM      | N        | TEM                                   | TEM                                    | PLM           | PLM      |
|-----------|--------|------------------------|--------------------|----------------|----------|----------|---------------------------------------|----------------------------------------|---------------|----------|
| Client ID | Lak ID |                        | Description        | Asbestos       | Total    | 0        | Asbestos                              | Total                                  | Non-Asbestos  | Matrix   |
| Client ID |        | Sampling Location      | Description        | Fibers Type &  | Asbestos | В        | Fibers Type &                         | Asbestos                               | Fibers Type & | Material |
|           |        |                        |                    | Percentage     |          | Ι.       | Percentage                            |                                        | Percentage    | %        |
| PIN-006   | 38900  | Interior Pipe on Floor | White Fibrous Pipe | Chrysotile 57% | 90%      |          | Not Required                          | N/A                                    | None Detected | 10%      |
|           |        |                        | Insulation         | Amosite 33%    |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
| PIN-007   | 38901  | Exterior Pipe on       | White Fibrous Pipe |                | 87%      |          | Not Required                          | N/A                                    | None Detected | 13%      |
|           |        | Ground                 | Insulation         | Amosite 21%    |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          | <u> </u> |                                       |                                        |               |          |
|           |        |                        |                    |                |          | Ì        |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          | -                                     |                                        |               |          |
| l         |        |                        |                    |                |          |          |                                       |                                        |               |          |
| -         |        |                        |                    |                |          |          |                                       |                                        |               |          |
| 1         |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
| [         |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
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|           |        |                        |                    |                |          |          | · · · · · · · · · · · · · · · · · · · | ······································ |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |
|           |        |                        |                    |                |          |          |                                       |                                        |               |          |

## Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{}$  NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008

 Microscope:
 Olympus BH-2 #233173

 PLM Analyst:
 F. Childs

| TEM Date Analyzed: | N/A |
|--------------------|-----|
| TEM Analyst: N/A   |     |

Laboratory Results Approved By: Asbestos Technical Director

Asbestos Technical Director Mary Dohr Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

| Sampled By:<br>C. Enright C. Mance<br>Transported to Páradigm By:<br>C. Enright<br>Received By:<br>C. Enright<br>Containerized materials attached to this Chain<br>under regulated conditions. (Danger; May Co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10 | 9 | 8 | 7 | 6 | 5                 | 4     | 3          |                         | 1 PIN-000 38900        | Client ID Lab ID U | General Location: Blda |                                             | Rescharter NY Hard | 30 Church St, Room 300-B           | <b>Client Mailing Address:</b> | 145 Lake Avenue, Rochester, NY 14608<br>585.454.1060 * Fax 585.454.1062 | environmental consultants, inc. | ENVOY    |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|---|---|---|-------------------|-------|------------|-------------------------|------------------------|--------------------|------------------------|---------------------------------------------|--------------------|------------------------------------|--------------------------------|-------------------------------------------------------------------------|---------------------------------|----------|--------------------------------------------|
| Sampled By:Date: $G   I   \heartsuit S$ CHECK ONE:SURVEYSURVEYBULKS ONLYC. Envright G. ManceDate: $G   I   \heartsuit S$ CHECK TO AUTOMATICALLY PERFORM TEM ON NOBSC. Envright G. ManceDate: $G   I   \bigcirc S$ CHECK TO AUTOMATICALLY PERFORM TEM ON NOBSC. Envright G. ManceDate: $G   I   \bigcirc S$ CHECK TO AUTOMATICALLY PERFORM TEM ON NOBSC. Envright G. ManceDate: $G   I   \bigcirc S$ CHECK TO AUTOMATICALLY PERFORM TEM ON NOBSReceived By:Total:Date: $G   I   \bigcirc S$ or provide TEM contact name:Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnelContainerized materials attached to this Chain of Custody may contain Asbestos Fibers, Cancer and Lung Disease Hazard)Survey |    |   |   |   |   |                   |       | -          | Exterior pipe on ground | Interior pipe on floor | _                  |                        | Project Location:<br>Former Photech Imaging |                    | Ted Knapp                          |                                |                                                                         | City of Rechester               | Client:  | CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS |
| CHECK ONE: SURVEY SURVEY BUL<br>CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS<br>or provide TEM contact name:<br>TOTAL NUMBER OF SAMPLES IN SURVEY:<br>is a known carcinogen and should only be handled by trained and a<br>isease Hazard)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |   |   |   |   |                   |       |            |                         |                        | Do not Analyze     |                        | Project Number:                             | Friable NOB        | 1 2 3 5<br>Material Tyne/Quantity: | Ind Time:                      |                                                                         | Joseph Biono                    | Contact: | PLM ASBEST(                                |
| SURVEY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |   |   |   |   |                   |       |            | WHT                     | WHT                    | Color Size         |                        |                                             | TEM                |                                    |                                |                                                                         | Biondelillo                     |          | DS ANALYSIS                                |
| FEM ON NOBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |   |   |   |   |                   |       |            | PHZ                     | PHZ                    | Material           |                        |                                             | Logged In By:      |                                    | Date I parted In: (. / Ind)    | Page 0                                                                  | top :: dor                      |          | OFFICE USE ONLY                            |
| ized personnel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    | 1 |   |   |   | يەر بىر<br>مەر مۇ | d a s | 10 - Rev 2 | Υ                       |                        | Friability         |                        |                                             | t of               | 010100                             | 2012-1-2                       | 2r a at                                                                 |                                 | SU-CL'I' | SE ONLY                                    |

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T 10.27.2006

PLMChainEnvoyrev3 4.25.08.xls

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## PARADIGM Environmental Services, Inc.

179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

## **T.E.M. Results**

**Brownfield Restoration Group, LLC Client:** Former Photech Imaging Systems Location: 1000 Driving Park Avenue, Rochester, New York

Job No:

| Sample Date:        | -      | Fair Avenue, Noonester, Nev                 |                                            | Page Number:   | 3 of 5           |
|---------------------|--------|---------------------------------------------|--------------------------------------------|----------------|------------------|
| •                   |        |                                             |                                            | TEM A          |                  |
| Client ID           | Lab ID | Sampling Location                           | Description                                | Total Asbestos | Asbestos<br>Type |
| tar-1<br>B-7        | 25238  | Mezzanine - Coating Alley Behind<br>Plaster | Black/Silver Fibrous Tar Paper             | <1.0%          | None Detected    |
| <b>RM-1</b><br>В-9  | 25192  | Roof Field                                  | Black Fibrous Membrane                     | <1.0%          | None Detected    |
| ткім-а.1<br>B-9     | 25193  | Kathabar Holding Unit                       | Tan Tank Insulation Mastic (Layer 1)       | <1.0%          | None Detected    |
| ткім-а.2<br>В-9     | 25194  | Kathabar Holding Unit                       | Tan Tank Insulation Mastic (Layer 2)       | <1.0%          | None Detected    |
| RM-1<br>B-10        | 24189  | Roof Field                                  | Black Fibrous Membrane                     | <1.0%          | None Detected    |
| стм-1<br>В-ll       | 26327  | Basement<br>Men's Shower                    | Black Ceramic Tile Mastic                  | <1.0%          | None Detected    |
| <b>ft-1</b><br>B-11 | 26335  | 1st Floor<br>Lab Room B102                  | Grey 12" x 12" Floor Tile                  | <1.0%          | None Detected    |
| <b>ftm-1</b><br>В-( | 26336  | 1st Floor<br>Lab Room B102                  | Tan Floor Tile Mastic from Sample<br>26335 | <1.0%          | None Detected    |
| смм-1<br>В-11       | 26337  | 1st Floor<br>Lab Room B102                  | Brown Cove Molding Mastic                  | <1.0%          | None Detected    |
| RM-1<br>В-12        | 25576  | Roof Field<br>Roof 1                        | Black Fibrous Roof Felts                   | <1.0%          | None Detected    |

The samples were analyzed by Transmission Electron Microscopy, according to the State of New York DOH ELAP Method 198.1 and 198.4.

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N/A - Not Applicable

TEM ANALYSIS ONLY PERFORMED BY SCIENTIFIC LABORATORIES INC.

Date Analyzed: Analyst:

07/09/1999 Tim Wilhelm

Laboratory Results Approved By: \_

## **BULK SAMPLE ASBESTOS** ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY **300 STATE STREET** ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

CLIENT: Labella Associates, PC

579

#### 57909 LBL JOB #

ELAP # 11184

TEM ELAP # 10920

209288.03 phase 1 LABELLA PROJECT #

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/25/2009

ADDRESS: 300 State Street Rochester, NY 14614

| PROJECT LOCATION:        | Photech -    | - Bı   | uilding #9     |      |                |              |                                       |        |                                |
|--------------------------|--------------|--------|----------------|------|----------------|--------------|---------------------------------------|--------|--------------------------------|
|                          |              | method | ASBESTOS       |      | OTHER          |              |                                       |        |                                |
| FIELD ID                 | LBL D        | met    | ТҮРЕ           | %    | FIBERS         | %            | MATRIX                                | %      | COLOR / DESCRIPTION            |
| BLDG9-1A                 | 57909-1      | P      | CHRYSOTILE     | 8    |                |              |                                       |        |                                |
| BLDG9-1A                 | 57909-1      | P      | AMOSITE        | 33   | CELLULOSE      | 14           | MINERAL                               | 45     | GRAY PIPE WRAP DEBRIS          |
|                          |              |        |                |      |                |              |                                       |        |                                |
|                          |              |        |                |      |                |              |                                       |        |                                |
|                          |              |        |                |      |                |              |                                       |        |                                |
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|                          |              |        |                |      |                |              |                                       |        |                                |
|                          |              |        |                |      |                |              |                                       |        |                                |
|                          |              |        |                |      |                |              | · · · · · · · · · · · · · · · · · · · |        |                                |
|                          |              |        |                |      |                |              |                                       |        |                                |
|                          | 2/020        |        |                |      |                | <u> </u>     | P_A                                   | L      |                                |
| PLM Method EPA 600/M4/82 | 2/020        | L      | ab Supervis    | or:  | _l'lat         | 1_           | Smith                                 |        | Date: <u> 0/1/09</u>           |
| ND - None Detected CELL  | -Cellulose   |        | - Joint Compo  |      |                | ineral       | GLASS - Fi                            | berg   | lass <1 = Trace PLAS - Plaster |
| P - Friable PLM analy    | tical result | N -    | NOB PLM a      | naly | tical result   | <b>T - T</b> | EM analytical                         | result | t                              |
| G-Gravimetric Matrix     | Reduction 3  | Sam    | mle residue we | eigh | t <1% of origi | nal sa       | ample weight. '                       | FEM    | not required.                  |

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

#### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

5

| Location: PHOTECH - BLOG #9    |
|--------------------------------|
| Job No.:                       |
| PIN/BIN: 209258.03             |
| Date: 9/25/09 PHASE/           |
| LaBella Lab No.: 57909         |
| Positive Stop Protocol: Yes No |

| Client: Cia           | of        | Cochester |
|-----------------------|-----------|-----------|
| Rates: 7.0            | 170       | 150       |
| Sampled by: <u>M</u>  | iteh Smit | r TKV     |
| Relinquished by       |           |           |
| Received by: <u>M</u> | att Smith |           |

......

Number of Samples:\_\_\_\_\_

| Field<br>ID # | Sample Location | Type of Suspect ACM to<br>be Analyzed | Approx.<br>Amount | Condition |
|---------------|-----------------|---------------------------------------|-------------------|-----------|
| 8LA69-1A      | KATHABAR BLDG   | SUSPECT<br>ACM<br>PIPE WRAP<br>DEBRIS |                   |           |
|               |                 |                                       |                   |           |
| ·             |                 |                                       |                   |           |
|               |                 |                                       |                   |           |
|               |                 |                                       |                   |           |
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|               |                 |                                       |                   | ······    |
|               |                 |                                       |                   |           |

H:\Forms\ASBESTOS SAMPLING SURVEY LOG.doc

- White Ripe insulation debis on floor (14rd?) - Bldgg - 1A collected FORMER PHOTECH IMAGING SYSTEMS, INC. **BROWNFIELD RESTORATION GROUP, LLC 1000 DRIVING PARK AVENUE** ROCHESTER, NEW YORK ROOF RF-1 3 Fixtures 3 Ratiasts 1 Fight but by RM-1 **ASBESTOS SAMPLING PLAN KATHABAR BUILDING #9** i( 2 TKIM-A.1 TKIM-A.2 E. -Pipe Rall Inside to Remain PERFORMED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1989 S 9/25/2009 **GROUND LEVEL** " DRANN - TO BE LOCATED BY OWNER CONC. TO J - CONCIFL. -()) } 69 12-11,01 TO METAL DOOR LAUM THREEH. MJP-1 FRAME & 3'.8 -С Ш  $(\cdot \cdot$ 

## **GUARD SHACK**

#### **Materials Sampled**

**Black Fire Door Insulation** Black Wall Caulk **Black Expansion Cloth** White Wall Caulk White/Grey 2' x 2' Suspended Ceiling Tile Brown 12" x 12" Floor Tile Brown Floor Tile Mastic

All materials were found to be non-asbestos containing by Polarized Light Microscopy (PLM) Analysis.

Polarized Light Microscopy (PLM) analysis is not consistently reliable in detecting asbestos in nonfriable, organically bound materials such as flooring and mastics, roofing, siding, caulking, glazing, or adhesive materials. Quantitative Transmission Electron Microscopy (TEM) analysis is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. The following materials were not sent for TEM analysis and are to be treated as asbestos containing:

#### MATERIALS TO BE TREATED AS ASBESTOS CONTAINING

#### **GROUND FLOOR**

Floor

ROOF

Roof

Brown 12" x 12" Floor Tile & Mastic Neg by Paradigm 6611-08 Black Roofing Neg - 6611-08 30 square feet Roof comment confirmed ACM 6611-08

20

square feet

\*All quantities are approximations.

\*\*Roof was not accessible for sampling at the time of this survey.



#### 179 Lake Avenue Rochester, New York 716-647-2530 FAX 716-647-3311

#### **Brownfield Restoration Group, LLC Client:**

Former Photech Imaging Systems Location: **Guard Shack** 1000 Driving Park Avenue, Rochester, New York 05/24/1999 Sample Date:

95985 Job Number:

Page Number: 1 of 1

| Client ID | Lab ID | Sampling Location | Description                                             | Asbestos<br>Fibers Type &<br>Percentage | Total<br>Asbestos | T<br>E<br>M | Non-Asbestos<br>Fibers Type &<br>Percentage | Matrix<br>Material<br>% |
|-----------|--------|-------------------|---------------------------------------------------------|-----------------------------------------|-------------------|-------------|---------------------------------------------|-------------------------|
| SCT-1     | 32553  | Guard Shack       | White/Grey Fibrous<br>2' x 2' Suspended Ceiling<br>Tile | None Detected                           | 0%                |             | Cellulose 55%<br>Mineral Wool 20%           | 25%                     |
| FT-1      | 32554  | Guard Shack       | Brown 12" x 12" Floor Tile                              | None Detected                           | 0%                | *           | None Detected                               | 100%                    |
| FTM-1     | 32555  | Guard Shack       | Brown Floor Tile Mastic<br>from Sample 32554            | None Detected                           | 0%                | *           | Cellulose 8%                                | 92%                     |
|           |        |                   | ÷ •                                                     |                                         |                   |             |                                             |                         |
|           |        |                   |                                                         |                                         |                   |             |                                             |                         |
|           |        |                   |                                                         |                                         |                   |             |                                             |                         |
|           |        |                   | • •                                                     |                                         |                   |             |                                             |                         |
|           |        |                   |                                                         |                                         |                   |             |                                             |                         |
|           |        |                   |                                                         |                                         |                   |             |                                             |                         |
|           |        |                   |                                                         |                                         |                   |             |                                             |                         |

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and Quantitating Asbestos in Bulk Samples").

\*Polarized Light Microscopy is not consistently reliable in detecting asbestos in non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. 05/24/1999

Date Analyzed: croscope:

Analyst:

Olympus BH-2 #232953 Patrick Fitzgerald

Laboratory Results Approved By:

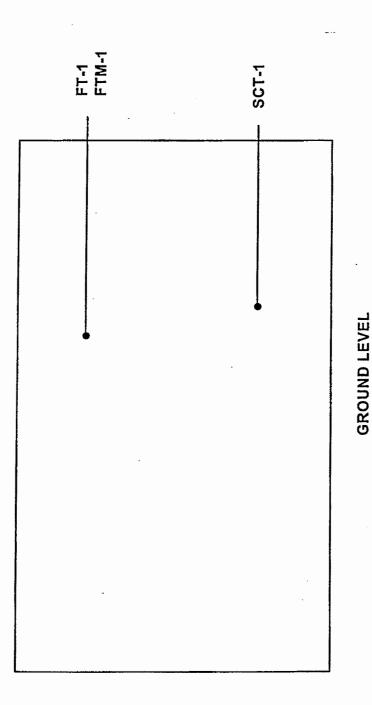
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File ID: Photech.XLS

BROWNFIELD RESTORATION GROUP, LLC FORMER PHOTECH IMAGING SYSTEMS, INC. 1000 DRIVING PARK AVENUE ROCHESTER, NEW YORK

> PREPARED BY PARADIGM ENVIRONMENTAL SERVICES, INC. MAY, 1999

# ASBESTOS SAMPLING PLAN GUARD SHACK





179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

#### ENVIRONMENTAL SERVICES. INC.

## PLM & TEM BULK ASBESTOS REPORT

## Client:

Job No: 6611-08

**City of Rochester** Location: Former Photech Imaging Systems **Guard Shack** Sample Date: 6/10/2008

Page: 1 of 2

|           |        |                        |                                           | PLM                                     | PLM      | N | TEM Asbestos                                   | TEM      | PLM                               | PLM      |
|-----------|--------|------------------------|-------------------------------------------|-----------------------------------------|----------|---|------------------------------------------------|----------|-----------------------------------|----------|
| Clinet ID |        | 0                      | D                                         | Asbestos                                | Total    | 0 | Fibers Type &                                  | Total    | Non-Asbestos                      | Matrix   |
| Client ID |        | Sampling Location      | Description                               | Fibers Type &                           | Asbestos | В | Percentage                                     | Asbestos | Fibers Type &                     | Material |
|           |        |                        |                                           | Percentage                              |          |   |                                                |          | Percentage                        | %        |
| SCT-001   | 38510  | Guard Shack at Ceiling | Gray Fibrous<br>Suspended Ceiling<br>Tile | None Detected                           | 0%       |   | Not Required                                   | N/A      | Mineral Wool 60%<br>Cellulose 30% | 10%      |
| FT1-002   | 38511  | Guard Shack at Floor   | Tan 12"x12" Floor<br>Tile                 | None Detected                           | 0%       | V | <1.0% Residue<br>Remaining TEM<br>not Required | N/A      | None Detected                     | 100%     |
| FTM-003   | 38512  | Guard Shack at Floor   | Brown Floor Tile<br>Mastic                | Inconclusive<br>No Asbestos<br>Detected | 0%       |   | None Detected                                  | <1.0%    | None Detected                     | 100%     |
| TRP-004   | 38513a | Guard Shack at Roof    | Black Tar Paper                           | Inconclusive<br>No Asbestos<br>Detected | 0%       | √ | None Detected                                  | <1.0%    | None Detected                     | 100%     |
| ROF-005   | 38513b |                        | White/Black<br>Fibrous Roofing            | Inconclusive<br>No Asbestos<br>Detected | 0%       |   | None Detected                                  | <1.0%    | Fiberglass 10%                    | 90%      |
| AR-006    | 38513c | Guard Shack at Roof    | Black Tar                                 | Chrysotile 5%                           | 5%       |   | Not Required                                   | N/A      | Fiberglass 2%                     | 93%      |
|           |        |                        |                                           |                                         | а        |   |                                                |          |                                   | -        |
|           |        |                        |                                           |                                         |          |   |                                                |          |                                   |          |
|           |        |                        |                                           |                                         |          |   |                                                |          |                                   |          |
|           |        |                        |                                           |                                         |          |   |                                                |          |                                   |          |

## NVLAD

#### Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/16/2008 Microscope:

Olympus BH-2 #234206 PLM Analyst: B. Weinman

TEM Date Analyzed: 6/17/2008 TEM Analyst: F. Childs

Laboratory Results Approved By:

## **Asbestos Technical Director**

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory ad analysis' and necision) is evaluated and a second second second second second second second second and second

Mary Dohr

| Re: ),27.2006         | Containenzed Materia<br>under regulated conc                                                                                                                                                              | Received By WULL                                                        | Transported to Paradigm By:                                                             | Sampled By: Te | 9      | 8 | 7 | 1 6 TAR- 004 | 15 ROF-005 | <b>4</b> TRP-004     | 3 FTM-003             | Z FT1-002             | 1 SCT-001               | Client ID         | General Location:   | Rochester, NY 14614                                 | City Hall Room 300-B                     | Client Mailing Address:<br>30 Church Street | 145 Lake Avenue,<br>585-454-1060 * | environmental                            |                                            |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------|--------|---|---|--------------|------------|----------------------|-----------------------|-----------------------|-------------------------|-------------------|---------------------|-----------------------------------------------------|------------------------------------------|---------------------------------------------|------------------------------------|------------------------------------------|--------------------------------------------|
| Under per rea knupp   | als attached to this Chair<br>litions. (Danger; May Co                                                                                                                                                    | W Summer                                                                | aradigm By: Ted Knapp                                                                   | Ted Knapp      |        |   |   | 6            |            | 513 A                | 512                   | 511                   | 33510                   | Lab ID            | cation: Guard Shack | 1614                                                | 300-B                                    | dress:                                      | ter, NY 14608<br>5.454.1062        | ENVOY<br>environmental consultants, inc. |                                            |
| Munu (1110)           | Containenzed materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carciunder regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard) | Received By WWW Duman Date: 6/ 11/08 TOTAL NUMBER OF SAMPLES IN SURVEY: | napp Date: 6/10/08                                                                      | Date: 6/10/08  |        |   |   | 4            | ¢          | Guard Shack, at roof | Guard Shack, at floor | Guard Shack, at floor | Guard Shack, at ceiling | Sampling Location | ck                  | Project Location: Former Photech<br>Imaging Systems | Date Sampled: 6/10/08                    | Results To: Ted Knapp                       | Phone Number: 428-6649             | Client: City of Rochester                | CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS |
| (                     | ; a known carcinogen and<br>sease Hazard)                                                                                                                                                                 | TOTAL NUMBER OF SAMPLES IN SURVEY.                                      | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS<br>or provide TEM contact name: Paul Mahoney | CHECK ONE:     |        |   |   |              |            |                      |                       |                       |                         | Do not Analyze    |                     | Project Number:                                     | Material Type/Quantity:<br>Friable X NOB | Turn Around Time:     1   2     3           | Fax Number:                        | Contact: Joseph                          | R PLM ASBES                                |
|                       | should only be h                                                                                                                                                                                          | = SAMPLES II                                                            | ATICALLY PE<br>tact name:                                                               | SURVEY         |        |   | 1 | 4            | Ł          | Black                | Brown                 | Brown                 | Gray                    | Color             |                     | 08/0486                                             | hity:<br>3   X       TEM                 | 5 X Other                                   |                                    | Biondolillo                              | TOS AN                                     |
| PLM                   | andled by trai                                                                                                                                                                                            | V SURVEY:                                                               | ERFORM TEM<br>Paul Mahoney                                                              | ×              |        |   |   |              |            |                      |                       | 12x12                 |                         | Size              |                     | -                                                   | ×                                        |                                             |                                    |                                          | AL YSIS                                    |
| PLMChainEnvoyrev3 4 2 | ned and authorizec                                                                                                                                                                                        |                                                                         | N ON NOBS                                                                               | BULKS ONLY     |        |   |   | THR          | ROF        | TRP                  | FTM                   | FT                    | SCT                     | Material          |                     |                                                     | Logged In By:                            | Date Logged In: 6/11/08                     | Page                               | 10) :# dor                               | OFFICE L                                   |
| 3 4 2. (              |                                                                                                                                                                                                           |                                                                         |                                                                                         |                | 750000 |   |   | R            | ZN         | Non-friable          | Non-friable           | Non-friable           | Friable                 | Friability        | in a start for      | (                                                   |                                          | 80/11/03                                    |                                    | 211-08                                   | OFFICE USE ONLY                            |

## **BULK SAMPLE ASBESTOS** ANALYTICAL REPORT

## LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

### CLIENT: Labella Associates, PC

PROJECT LOCATION. Photech

550

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## ADDRESS: 300 State Street Rochester, NY 14614

55009 LBL JOB #

ELAP # 11184

TEM ELAP # 10920

209288.03 phase 1 LABELLA PROJECT #

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/23/2009

| PROJECT LOCATION:                | ******* |        |             |     |            |    |            |    |                                    |
|----------------------------------|---------|--------|-------------|-----|------------|----|------------|----|------------------------------------|
|                                  |         | method | ASBESTOS    |     | OTHER      |    |            |    |                                    |
| FIELD ID                         | LBL ID  | mei    | ТҮРЕ        | %   | FIBERS     | %  | MATRIX     | %  | COLOR / DESCRIPTION                |
| SILVER TANK-1A                   | 55009-1 | N      | CHRYSOTILE  | 17  | CELLULOSE  | 31 | TAR        | 52 | BLACK TAR & TAR PAPER              |
| SILVER TANK-2A                   | 55009-2 | Т      | ND          |     | CELLULOSE  | 20 | MIN/BINDER | 80 | GRAY SEAM SEALER                   |
| SILVER TANK-2B                   | 55009-3 | T      | ND          |     | CELLULOSE  | 20 | MIN/BINDER | 80 | GRAY SEAM SEALER                   |
| BLDG13-1A                        | 55009-4 | P      | AMOSITE     | 37  | ND         |    | MINERAL    | 63 | WHITE PIPE INSULATION DEBRIS       |
| BLDG13-1B                        | 55009-5 | Т      | ND          |     | CELLULOSE  | 66 | MIN/BINDER | 34 | WHITE/BLACK PIPE INSULATION DEBRIS |
| BLDG16-1A                        | 55009-6 | P      | ND          |     | FIBERGLASS | 19 | MINERAL    | 81 | WHITE MUD PIPE INSULATION          |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             | -   |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
|                                  |         |        |             |     |            |    |            |    |                                    |
| PLM Method EPA 600/M4/82         | /020    | 1      |             | [   | MA .       |    | 0 - 1 4    |    |                                    |
| 1 LAVI IVICUIUU LI A 000/1914/82 | 1020    | La     | b Superviso | or: | That       | A  | mith       |    | Date: <u> </u>                     |

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = TracePLAS - Plaster P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result

G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

### ASBESTOS SAMPLING SURVEY BULK SAMPLE LOG AND CHAIN OF CUSTODY

| Location: PHOTECH             | Client: LBA                       |
|-------------------------------|-----------------------------------|
| Job No.: 209288.03/PHASE I    | Rates:                            |
| PIN/ BIN:                     | Sampled by: <u>Tom Kihn</u> (SRO) |
| Date: 9/23/09                 | Relinquished by: <u>Tom Kihn</u>  |
| LaBella Lab No.: <u>55009</u> | Received by: Matt Smith           |
| · · · · · ·                   | Number of Samples:                |

| 1          | Field<br>ID #             | Sample Location                                 | Type of Suspect ACM<br>to be Analyzed | Approx.<br>Amount                     | Condition                             |
|------------|---------------------------|-------------------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| VOID       | <u>SILVER</u><br>TANK<br> | BENEATH METAL<br>JACKET ON TOP<br>DF FOAM       | BLACK TAR/<br>TAR PAPER               |                                       |                                       |
| dry        | - <u>1</u> A<br>-2B       | BOTTOM OF TANK<br>ON OUTSIDE OF<br>METAL JACKET | RE·INFORCED<br>SEAM SEALER            |                                       |                                       |
| 4,5<br>195 | PLDGH3-<br>IA             | FLOOR IN<br>WARE HOUSE                          | SUSPECT PIPE<br>INSUL DEPRIS          |                                       |                                       |
| 5 Ø<br>195 | BLDG13-<br>1B             |                                                 |                                       |                                       |                                       |
| 67         | <u>BLDG 16-1A</u>         | ON FLOOR UNDER<br>ROOF DRAIN                    | MUD<br>PIPE INSULATION                |                                       | · · · · · · · · · · · · · · · · · · · |
|            |                           |                                                 |                                       | · · · · · · · · · · · · · · · · · · · |                                       |
|            |                           |                                                 |                                       |                                       |                                       |
|            |                           |                                                 |                                       |                                       |                                       |
| (          |                           |                                                 |                                       |                                       |                                       |
|            |                           |                                                 |                                       |                                       | ·                                     |

VANIVODOTVORODINDering Management & SPECTOS SAMADI ING STRVIEV I OG da

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179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

### PLM & TEM BULK ASBESTOS REPORT

**City of Rochester** 

Job No: 6608-08 Page: 1 of 2

Location: Former Photech Imaging Systems Silver Recovery Waste Water Tank 6/10/2008 Sample Date:

|            |        |                   |               | PLM           | PLM      | N | <b>TEM Asbestos</b> | TEM      | PLM            | PLM      |
|------------|--------|-------------------|---------------|---------------|----------|---|---------------------|----------|----------------|----------|
| Olivert ID |        | Compliant Local   | Description   | Asbestos      | Total    |   | Fibers Type &       | Total    | Non-Asbestos   | Matrix   |
| Client ID  | Lab ID | Sampling Location | Description   | Fibers Type & | Asbestos | в |                     | Asbestos | Fibers Type &  | Material |
|            |        |                   |               | Percentage    |          |   | -                   |          | Percentage     | %        |
| MAS-001    | 38502  | Bottom Under Foam | Brown Mastic  | Inconclusive  | 0%       |   | None Detected       | <1.0%    | None Detected  | 100%     |
|            |        |                   |               | No Asbestos   |          |   |                     |          |                |          |
|            |        |                   |               | Detected      |          | ' |                     |          |                |          |
| CAN-002    | 38503  | Bottom of Tank    | White Fibrous | Inconclusive  | 0%       |   | None Detected       | <1.0%    | Fiberglass 40% | 60%      |
|            |        |                   | Canvas Cloth  | No Asbestos   |          |   |                     |          |                |          |
|            |        |                   |               | Detected      |          | 1 |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |
|            |        |                   |               |               |          |   |                     |          |                |          |

# NVLAP

#### Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 6/13/2008 Microscope: Olympus BH-2 #233173 PLM Analyst: F. Childs

| TEM Date Analyzed: | 6/16/2008 |
|--------------------|-----------|
| TEM Analyst:       | F. Childs |

Laboratory Results Approved By: Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request. 경기 방법 도망 문제 전 방법을 통하는 것은 것을 위해 가지 않는 것을 다 가지 않는 것을 들었다.

6608-08.xis 6/16/2008

| ( | OFFICE USE ONLY                            |                              | Job #: (0(00%-0%                | Page                                                                    | Date Looded In: / 2 / 1/6 9 |                          |                                                        |                                  | Material Friability | MAS Non-Friable    | CAN Non-Friable |  |  |  |            |                 | M ON NOBS                                  | ЭУ                           |                                    | Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel<br>Cancer and Lung Disease Hazard) |          | PLMChainEnvoyrev3 4 25 08.xls |
|---|--------------------------------------------|------------------------------|---------------------------------|-------------------------------------------------------------------------|-----------------------------|--------------------------|--------------------------------------------------------|----------------------------------|---------------------|--------------------|-----------------|--|--|--|------------|-----------------|--------------------------------------------|------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------|
|   | IAL YSIS                                   |                              |                                 |                                                                         | Other                       | >                        | <                                                      |                                  | Síze                |                    |                 |  |  |  |            |                 | ERFORM TEI                                 | Paul Mahoney                 | IN SURVEY:                         | handled by trai                                                                                                                            |          | PLM                           |
|   | TOS AN                                     | Joseph Biondolillo           |                                 |                                                                         | 5 X Ott                     |                          | 08/04                                                  |                                  | Color               | Brown              | White           |  |  |  | SURVEY     |                 | A TICALLY PI                               | tact name:                   | SAMPLES                            | should only be                                                                                                                             |          |                               |
|   | PLM ASBES                                  | ntact: Joseph I              |                                 | Fax Number:                                                             | Turn Around Time:           | ype/Q                    | 1                                                      |                                  | Do not Analyze      |                    |                 |  |  |  | CHECK ONE: |                 | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS | or provide TEM contact name: | TOTAL NUMBER OF SAMPLES IN SURVEY: | own carcinogen and :<br>• Hazard)                                                                                                          |          |                               |
| ( | CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS | Client: City of Rochester Co |                                 | 6                                                                       | Results To: Ted Knapp Tu    | Date Sampled: 6/10/08 Mé | Project Location: Former Photech PI<br>Imaging Systems | Silver Recovery Waste Water Tank | Sampling Location   | Bottom, under foam | Bottom, of tank |  |  |  |            | Date: 6/10/08   | 5                                          | Ted Knapp Date: 6/10/08 or   | ) Date: [c/1,/1,8                  | of Custody may contain<br>tain Asbestos Fibers.                                                                                            |          |                               |
|   |                                            | ΟY                           | nsultants, inc.                 | chester, NY 14608<br>x 585-454.1062                                     | ISS;                        | п. в                     | 4                                                      |                                  | Lab ID              | 38502              | 503             |  |  |  |            | Ted Knapp       |                                            |                              | 292                                | attached to this Cha                                                                                                                       |          | 96                            |
|   | •<br>•                                     | ENVOY                        | environmental consultants, inc. | 145 Lake Avenue, Rochester, NY 14608<br>585.454.1060 * Fax 585.454.1062 | Cient Mailing Address:      | itv Hall Room 300-B      | Pochester, NY 14614                                    | General Location:                | Client ID           | MAS-001            | CAN-002         |  |  |  |            | Simpled By: Ted | Sector 11                                  | i ansported to Paradigm By:  | Received By:                       | Containenized materials                                                                                                                    | <b>)</b> | Rev. 1 0.27.2006              |

# **BUILDING #14 – EXTERIOR TANKS**

# NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND IN THIS AREA.

# EXTERIOR PIPE

| Underground  | From Power Plant to Building 11) AND UNDER B-7 |     | linear feet |
|--------------|------------------------------------------------|-----|-------------|
| Above Ground | White Pipe Insulation                          | 160 | linear feet |

\*All quantities are approximations.

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### UTILITY TUNNEL \*I <u>TUNNEL BETWEEN BUILDINGS 5 AND 2</u>

Tunnel

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White Pipe Insulation Black Pipe Wrap 220linear feet280linear feet

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\*All quantities are approximations.

PERSONNEL TUNNEL # <u>TUNNEL BETWEEN BUILDINGS 2, 11, AND 1</u>

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NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND IN THIS AREA.

:

# PERSONNEL TUNNEL TUNNEL TUNNEL BETWEEN BUILDINGS 16 & 17

## NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND IN THIS AREA.

| Building               | g 1             | Roof                         | 3,608     | (sq/ft) |                                        |
|------------------------|-----------------|------------------------------|-----------|---------|----------------------------------------|
| Layer                  | Sample #        | Composition                  | Thickness | Status  | Asbestos Type & %                      |
| 1st Layer (top)        |                 | Rubber                       | 1/16"     | Status  | Asbestos Type & 70                     |
| 2nd Layer              |                 | Foam Board                   | 3"        |         |                                        |
| 3rd Layer              |                 | Touin Dourd                  |           |         |                                        |
| 4th Layer              |                 |                              |           |         | [                                      |
| 5th Layer              |                 |                              |           |         |                                        |
| 6th Layer (bottom)     |                 |                              |           |         |                                        |
| Flashing               |                 | Rubber                       | 1/16"     |         |                                        |
| Deck                   |                 | Cement                       | 1/10      |         |                                        |
|                        |                 | Approx. Roof thickness total | 3 1/8"    |         |                                        |
| * Amount included in I | Roofing Totals. | πρρίολ. Νούς επικήτεςς τοταί | 51/0      |         |                                        |
| Building               | τ <b>2</b>      | Roof                         | 1 526     | (cg/ft) |                                        |
| Dunume                 | 5 <u>4</u>      |                              | 1,536     | (sq/ft) |                                        |
| Layer                  | Sample #        | Composition                  | Thickness | Status  | Asbestos Type & %                      |
| 1st Layer (top)        | 009             | Tar Paper                    | 1/2"      |         |                                        |
| 2nd Layer              | 009A            | Insulation                   | 1 1/4"    |         |                                        |
| 3rd Layer              | 009B            | Tar                          | 1/4"      |         |                                        |
| 4th Layer              |                 |                              |           | ·····   |                                        |
| 5th Layer              |                 |                              |           |         |                                        |
| 6th Layer (bottom)     |                 |                              |           |         |                                        |
| Flashing               | 010             | Tar Paper                    | 1/2"      |         | Chrysotile 23%                         |
| Deck                   |                 | Cement                       |           |         |                                        |
| * Amount included in F | Poofing Totals  | Approx. Roof thickness total | 2 1/2"    |         |                                        |
|                        | tooning rotais. |                              |           |         | 44/                                    |
| Building               | 2               | Roof                         | 1,536     | (sq/ft) |                                        |
| Layer                  | Sample #        | Composition                  | Thickness | Status  | Asbestos Type & %                      |
| 1st Layer (top)        | 011             | Tar Paper                    | 1/2"      |         |                                        |
| 2nd Layer              | 011A            | Insulation                   | 11/4"     |         |                                        |
| 3rd Layer              | 001B            | Tar                          | 1/4"      |         |                                        |
| 4th Layer              |                 |                              |           |         | ······································ |
| 5th Layer              |                 |                              |           |         |                                        |
| 6th Layer (bottom)     |                 |                              |           |         |                                        |
| Flashing               | 012             | Tar Paper                    | 1/2"      |         | Chrysotile 15%                         |
| Deck                   |                 | Cement                       |           |         | 011 930 110 13 /0                      |
|                        |                 | Approx. Roof thickness total | 2 1/2"    |         |                                        |
| * Amount included in R | oofing Totals.  |                              | 2 1/2     |         |                                        |

| Buildin                | g 3                                           | Roof                                   |           | (sq/ft) |                                        |  |  |  |
|------------------------|-----------------------------------------------|----------------------------------------|-----------|---------|----------------------------------------|--|--|--|
| Layer                  | Sample #                                      | Composition                            | Thickness | Status  | Asbestos Type & %                      |  |  |  |
| 1st Layer (top)        |                                               | Tar                                    | Interness | Status  | Asbestos Type & %                      |  |  |  |
| 2nd Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 3rd Layer              | 1                                             | ······································ |           |         |                                        |  |  |  |
| 4th Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 5th Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 6th Layer (bottom)     | <u>                                      </u> |                                        |           |         |                                        |  |  |  |
| Flashing               |                                               | Tar Paper                              |           |         |                                        |  |  |  |
| Deck                   | 1                                             | Gypsum                                 |           |         |                                        |  |  |  |
| · · ·                  |                                               | Approx. Roof thickness tot             | al        |         |                                        |  |  |  |
| * Amount included in I | Roofing Totals.                               |                                        |           |         |                                        |  |  |  |
| Building               | g 4                                           | Roof                                   | 1,200     | (sq/ft) |                                        |  |  |  |
| Layer                  | Sample #                                      | Composition                            | Thickness | Status  | Asbestos Type & %                      |  |  |  |
| 1st Layer (top)        | 039                                           | Tar                                    | 1/2"      |         | <u></u>                                |  |  |  |
| 2nd Layer              |                                               |                                        |           |         | ************************************** |  |  |  |
| 3rd Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 4th Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 5th Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 6th Layer (bottom)     |                                               |                                        |           |         |                                        |  |  |  |
| Flashing               | 040                                           | Tar Paper                              | 1/4"      |         |                                        |  |  |  |
| Deck                   |                                               | Gypsum                                 |           |         |                                        |  |  |  |
|                        | ······                                        | Approx. Roof thickness tota            | al 3/4"   |         |                                        |  |  |  |
| * Amount included in F | Roofing Totals.                               |                                        |           |         |                                        |  |  |  |
| Building               | 4                                             | Roof                                   | 1,200     | (sq/ft) |                                        |  |  |  |
|                        |                                               |                                        |           | (34/10) |                                        |  |  |  |
| Layer                  | Sample #                                      | Composition                            | Thickness | Status  | Asbestos Type & %                      |  |  |  |
| 1st Layer (top)        | 041                                           | Tar                                    | 1/2"      |         |                                        |  |  |  |
| 2nd Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 3rd Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 4th Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 5th Layer              |                                               |                                        |           |         |                                        |  |  |  |
| 6th Layer (bottom)     |                                               |                                        |           |         |                                        |  |  |  |
| Flashing               | 042                                           | Tar Paper                              | 1/4"      |         |                                        |  |  |  |
| Deck                   |                                               | Gypsum                                 |           |         |                                        |  |  |  |
| * Amount included in D |                                               | Approx. Roof thickness tota            | al 3/4"   |         |                                        |  |  |  |
| * Amount included in R | ooning Totals.                                |                                        |           |         |                                        |  |  |  |

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| Building               | z 5             | Roof                         | 1,750      | (sq/ft)                                           |                                       |
|------------------------|-----------------|------------------------------|------------|---------------------------------------------------|---------------------------------------|
| Layer                  | Sample #        | Composition                  | Thickness  | Status                                            | Asbestos Type & %                     |
| 1st Layer (top)        | 035             | Tar                          | 1/4"       | Juius                                             | Asbestos Type & 70                    |
| 2nd Layer              | 035A            | Tar                          | 1/4"       |                                                   |                                       |
| 3rd Layer              | 035B            | Tar                          | 1/2"       |                                                   |                                       |
| 4th Layer              |                 |                              | ±/ =       |                                                   |                                       |
| 5th Layer              | <u> </u>        |                              |            | , <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del> |                                       |
| 6th Layer (bottom)     | 1               |                              |            |                                                   |                                       |
| Flashing               | 036             | Tar Paper                    | 1/2"       |                                                   | Chrysotile 17%                        |
| Deck                   |                 | Cement                       | 1/-        |                                                   | dirybotic 1770                        |
|                        | A               | Approx. Roof thickness total | 1 1/2 "    | · · · · · · · · · · · · · · · · · · ·             | · · · · · · · · · · · · · · · · · · · |
| * Amount included in F | Roofing Totals. | hpprox nooj onomeoz te ta    | <u> </u>   | ſ                                                 |                                       |
| Devilding              |                 |                              | 4 550      | <u> </u>                                          |                                       |
| Building               | <u>; 5</u>      | Roof                         | 1,750      | (sq/ft)                                           |                                       |
| Layer                  | Sample #        | Composition                  | Thickness  | Status                                            | Ashastas Tuna & 84                    |
| 1st Layer (top)        | 037             | Tar                          | 1/4"       | Status                                            | Asbestos Type & %                     |
| 2nd Layer              | 037A            | Tar                          |            |                                                   |                                       |
| 3rd Layer              | 037A<br>037B    |                              | 1/4"       |                                                   |                                       |
| 4th Layer              | 03/6            | Tar                          | 1/2"       |                                                   |                                       |
| 5th Layer              |                 |                              |            |                                                   |                                       |
| 6th Layer (bottom)     |                 |                              |            |                                                   |                                       |
|                        | 020             | Tour Down ou                 | 1 /01      |                                                   | 0]                                    |
| Flashing               | 038             | Tar Paper                    | 1/2"       |                                                   | Chrysotile 18%                        |
| Deck                   |                 | Cement                       | 1.1.(2)    |                                                   |                                       |
| * Amount included in R | loofing Totals. | Approx. Roof thickness total | 1 1/2"     |                                                   |                                       |
| Building               | 6               | Roof                         | 280        | (sq/ft)                                           |                                       |
| Dunung                 | 0               |                              | 200        | (sy/ic)                                           |                                       |
| Layer                  | Sample #        | Composition                  | Thislenges | Status                                            | Ashastas Tura & 0/                    |
| 1st Layer (top)        | Sample #        |                              | Thickness  | Status                                            | Asbestos Type & %                     |
| 2nd Layer              |                 | Tar Paper                    | 1/4"       |                                                   |                                       |
|                        |                 | Tar Paper                    | 1/4"       |                                                   |                                       |
| 3rd Layer              |                 | Tar Paper                    | 1/2"       |                                                   |                                       |
| 4th Layer              |                 |                              |            |                                                   |                                       |
| 5th Layer              |                 |                              |            |                                                   |                                       |
| 6th Layer (bottom)     |                 |                              |            |                                                   |                                       |
| Flashing               |                 | Tar Paper                    | 1/2"       |                                                   |                                       |
| Deck                   | <u> </u>        | Cement                       |            |                                                   | L                                     |
|                        |                 | Approx. Roof thickness total | 1 1/2"     |                                                   |                                       |
| * Amount included in R | oofing Totals.  |                              |            |                                                   |                                       |

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| Building                                                                                                                   | z 7                      | Roof                                                           | 1,908                                                  | (sq/ft)           |                   |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------|--------------------------------------------------------|-------------------|-------------------|
| Layer                                                                                                                      | Sample #                 | Composition                                                    | Thickness                                              | Status            | Asbestos Type & % |
| 1st Layer (top)                                                                                                            | 025                      | Tar Paper                                                      | 1/8"                                                   |                   |                   |
| 2nd Layer                                                                                                                  | 025A                     | Tar Paper                                                      | 1/8"                                                   |                   |                   |
| 3rd Layer                                                                                                                  |                          | Insulation                                                     | 1"                                                     |                   |                   |
| 4th Layer                                                                                                                  | 025B                     | Tar                                                            | 3/4"                                                   |                   |                   |
| 5th Layer                                                                                                                  |                          |                                                                | 1/2"                                                   |                   |                   |
| 6th Layer (bottom)                                                                                                         | 025C                     | Tar                                                            | 1/8"                                                   |                   |                   |
| Flashing                                                                                                                   | 026                      | Tar Paper                                                      | 1/4"                                                   |                   | Chrysotile 39%    |
| Deck                                                                                                                       |                          | Metal                                                          |                                                        |                   |                   |
|                                                                                                                            |                          | Approx. Roof thickness total                                   | 2 7/8"                                                 |                   | L.,               |
| Amount included in                                                                                                         | Roofing Totals.          |                                                                |                                                        |                   |                   |
| Building                                                                                                                   | ş 7                      | Roof                                                           | 1,908                                                  | (sq/ft)           |                   |
| Layer                                                                                                                      | Sample #                 | Composition                                                    | Thickness                                              | Status            | Asbestos Type & % |
| 1st Layer (top)                                                                                                            | 027                      | Tar Paper                                                      | 1/8"                                                   | otactao           |                   |
| 2nd Layer                                                                                                                  | 027A                     | Tar Paper                                                      | 1/8"                                                   |                   |                   |
| 3rd Layer                                                                                                                  |                          | Insulation                                                     | 1"                                                     |                   |                   |
| 4th Layer                                                                                                                  | 027B                     | Tar                                                            | 3/4"                                                   |                   |                   |
| 5th Layer                                                                                                                  |                          |                                                                | 1/2"                                                   |                   |                   |
| 6th Layer (bottom)                                                                                                         | 027C                     | Tar                                                            | 1/2                                                    |                   |                   |
| Flashing                                                                                                                   | 028                      | Tar Paper                                                      | 1/4"                                                   |                   | Chrysotile 38%    |
| Deck                                                                                                                       |                          | Metal                                                          | 1/1                                                    |                   | Cirry Socie 50 70 |
| 2001                                                                                                                       |                          | Approx. Roof thickness total                                   | 2.875"                                                 |                   |                   |
| Amount included in I                                                                                                       | Roofing Totals.          |                                                                |                                                        |                   |                   |
| Amount included in r                                                                                                       | U                        |                                                                |                                                        |                   |                   |
| Building                                                                                                                   |                          | Roof                                                           | 144                                                    | (sq/ft)           |                   |
| Building<br>Layer                                                                                                          | g 8<br>Sample #          | Composition                                                    | Thickness                                              | (sq/ft)<br>Status | Asbestos Type & % |
| Building<br>Layer<br>1st Layer (top)                                                                                       | g 8                      |                                                                | Thickness                                              |                   | Asbestos Type & % |
| Building<br>Layer                                                                                                          | g 8<br>Sample #          | Composition                                                    | Thickness<br>1/4"<br>3/4"                              |                   | Asbestos Type & % |
| Building<br>Layer<br>1st Layer (top)                                                                                       | g 8<br>Sample #          | Composition<br>Tar                                             | Thickness                                              |                   | Asbestos Type & % |
| Building<br>Layer<br>1st Layer (top)<br>2nd Layer<br>3rd Layer<br>4th Layer                                                | <b>Sample #</b>          | <b>Composition</b><br>Tar<br>Fiber Board                       | Thickness<br>1/4"<br>3/4"                              |                   | Asbestos Type & % |
| Building<br>Layer<br>1st Layer (top)<br>2nd Layer<br>3rd Layer                                                             | <b>Sample #</b>          | <b>Composition</b><br>Tar<br>Fiber Board<br>Tar                | Thickness           1/4"           3/4"           1/8" |                   | Asbestos Type & % |
| Building<br>Layer<br>1st Layer (top)<br>2nd Layer<br>3rd Layer<br>4th Layer                                                | <b>Sample #</b>          | <b>Composition</b><br>Tar<br>Fiber Board<br>Tar                | Thickness           1/4"           3/4"           1/8" |                   | Asbestos Type & % |
| Building<br>Layer<br>1st Layer (top)<br>2nd Layer<br>3rd Layer<br>4th Layer<br>5th Layer                                   | <b>Sample #</b>          | <b>Composition</b><br>Tar<br>Fiber Board<br>Tar                | Thickness<br>1/4"<br>3/4"<br>1/8"<br>3/4"              |                   |                   |
| Building<br>Layer<br>1st Layer (top)<br>2nd Layer<br>3rd Layer<br>4th Layer<br>5th Layer<br>6th Layer (bottom)             | <b>Sample #</b> 013 013A | Composition<br>Tar<br>Fiber Board<br>Tar<br>Fiber Board        | Thickness           1/4"           3/4"           1/8" |                   | Asbestos Type & % |
| Building<br>Layer<br>1st Layer (top)<br>2nd Layer<br>3rd Layer<br>4th Layer<br>5th Layer<br>6th Layer (bottom)<br>Flashing | <b>Sample #</b> 013 013A | Composition<br>Tar<br>Fiber Board<br>Tar<br>Fiber Board<br>Tar | Thickness<br>1/4"<br>3/4"<br>1/8"<br>3/4"              |                   |                   |

| Building                         | g 8             | Roof                         | 144        | (sq/ft) |                                       |
|----------------------------------|-----------------|------------------------------|------------|---------|---------------------------------------|
| Layer                            | Sample #        | Composition                  | Thickness  | Status  | Asbestos Type & %                     |
| 1st Layer (top)                  | 015             | Tar                          | 1/4"       |         |                                       |
| 2nd Layer                        |                 | Fiber Board                  | 3/4"       |         |                                       |
| 3rd Layer                        | 015A            | Tar                          | 1/8"       |         |                                       |
| 4th Layer                        |                 | Fiber Board                  | 3/4"       |         |                                       |
| 5th Layer                        |                 |                              |            |         |                                       |
| 6th Layer (bottom)               |                 |                              |            |         |                                       |
| Flashing                         | 016             | Tar                          | 1/4"       |         | Chrysotile 10%                        |
| Deck                             |                 | Menter                       | ·····      |         |                                       |
|                                  | 1               | Approx. Roof thickness total | 2 1/8"     |         | · · · · · · · · · · · · · · · · · · · |
| Amount included in F<br>Building |                 | Roof                         | 280        | (sq/ft) |                                       |
|                                  |                 | Composition                  | Thislerson |         | Ashastas Type & 0/                    |
| Layer                            | Sample #        | Composition                  | Thickness  | Status  | Asbestos Type & %                     |
| 1st Layer (top)                  | 017             | Tar Paper                    | 1/4"       |         |                                       |
| 2nd Layer                        | 017A            | Tar Paper                    | 1/4"       |         |                                       |
| 3rd Layer                        | 017B            | Tar Paper                    | 1/8"       |         |                                       |
| 4th Layer                        |                 | ISO Board                    | 2"         |         |                                       |
| 5th Layer                        |                 |                              |            |         |                                       |
| 6th Layer (bottom)               |                 |                              |            |         |                                       |
| Flashing                         | 018             | Tar Paper                    | 1/4"       |         | Chrysotile 21%                        |
| Deck                             |                 | Metal                        |            |         |                                       |
| Amount included in F<br>Building |                 | Approx. Roof thickness total | 2 7/8"     | (sq/ft) |                                       |
|                                  |                 |                              |            |         | A -lt Tom - 0.0                       |
| Layer                            | Sample #        | Composition                  | Thickness  | Status  | Asbestos Type & %                     |
| 1st Layer (top)                  | 019             | Tar Paper                    | 1/4"       |         |                                       |
| 2nd Layer                        | 019A            | Tar Paper                    | 1/4"       |         |                                       |
| 3rd Layer                        | 019B            | Tar Paper                    | 1/8"       |         |                                       |
| 4th Layer                        |                 | ISO Board                    | 2"         |         |                                       |
| 5th Layer                        |                 |                              |            |         |                                       |
| 6th Layer (bottom)               |                 |                              |            |         |                                       |
| Flashing                         | 020             | Tar Paper                    | 1/4"       |         | Chrysotile 16%                        |
| Deck                             |                 | Metal                        |            |         |                                       |
|                                  |                 | Approx. Roof thickness total | 2 7/8"     |         |                                       |
| Amount included in R             | loofing Totals. |                              |            |         |                                       |

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| Building               | ;10             | Roof                         | 360       | (sq/ft)  |                    |
|------------------------|-----------------|------------------------------|-----------|----------|--------------------|
| Layer                  | Sample #        | Composition                  | Thickness | Status   | Asbestos Type & %  |
| 1st Layer (top)        | 021             | Tar Paper                    | 1/4"      | Butus    |                    |
| 2nd Layer              |                 | Fiber Board                  | 1/1       | <u></u>  |                    |
| 3rd Layer              | 021A            | Tar                          | 1/4"      |          |                    |
| 4th Layer              |                 |                              |           |          |                    |
| 5th Layer              |                 |                              |           |          |                    |
| 6th Layer (bottom)     | 1               |                              |           |          |                    |
| Flashing               | 022             | Tar Paper                    | 1/4"      |          |                    |
| Deck                   |                 | Metal                        |           |          |                    |
|                        |                 | Approx. Roof thickness total | 1 3/4"    |          | L                  |
| * Amount included in I | Roofing Totals. |                              |           |          |                    |
| Builing                | 10              | Roof                         | 360       | (sq/ft)  |                    |
| Layer                  | Sample #        | Composition                  | Thickness | Status   | Asbestos Type & %  |
| 1st Layer (top)        | 023             | Tar Paper                    | 1/4"      | Duitub   | nobelico Type a 70 |
| 2nd Layer              |                 | Fiber Board                  |           |          |                    |
| 3rd Layer              | 023A            | Tar                          | 1/4"      |          |                    |
| 4th Layer              |                 |                              |           |          |                    |
| 5th Layer              |                 |                              |           |          |                    |
| 6th Layer (bottom)     |                 |                              |           |          |                    |
| Flashing               | 024             | Tar Paper                    | 1/4"      |          |                    |
| Deck                   |                 | Metal                        |           | <u> </u> |                    |
|                        | I               | Approx. Roof thickness total | 1 3/4"    |          |                    |
| * Amount included in F | Roofing Totals. |                              | 13/4      |          |                    |
|                        |                 |                              |           |          |                    |
| Building               | 11              | Roof                         | 2,754     | (sq/ft)  |                    |
| Layer                  | Sample #        | Composition                  | Thickness | Status   | Asbestos Type & %  |
| 1st Layer (top)        |                 | Rocks                        | 1/2"      |          |                    |
| 2nd Layer              | 001             | Tar Paper                    | 1/4"      |          |                    |
| 3rd Layer              | 001A            | Tar Paper                    | 1/4"      |          |                    |
| 4th Layer              | 001B            | Tar Paper                    | 1/4"      |          |                    |
| 5th Layer              | 001C            | Fiber Board                  | 1/2"      |          |                    |
| 6th Layer (bottom)     | 001D            | Tar                          | 1/4"      |          |                    |
| Flashing               | 002             | Tar Paper                    | 1/2"      |          | Chrysotile 11%     |
| Deck                   |                 | Cement                       |           |          |                    |
|                        |                 | Approx. Roof thickness total | 2 1/2"    |          |                    |
| * Amount included in R | loofing Totals. |                              |           |          |                    |

| Building                               | 11              | Roof                         | 2,754             | (sq/ft)  |                                        |
|----------------------------------------|-----------------|------------------------------|-------------------|----------|----------------------------------------|
| Layer                                  | Sample #        | Composition                  | Thickness         | Status   | Asbestos Type & %                      |
| 1st Layer (top)                        |                 | Rocks                        | 1/2"              | <u> </u> | libbestee Type a /                     |
| 2nd Layer                              | 003             | Tar Paper                    | 1/4"              |          |                                        |
| 3rd Layer                              | 003A            | Tar Paper                    | 1/4"              |          |                                        |
| 4th Layer                              | 003B            | Tar Paper                    | 1/4"              |          |                                        |
| 5th Layer                              | 003C            | Fiber Board                  | 1/2"              |          |                                        |
| 6th Layer (bottom)                     | 003C            | Tar                          | 1/4"              |          |                                        |
| Flashing                               | 004             | Tar Paper                    | 1/2"              | ·        | Chrysotile 11%                         |
| Deck                                   |                 | Cement                       |                   |          | GHTySOULE 1170                         |
| ······································ | I I             | Approx. Roof thickness total | 2 1/2"            |          | L                                      |
| <sup>•</sup> Amount included in F      | Roofing Totals. |                              |                   |          |                                        |
| Building                               | 12              | Roof                         | 16,500            | (sq/ft)  |                                        |
|                                        |                 |                              |                   |          |                                        |
| Layer                                  | Sample #        | Composition                  | Thickness         | Status   | Asbestos Type & %                      |
| 1st Layer (top)                        | 031             | Tar                          |                   |          | ,                                      |
| 2nd Layer                              |                 | ISO Board                    | <u>1/2"</u><br>1" |          |                                        |
| 3rd Layer                              | 031A            | Tar                          | 1/8"              |          |                                        |
| 4th Layer                              |                 | ISO Board                    | 1/4"              |          |                                        |
| 5th Layer                              | 031B            | Tar                          | 1/8"              |          |                                        |
| 6th Layer (bottom)                     |                 |                              |                   |          | ······································ |
| Flashing                               | 032             | Tar Paper                    | 1/4"              |          | Chrysotile 18%                         |
| Deck                                   |                 | Gypsum                       |                   |          | dii joo iio 1070                       |
| Amount included in R                   | oofing Totals.  | Approx. Roof thickness total | 2 1/4"            |          |                                        |
| Building                               | 12              | Roof                         | 16,500            | (sq/ft)  |                                        |
| Layer                                  | Sample #        | Composition                  | Thickness         | Status   | Asbestos Type & %                      |
| 1st Layer (top)                        | 033             | Tar                          | 1/2"              |          |                                        |
| 2nd Layer                              |                 | ISO Board                    | 1"                |          |                                        |
| 3rd Layer                              | 033A            | Tar                          | 1/8"              |          |                                        |
| 4th Layer                              |                 | ISO Board                    | 1/4"              |          |                                        |
| 5th Layer                              | 033B            | Tar                          | 1/8"              |          |                                        |
| 6th Layer (bottom)                     |                 |                              |                   |          |                                        |
| Flashing                               | 034             | Tar Paper                    | 1/4"              |          | Chrysotile 17%                         |
| Deck                                   |                 | Gypsum                       |                   |          |                                        |
| Amount included in R                   | oofing Totals.  | Approx. Roof thickness total | 2 1/4"            |          |                                        |

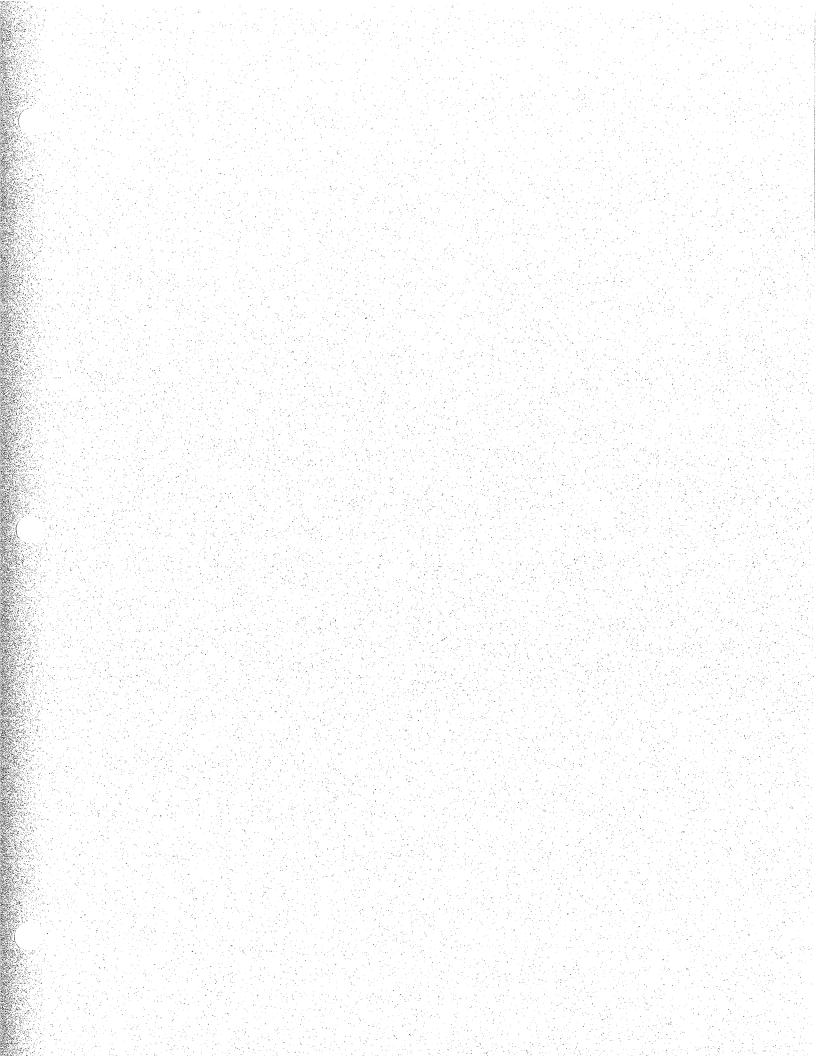
| Building                                                  | 13                                      | Roof                         |           | (sq/ft)                                |                   |
|-----------------------------------------------------------|-----------------------------------------|------------------------------|-----------|----------------------------------------|-------------------|
| Layer                                                     | Sample #                                | Composition                  | Thickness | Status                                 | Asbestos Type & % |
| 1st Layer (top)                                           | T I I I I I I I I I I I I I I I I I I I | Rubber                       | 1/4"      |                                        |                   |
| 2nd Layer                                                 |                                         | ISO Board                    | 1 1/2"    |                                        |                   |
| 3rd Layer                                                 | 029                                     | Tar Paper                    | 1/4"      | ······                                 |                   |
| 4th Layer                                                 |                                         | Fiber Board                  | 1"        |                                        |                   |
| 5th Layer                                                 | 029A                                    | Tar Paper                    | 1/4"      |                                        |                   |
| 6th Layer (bottom)                                        |                                         |                              |           |                                        |                   |
| Flashing                                                  |                                         | None                         |           |                                        |                   |
| Deck                                                      | <u> </u>                                | Gypsum                       |           |                                        |                   |
|                                                           | 1 I                                     | Approx. Roof thickness total | 3 1/4     |                                        | 1                 |
| Amount included in 1<br>Building                          | -<br>                                   | Roof                         |           | (sq/ft)                                |                   |
| Layer                                                     | Sample #                                | Composition                  | Thickness | Status                                 | Asbestos Type & % |
| 1st Layer (top)                                           | · · · · · · · · · · · · · · · · · · ·   | Rubber                       | 1/4"      |                                        |                   |
| 2nd Layer                                                 |                                         | ISO Board                    | 1 1/2"    |                                        |                   |
| 3rd Layer                                                 | 030                                     | Tar Paper                    | 1/4"      |                                        |                   |
| 4th Layer                                                 |                                         | Fiber Board                  | <u>1"</u> |                                        | ······            |
| 5th Layer                                                 | 03A                                     | Tar Paper                    | 1/4"      |                                        |                   |
| 6th Layer (bottom)                                        |                                         |                              |           |                                        |                   |
| Flashing                                                  |                                         | None                         |           |                                        |                   |
| Deck                                                      |                                         | Gypsum                       |           |                                        |                   |
| Amount included in I                                      | Roofing Totals.                         | Approx. Roof thickness total | 3 1/4     |                                        |                   |
| Building                                                  | 16                                      | Roof                         | 4,112     | (sq/ft)                                | <u></u>           |
| Layer                                                     | Sample #                                | Composition                  | Thickness | Status                                 | ۸sbestos Type & ۹ |
| 1st Layer (top)                                           | 005                                     | Tar Paper                    | 1/4"      | ······································ |                   |
| 0                                                         |                                         | Stick Rock                   | 1 1/2"    |                                        |                   |
| 2nd Layer                                                 |                                         |                              | 1/16"     |                                        |                   |
| 3rd Layer                                                 |                                         | Plastic                      | 1/10      |                                        |                   |
|                                                           | 005A                                    | Gypsum                       |           |                                        |                   |
| 3rd Layer                                                 | 005A                                    |                              | 1 1/2"    |                                        |                   |
| 3rd Layer<br>4th Layer<br>5th Layer                       | 005A                                    |                              |           |                                        |                   |
| 3rd Layer<br>4th Layer<br>5th Layer                       | 005A                                    | Gypsum                       | 1 1/2"    |                                        | Chrysotile 19%    |
| 3rd Layer<br>4th Layer<br>5th Layer<br>6th Layer (bottom) |                                         |                              |           |                                        | Chrysotile 19%    |

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| Building               | 16              | Roof                         | 4, 112    | (sq/ft) |                                       |
|------------------------|-----------------|------------------------------|-----------|---------|---------------------------------------|
| Layer                  | Sample #        | Composition                  | Thickness | Status  | Achastas Tyma 8 0/                    |
| 1st Layer (top)        | 007             | Tar Paper                    | 1/4"      | Status  | Asbestos Type & %                     |
| 2nd Layer              |                 | Stick Rock                   | 1/4       |         |                                       |
| 3rd Layer              |                 | Plastic                      | 1/16"     |         |                                       |
| 4th Layer              | 007A            | Gypsum                       | 1/10      |         |                                       |
| 5th Layer              |                 | dypsum                       | 11/2      |         |                                       |
| 6th Layer (bottom)     |                 |                              |           |         |                                       |
| Flashing               | 008             | Tar Paper                    | 1/2"      |         | Chrysotile 7.3%                       |
| Deck                   | 000             | Cement                       | 1/2       |         | Chrysothe 7.5%                        |
|                        | <u> </u>        | Approx. Roof thickness total | 3.7/8"    |         |                                       |
| * Amount included in I | Roofing Totals. |                              | 0.170     | I       |                                       |
| Building               | 17              | Roof                         | 360       | (sq/ft) |                                       |
| Layer                  | Sample #        | Commonistion                 |           |         | A - 1                                 |
| 1st Layer (top)        | Sample #        | Composition<br>Rubber        | Thickness | Status  | Asbestos Type & %                     |
| 2nd Layer              |                 |                              | 1/8"      |         | · · · · · · · · · · · · · · · · · · · |
| 3rd Layer              |                 | ISO Board                    | 2 1/2"    |         |                                       |
| 4th Layer              |                 | Tar                          |           |         |                                       |
| 5th Layer              |                 |                              |           |         |                                       |
| 6th Layer (bottom)     |                 |                              |           |         |                                       |
| f Flashing             |                 | Nerra                        |           |         |                                       |
| Deck                   |                 | None<br>Metal                |           |         |                                       |
| Deck                   |                 |                              | 0         |         |                                       |
| * Amount included in R | Roofing Totals. | Approx. Roof thickness total | 2 5/8"    |         |                                       |
| Building               | 17              | Roof                         | 360       | (sq/ft) |                                       |
| Layer                  | Sample #        | Composition                  | Thickness | Status  | Asbestos Type & %                     |
| 1st Layer (top)        |                 | Rubber                       | 1/8"      |         |                                       |
| 2nd Layer              |                 | ISO Board                    | 2 1/2"    |         |                                       |
| 3rd Layer              |                 |                              |           |         |                                       |
| 4th Layer              |                 |                              |           |         |                                       |
| 5th Layer              |                 |                              |           |         |                                       |
| 6th Layer (bottom)     |                 |                              |           |         |                                       |
| Flashing               |                 | None                         |           |         |                                       |
| Deck                   |                 | Metal                        |           |         |                                       |
|                        |                 | Approx. Roof thickness total | 2 5/8"    |         |                                       |
| * Amount included in R | oofing Totals.  |                              |           |         |                                       |

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Roof, Building 2

### PLM & TEM BULK ASBESTOS REPORT

#### **Client:** Location:

Job No: 11677-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

|         |                                                             |                                                                                                                                                                                           | PLM Asbestos                                                                                                                                                                                                                                                                                                                    | PLM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>TEM Asbestos</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PLM                                                                                                                                                                 | PLM                                                                                                                                                                                                                  |
|---------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I ah ID | Compling Location                                           | Description                                                                                                                                                                               | Fibers Type &                                                                                                                                                                                                                                                                                                                   | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fibers Type &                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Non-Asbestos                                                                                                                                                        | Matrix                                                                                                                                                                                                               |
| Lauin   | Sampling Location                                           | Description                                                                                                                                                                               | Percentage                                                                                                                                                                                                                                                                                                                      | Asbestos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Percentage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Asbestos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                     | Material                                                                                                                                                                                                             |
|         |                                                             |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Percentage                                                                                                                                                          | %                                                                                                                                                                                                                    |
| 82849   | Spot #1, 1st Layer                                          | Black Fibrous                                                                                                                                                                             | Inconclusive                                                                                                                                                                                                                                                                                                                    | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Γ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Trace Chrysotile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cellulose 10%                                                                                                                                                       | 90%                                                                                                                                                                                                                  |
|         |                                                             | Roofing                                                                                                                                                                                   | No Asbestos<br>Detected                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
| 82850   | Spot #1, 2nd Layer                                          | Black Fibrous                                                                                                                                                                             | Inconclusive                                                                                                                                                                                                                                                                                                                    | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | None Detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cellulose 15%                                                                                                                                                       | 85%                                                                                                                                                                                                                  |
|         |                                                             | Roofing                                                                                                                                                                                   | No Asbestos<br>Detected                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
| 82851   | Spot #1, 3rd Layer                                          | Black Fibrous                                                                                                                                                                             | Inconclusive                                                                                                                                                                                                                                                                                                                    | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | None Detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cellulose 10%                                                                                                                                                       | 90%                                                                                                                                                                                                                  |
|         |                                                             | Roofing                                                                                                                                                                                   | No Asbestos<br>Detected                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
| 82852   | Spot #1                                                     | Black Fibrous                                                                                                                                                                             | Chrysotile 23%                                                                                                                                                                                                                                                                                                                  | 23%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Not Required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cellulose 10%                                                                                                                                                       | 67%                                                                                                                                                                                                                  |
|         |                                                             | Flashing                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
| 82853   | Spot #2, 1st Layer                                          | Black Fibrous                                                                                                                                                                             | Inconclusive                                                                                                                                                                                                                                                                                                                    | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Trace Chrysotile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cellulose 10%                                                                                                                                                       | 90%                                                                                                                                                                                                                  |
|         |                                                             | Roofing                                                                                                                                                                                   | No Asbestos<br>Detected                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ۷                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
| 82854   | Spot #2, 2nd Layer                                          | Black Roofing                                                                                                                                                                             | Inconclusive                                                                                                                                                                                                                                                                                                                    | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | None Detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | None Detected                                                                                                                                                       | 100%                                                                                                                                                                                                                 |
|         |                                                             |                                                                                                                                                                                           | No Asbestos<br>Detected                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ۷                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
| 82855   | Spot #2, 3rd Layer                                          | Black Fibrous                                                                                                                                                                             | Inconclusive                                                                                                                                                                                                                                                                                                                    | 0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | None Detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cellulose 10%                                                                                                                                                       | 90%                                                                                                                                                                                                                  |
|         |                                                             | Roofing                                                                                                                                                                                   | No Asbestos<br>Detected                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
| 82856   | Spot #2                                                     | Black Fibrous                                                                                                                                                                             | Chrysotile 15%                                                                                                                                                                                                                                                                                                                  | 15%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Not Required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cellulose 10%                                                                                                                                                       | 75%                                                                                                                                                                                                                  |
|         |                                                             | Flashing                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
|         |                                                             | 474/9                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
|         |                                                             | A                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
|         |                                                             |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |                                                                                                                                                                                                                      |
|         | 82849<br>82850<br>82851<br>82852<br>82853<br>82854<br>82855 | Lab IDSampling Location82849Spot #1, 1st Layer82850Spot #1, 2nd Layer82851Spot #1, 3rd Layer82852Spot #182853Spot #2, 1st Layer82854Spot #2, 2nd Layer82855Spot #2, 3rd Layer82856Spot #2 | 82849Spot #1, 1st LayerBlack Fibrous<br>Roofing82850Spot #1, 2nd LayerBlack Fibrous<br>Roofing82851Spot #1, 3rd LayerBlack Fibrous<br>Roofing82852Spot #1Black Fibrous<br>Flashing82853Spot #2, 1st LayerBlack Fibrous<br>Roofing82854Spot #2, 2nd LayerBlack Fibrous<br>Roofing82855Spot #2, 3rd LayerBlack Fibrous<br>Roofing | Lab IDSampling LocationDescriptionPercentage82849Spot #1, 1st LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected82850Spot #1, 2nd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected82851Spot #1, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected82852Spot #1Black Fibrous<br>FlashingInconclusive<br>No Asbestos<br>Detected82853Spot #2, 1st LayerBlack Fibrous<br>FlashingInconclusive<br>No Asbestos<br>Detected82854Spot #2, 2nd LayerBlack Roofing<br> | Lab IDSampling LocationDescriptionPercentageAsbestos82849Spot #1, 1st LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%82850Spot #1, 2nd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%82851Spot #1, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%82852Spot #1, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%82853Spot #2, 1st LayerBlack Fibrous<br>FlashingInconclusive<br>No Asbestos<br>Detected0%82854Spot #2, 2nd LayerBlack Roofing<br>No Asbestos<br>DetectedInconclusive<br>No Asbestos<br>Detected0%82855Spot #2, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%82855Spot #2, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%82856Spot #2Black Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0% | Lab IDSampling LocationDescriptionPercentageAsbestosB82849Spot #1, 1st LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>V82850Spot #1, 2nd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>V82851Spot #1, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>V82852Spot #1, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>V82852Spot #1Black Fibrous<br>FlashingChrysotile 23%<br>Detected23%<br>V82853Spot #2, 1st LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>V82854Spot #2, 2nd LayerBlack Roofing<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>V82855Spot #2, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>V82856Spot #2Black Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>V | Lab IDSampling LocationDescriptionPercentageAsbestosBPercentage82849Spot #1, 1st LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVTrace Chrysotile82850Spot #1, 2nd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected82851Spot #1, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected82852Spot #1, 3rd LayerBlack Fibrous<br>FlashingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected82853Spot #2, 1st LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVTrace Chrysotile82854Spot #2, 2nd LayerBlack RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected82855Spot #2, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected82855Spot #2, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected82856Spot #2Black Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected82856Spot #2, 3rd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected82856Spot #2Black Fibrous<br>RoofingInconclusive<br><td>Lab IDSampling LocationDescriptionPercentageAsbestosBPercentageAsbestos82849Spot #1, 1st LayerBlack Fibrous<br/>RoofingInconclusive<br/>No Asbestos<br/>Detected0%<br>VTrace Chrysotile<br/>V&lt;1.0%</br></td> 82850Spot #1, 2nd LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VVNone Detected<1.0% | Lab IDSampling LocationDescriptionPercentageAsbestosBPercentageAsbestos82849Spot #1, 1st LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br> | Lab IDSampling LocationDescriptionPercentageAsbestosBPercentageAsbestosFibers Type &<br>Percentage82849Spot #1, 1st LayerBlack Fibrous<br>RoofingInconclusive<br>No Asbestos<br>Detected0%<br>VTrace Chrysotile<1.0% |

### NVLAD

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

Lab Code 200530-0 for PLM Analysis

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 10/1/2009 Olympus BH-2 #232953 Microscope: PLM Analyst: J. Peter Donato

TEM Date Analyzed: 10/1/2004 TEM Analyst: M. Hasen uer

Laboratory Results Approved By:

**Asbestos Technical Director** 

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Roof, Building 16

### PLM & TEM BULK ASBESTOS REPORT

#### Client: Location:

Job No: 11676-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

| Sample D  |        | 7/23/2007         |               |                  | DIM      | 1 |               |          | PLM             | PLM      |
|-----------|--------|-------------------|---------------|------------------|----------|---|---------------|----------|-----------------|----------|
|           |        |                   |               | PLM Asbestos     | PLM      | N | TEM Asbestos  | TEM      |                 |          |
| Client ID | Lab ID | Sampling Location | Description   | Fibers Type &    | Total    | 0 | Fibers Type & | Total    | Non-Asbestos    | Matrix   |
| chefft iD | Lab ID | Samping Location  | Description   | Percentage       | Asbestos | B | Percentage    | Asbestos | Fibers Type &   | Material |
|           |        |                   |               |                  |          |   |               |          | Percentage      | %        |
| ROF-005   | 82843  | Roof, Layer 1     | Black Fibrous | Inconclusive     | 0%       |   | None Detected | <1.0%    | Cellulose 15%   | 82%      |
|           |        |                   | Roofing       | No Asbestos      |          | V |               |          | Mineral Wool 3% |          |
|           |        |                   |               | Detected         |          |   |               |          |                 |          |
| ROF-      | 82844  | Roof, Layer 2     | Gray Roofing  | None Detected    | 0%       |   | Not Required  | N/A      | Cellulose 3%    | 97%      |
| 005A      |        |                   | Insulation    |                  |          |   |               |          |                 |          |
| 00511     |        |                   |               |                  |          |   |               |          |                 |          |
| FLA-006   | 82845  | Roof Edge         | Black Fibrous | Chrysotile 19%   | 19%      |   | Not Required  | N/A      | Cellulose 5%    | 73%      |
| 1 241 000 |        | Ū                 | Flashing      | -                |          | V |               |          | Mineral Wool 3% |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
| ROF-007   | 82846  | Roof, Layer 1     | Black Fibrous | Inconclusive.    | <1.0%    |   | None Detected | <1.0%    | Cellulose 15%   | 85%      |
| K01-007   |        |                   | Roofing       | Trace Chrysotile |          | V |               |          |                 |          |
|           |        |                   | _             | Detected.        |          | ľ |               |          |                 |          |
| ROF-      | 82847  | Roof, Layer 2     | White Roofing | None Detected    | 0%       |   | Not Required  | N/A      | Cellulose 3%    | 97%      |
| 007A      |        |                   | Insulation    |                  |          |   |               |          |                 |          |
| 00/A      |        |                   |               |                  |          |   |               |          |                 |          |
| FLA-008   | 82848  | Roof Edge         | Black Fibrous | Chrysotile 7.3%  | 7.3%     |   | Not Required  | N/A      | Cellulose 10%   | 82.7%    |
| FLA-000   | 02010  |                   | Flashing      |                  |          | V |               |          |                 |          |
|           |        |                   | J J           |                  |          | ľ |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  | -        |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |
|           |        |                   |               |                  |          |   |               |          |                 |          |

### NVLAD

**PLM Analyst:** 

Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

 PLM Date Analyzed:
 10/1/2009

 Microscope:
 Olympus BH-2 #232953

J. Peter Donato

TEM Date Analyzed: 10/1/2009 TEM Analyst: M. Hasenauer

Laboratory Results Approved By:

Asbestos Technical Director

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**Roof, Building 8** 

### PLM & TEM BULK ASBESTOS REPORT

Client: Location: Job No: 11678-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

**Sample Date:** 9/25/2009

|           |        |                    |                           | PLM Asbestos            | PLM      | N | <b>TEM Asbestos</b> | TEM      | PLM           | PLM      |
|-----------|--------|--------------------|---------------------------|-------------------------|----------|---|---------------------|----------|---------------|----------|
|           |        |                    |                           | Fibers Type &           | Total    | 0 | Fibers Type &       | Total    | Non-Asbestos  | Matrix   |
| Client ID | Lab ID | Sampling Location  | Description               | Percentage              | Asbestos | B | Percentage          | Asbestos | Fibers Type & | Material |
|           |        |                    |                           |                         |          |   |                     |          | Percentage    | %        |
| ROF-013   | 82857  | Spot #1, 1st Layer | Black Roofing             | Inconclusive            | <1.0%    |   | None Detected       | <1.0%    | None Detected | 100%     |
| :         |        |                    |                           | No Asbestos<br>Detected |          | V |                     |          |               |          |
| ROF-      | 82858  | Spot #1, 2nd Layer | Black Fibrous             | Inconclusive            | <1.0%    |   | None Detected       | <1.0%    | Cellulose 30% | 70%      |
| 013A      |        |                    | Roofing                   | No Asbestos<br>Detected |          | V |                     |          |               |          |
| FLA-014   | 82859  | Spot #1            | Black Fibrous             | Chrysotile 7.0%         | 7.0%     |   | Not Required        | N/A      | Cellulose 10% | 83%      |
|           |        |                    | Flashing                  |                         |          | V |                     |          |               |          |
| ROF-015   | 82860  | Spot #2, 1st Layer | Black Fibrous             | Inconclusive            | 0%       |   | None Detected       | <1.0%    | Cellulose 10% | 90%      |
|           |        |                    | Roofing                   | No Asbestos<br>Detected |          | V |                     |          |               |          |
| ROF-      | 82861  | Spot #2, 2nd Layer | Black Fibrous             | Inconclusive            | 0%       |   | None Detected       | <1.0%    | Cellulose 15% | 85%      |
| 015A      |        |                    | Roofing                   | No Asbestos<br>Detected |          | V |                     |          |               |          |
| FLA-016   | 82862  | Spot #2            | Black Fibrous<br>Flashing | Chrysotile 10%          | 10%      | v | Not Required        | N/A      | Cellulose 10% | 80%      |
|           |        |                    |                           |                         |          | Ľ |                     | -        |               |          |
|           |        |                    |                           |                         |          |   |                     |          |               |          |
|           |        |                    |                           |                         |          |   |                     |          |               |          |
|           |        |                    |                           |                         |          |   |                     |          |               |          |
|           |        |                    |                           |                         |          |   |                     |          |               |          |
|           |        |                    |                           |                         |          |   |                     |          |               |          |
|           |        |                    |                           |                         |          |   |                     |          |               |          |
|           |        |                    |                           |                         |          |   |                     |          |               |          |

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Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1 ,198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{}$  NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 10/1/2009 Microscope: Olympus BH-2 #232953

PLM Analyst: J. Peter Donato

TEM Date Analyzed: 10/2/2009 TEM Analyst: J. Peter Donato

Laboratory Results Approved By:

Asbestos Technical Director

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| AL NICK T CK O | CHAIN OF CUSTODY FOR PLM ASBESTOS ANAL YSIS         CHAIN OF CUSTODY FOR PLM ASBESTOS ANAL YSIS         CHAIN OF CUSTODY FOR PLM ASBESTOS ANAL YSIS         autionmanial consultants, it:         CHAIN OF CUSTODY FOR PLM ASBESTOS ANAL YSIS         autionmanial consultants, it:         The Number:         Plane Samptor       Plane Material Type/Quantity.         Samptor Control       Project Location         Plane Samptor       Plane Samptor         Color       Samptor         Plane Laston       Plane Laston         Colspan= Samptor       Plane Laston         Colspan= Samptor       Plane Laston         Plane Material Type/Quantity         Colspan= Samptor       Plane Laston         Plane Laston | ASBESTOS ANALYSIS OFFICE USE ONLY | Contact:<br>Contact:<br>Fax Number:<br>Page O of 2 | X Other Date Logged I | ity:<br>X TEM X Logged in By: | Project Number: 09. 1400 5 04 1000 |  | Relt - Rooling | 1 | - FASMM |  | - FLA |  |  |  | CHECK ONE: SURVEY Z BULKS ONLY | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS | Transported to Paradigm When the provide Tem contact name:     Pate: 9/29/09     Or provide TEM contact name:     Paradigm Weight of the provide Tem contact name:       Transported to Paradigm When the provide Tem contact name:     rotal NUMBER OF SAMPLES IN SURVEY:     Paradigm Weight of the provide Personnel |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------|-----------------------|-------------------------------|------------------------------------|--|----------------|---|---------|--|-------|--|--|--|--------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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**Roof, Building 9** 

### PLM & TEM BULK ASBESTOS REPORT

| Client:   |
|-----------|
| Location: |

lob No: 11679-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

Date Re-Issued: 10/13/2009

Sample Date: 9/25/2009

|           | [      |                   |               | PLM Asbestos            | PLM      | N | TEM Asbestos  | TEM      | PLM              | PLM      |
|-----------|--------|-------------------|---------------|-------------------------|----------|---|---------------|----------|------------------|----------|
|           |        |                   |               | Fibers Type &           | Total    | 0 | Fibers Type & | Total    | Non-Asbestos     | Matrix   |
| Client ID | Lab ID | Sampling Location | Description   | Percentage              | Asbestos | B | Percentage    | Asbestos | Fibers Type &    | Material |
|           |        |                   |               | -                       |          |   |               |          | Percentage       | %        |
| ROF-017   | 82863  | Roof, Layer 1     | Black Fibrous | Inconclusive            | 0%       |   | None Detected | <1.0%    | Cellulose 20%    | 75%      |
|           |        |                   | Roofing       | No Asbestos<br>Detected |          | ۷ |               |          | Mineral Wool 5%  |          |
| ROF-      | 82864  | Roof, Layer 2     | Black Fibrous | Inconclusive            | 0%       |   | None Detected | <1.0%    | Cellulose 15%    | 80%      |
| 017A      |        |                   | Roofing       | No Asbestos<br>Detected |          | ۷ |               |          | Mineral Wool 5%  |          |
| ROF-      | 82865  | Roof, Layer 3     | Black Fibrous | Inconclusive            | 0%       |   | None Detected | <1.0%    | Cellulose 20%    | 70%      |
| 017B      |        |                   | Roofing       | No Asbestos<br>Detected |          | V |               |          | Mineral Wool 10% |          |
| FLA-018   | 82866  | Roof Edge         | Black Fibrous | Chrysotile 21%          | 21%      |   | Not Required  | N/A      | Cellulose 10%    | 69%      |
|           |        |                   | Flashing      |                         |          | ۷ |               |          |                  |          |
| ROF-019   | 82867  | Roof, Layer 1     | Black Fibrous | Inconclusive            | 0%       |   | None Detected | <1.0%    | Cellulose 20%    | 70%      |
|           |        |                   | Roofing       | No Asbestos<br>Detected |          | ٧ |               |          | Mineral Wool 10% |          |
| ROF-      | 82868  | Roof, Layer 2     | Black Fibrous | Inconclusive            | 0%       |   | None Detected | <1.0%    | Cellulose 15%    | 80%      |
| 019A      |        |                   | Roofing       | No Asbestos<br>Detected |          | ۷ |               |          | Mineral Wool 5%  |          |
| ROF-      | 82869  | Roof, Layer 3     | Black Fibrous | Inconclusive            | 0%       |   | None Detected | <1.0%    | Cellulose 20%    | 70%      |
| 019B      |        |                   | Roofing       | No Asbestos<br>Detected |          | V |               |          | Mineral Wool 10% |          |
| FLA-020   | 82870  | Roof Edge         | Black Fibrous | Chrysotile 16%          | 16%      |   | Not Required  | N/A      | Cellulose 10%    | 74%      |
|           |        |                   | Flashing      |                         |          | V |               |          |                  |          |
|           |        |                   |               | <u>.</u>                |          | 1 |               |          |                  |          |
|           |        |                   |               |                         |          | L |               |          |                  |          |
|           |        |                   |               |                         |          |   |               |          |                  |          |
|           |        |                   |               |                         |          |   |               |          |                  | <u> </u> |

#### NVLAD Lab Code 200530-0 for PLM Analysis

J. Peter Donato

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 10/1/2009 Microscope: Olympus BH-2 #232953

**PLM Analyst:** 

TEM Date Analyzed: 10/1/2099 TEM Analyst: M. Hasenauer

Laboratory Results Approved By

**Asbestos Technical Director** 

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|                                                                                                                                            |                        | CHAIN OF C                                    | CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS                                         | S PLM ASBES                                                                                                                             | STOS AN                     | AL YSIS       |                         | SE ONLY    |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|-------------------------|------------|
| FNUOV                                                                                                                                      | L                      | Client:                                       |                                                                                    | Contact:                                                                                                                                |                             |               |                         |            |
| ELLA V C L<br>environmental consultants, inc.                                                                                              | inc.                   | Lebella ;                                     | Associates                                                                         | Rick Rote                                                                                                                               |                             |               | )) (- ;# qor            | 20-6to     |
| 145 Lake Avenue, Rochester, NY 14608                                                                                                       | 14608                  |                                               |                                                                                    | Fax Number:                                                                                                                             |                             |               |                         | . (1       |
| 585.454.1060 ' Fax 585.454.1062                                                                                                            | 1062                   | 414.8891                                      |                                                                                    | rrote Glabellape. com                                                                                                                   | ilapc.co                    | ¥             | Page                    | ور کک      |
| Job Ticket #: 34832                                                                                                                        | 1                      | Results To:<br>Progr Mance                    | r Mance                                                                            | 1 um Around Time:                                                                                                                       | 5 X Ott                     | Other         | Date Logged In: 0/09/07 | 70/PC/F    |
| Client Mailing Address:                                                                                                                    |                        | Date Sampled:                                 | 9.25.09                                                                            | Material Type/Quantity:<br>Friable NOB X                                                                                                |                             | TEM 🗶         | Logged In By:           | Ń          |
| Backaster NV 14/014                                                                                                                        | ב                      | Project Location:                             | ark Ave.                                                                           | Project Number:                                                                                                                         | 00.1400                     | 00            | 6 0f 10                 | DOOC       |
|                                                                                                                                            | •                      | ROF 9 1                                       |                                                                                    |                                                                                                                                         |                             |               |                         |            |
| Client ID Lab ID                                                                                                                           | 1                      |                                               | Sampling Location                                                                  | Do not Analyze                                                                                                                          | Color                       | Size          | Material                | Friability |
| 1 805-017 82863                                                                                                                            |                        | Foor laxin 1                                  | -1                                                                                 | L                                                                                                                                       | Bik                         | L             | Por                     | UN         |
|                                                                                                                                            |                        |                                               | -                                                                                  | ١                                                                                                                                       |                             | ١             | ROF                     |            |
|                                                                                                                                            | 865                    |                                               |                                                                                    | Ĺ                                                                                                                                       |                             | ۲.            | 200                     |            |
|                                                                                                                                            | RIDID                  | · 242.                                        |                                                                                    | L                                                                                                                                       |                             | 1             | FLA                     |            |
|                                                                                                                                            | 8107                   | lexer 1                                       |                                                                                    | ١                                                                                                                                       |                             | ١             | Roc                     |            |
| 4                                                                                                                                          | 808                    | ا مردن ج                                      | æ                                                                                  | •                                                                                                                                       |                             | ١             | ROF                     |            |
|                                                                                                                                            | 698                    | laver 1                                       | 3                                                                                  | ι                                                                                                                                       |                             | ١             | Roc                     |            |
|                                                                                                                                            | 870                    | L edaz                                        |                                                                                    | 1                                                                                                                                       | 7                           | •             | FLA                     | +          |
| 6                                                                                                                                          |                        | 7                                             |                                                                                    |                                                                                                                                         |                             |               |                         |            |
| 01                                                                                                                                         |                        |                                               |                                                                                    |                                                                                                                                         |                             |               |                         |            |
| Sampled By: G. S. D. D. Linden Date: 9.                                                                                                    | A 13                   | Linder Date:                                  | 9.25.09                                                                            | CHECK ONE:                                                                                                                              | SURVEY                      | 2             | BULKS ONLY              | LY [       |
| Transported to Paradigm 87                                                                                                                 |                        | DELT Date:                                    | Date: 4.75.09                                                                      | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS<br>or provide TEM contact name:                                                              | IATICALLY PE<br>ntact name: | ERFORM TE     | M ON NOBS               | 7          |
| Received By: C                                                                                                                             | 6                      |                                               | 69/66/6.                                                                           | TOTAL NUMBER OF SAMPLES IN SURVEY:                                                                                                      | F SAMPLES I                 | N SURVEY:     |                         | CH         |
| Containerized materials attached to this Chain of Custody may contain<br>under regulated conditions. (Danger, May Contain Asbestos Fibers, | to this Ch<br>ger; May | ain of Custody may co<br>Contain Asbestos Fil | ntain Asbestos. Asbestos is a known carci<br>bers, Cancer and Lung Disease Hazard) | Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel Cancer and Lung Disease Hazard) | and should only             | be handled by | r trained and authoriz  | ersonnel   |

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### PLM & TEM BULK ASBESTOS REPORT

#### Client: Location:

Job No: 11680-09 Page: 1 of 2

Roof, Building 10

Labella Associates

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

|           |        |                   |                    | PLM Asbestos                  | PLM      | N | TEM Asbestos                    | TEM      | PLM           | PLM      |
|-----------|--------|-------------------|--------------------|-------------------------------|----------|---|---------------------------------|----------|---------------|----------|
|           |        |                   |                    | Fibers Type &                 | Total    | 0 | Fibers Type &                   | Total    | Non-Asbestos  | Matrix   |
| Client ID | Lab ID | Sampling Location | Description        | Percentage                    | Asbestos | B | Percentage                      | Asbestos | Fibers Type & | Material |
|           |        |                   |                    |                               |          |   |                                 |          | Percentage    | %        |
| ROF-021   | 82871  | Roof, Layer 1     | Black Fibrous      | Inconclusive.                 | <1.0%    |   | Trace Chrysotile                | <1.0%    | Cellulose 10% | 90%      |
|           |        |                   | Roofing            | Trace Chrysotile<br>Detected. |          | ۷ |                                 |          |               |          |
| ROF-      | 82872  | Roof, Layer 2     | Black Fibrous      | Trace Chrysotile              | <1.0%    |   | <1.0% Residue                   | N/A      | Cellulose 15% | 85%      |
| 021A      |        |                   | Roofing            |                               |          | V | Remaining. TEM<br>Not Required. |          |               |          |
| FLA-022   | 82873  | Roof Edge         | Black Fibrous      | None Detected                 | 0%       |   | <1.0% Residue                   | N/A      | Cellulose 30% | 70%      |
|           |        |                   | Flashing           |                               |          | V | Remaining. TEM<br>Not Required. |          |               |          |
| ROF-023   | 82874  | Roof Layer 1      | Black Fibrous      | None Detected                 | 0%       |   | <1.0% Residue                   | N/A      | Cellulose 30% | 70%      |
|           |        |                   | Roofing            |                               |          | √ | Remaining. TEM<br>Not Required. |          |               |          |
| ROF-      | 82875  | Roof, Layer 2     | Black Fibrous      | None Detected                 | 0%       |   | Not Required                    | N/A      | Cellulose 90% | 10%      |
| 023A      |        |                   | Roofing Insulation |                               |          |   |                                 |          |               |          |
| FLA-024   | 82876  | Roof Edge         | Black Fibrous      | None Detected                 | 0%       |   | <1.0% Residue                   | N/A      | Cellulose 30% | 70%      |
| 1         |        |                   | Flashing           |                               |          | V | Remaining. TEM<br>Not Required. |          |               |          |
|           |        |                   |                    |                               |          |   |                                 |          |               |          |
|           |        |                   |                    |                               |          |   |                                 |          |               |          |
|           |        |                   |                    |                               |          |   |                                 |          |               |          |
|           |        |                   |                    |                               |          |   |                                 |          |               |          |
|           |        |                   |                    |                               |          |   |                                 |          |               |          |
|           |        |                   |                    |                               |          |   |                                 |          |               |          |
|           |        |                   |                    |                               |          |   |                                 |          |               |          |

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Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

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PLM Date Analyzed: 10/1/2009 Microscope: Olympus BH-2

PLM Analyst:

Olympus BH-2 #232953 J. Peter Donato TEM Date Analyzed: 10/2/2009 TEM Analyst: J. Peter Donato

Laboratory Results Approved By:

Asbestos Technical Director

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| CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS OFFICE USE ONLY |                                          | 1062 414.8991                                                              | Results To:<br>Prega Mance | Date Sampled: 0.2       | Project Location:<br>ICDD Driving Cark Ave. Project Number: 09.1400 | Roof BILL 10 | ab ID Sàmp    | 82871 Foof Lexis 2 - BIK - | XCts * | 873      | <br>4 845 | T 728 |   |   |   |    | 2 2. Dhow the linker of Oro CHECK ONE: SURVEY V BULKS UNLY | C/ | Deradigm Enter 1 Lat Date: 9.25.09 or provide TEM contact name: |              |
|------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------|----------------------------|-------------------------|---------------------------------------------------------------------|--------------|---------------|----------------------------|--------|----------|-----------|-------|---|---|---|----|------------------------------------------------------------|----|-----------------------------------------------------------------|--------------|
|                                                            | ENVOY<br>environmental consultants, inc. | - 145 Laive Avenue, Noureact, M. 1404<br>- 585.454.1060 ' Fax 585.454.1062 | Job Ticket #: 34832        | Client Mailing Address: | Perhater NV 14/101                                                  |              | Client ID Lab |                            | 4      | CLA-A-13 | A         |       | 7 | 8 | 6 | 10 | Contract Colourt la                                        |    | Transported to Paradigm Cyler,                                  | Vereived by. |

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Roof, Building 7

### PLM & TEM BULK ASBESTOS REPORT

### Client:

Job No: 11681-09 Page: 1 of 2

Location:

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

| Sample D     | utti   | 9/23/2009         |                           |                                             |                          |             |                                                 |                          |                                                    |                                |
|--------------|--------|-------------------|---------------------------|---------------------------------------------|--------------------------|-------------|-------------------------------------------------|--------------------------|----------------------------------------------------|--------------------------------|
| Client ID    | Lab ID | Sampling Location | Description               | PLM Asbestos<br>Fibers Type &<br>Percentage | PLM<br>Total<br>Asbestos | N<br>O<br>B | TEM Asbestos<br>Fibers Type &<br>Percentage     | TEM<br>Total<br>Asbestos | PLM<br>Non-Asbestos<br>Fibers Type &<br>Percentage | PLM<br>Matrix<br>Material<br>% |
| ROF-025      | 82877  | Roof, Layer 1     | Black Roofing             | Inconclusive<br>No Asbestos<br>Detected     | 0%                       | ٧           | None Detected                                   | <1.0%                    | Fiberglass 1%                                      | 99%                            |
| ROF-<br>025A | 82878  | Roof, Layer 2     | Black Roofing             | Inconclusive<br>No Asbestos<br>Detected     | 0%                       | v           | None Detected                                   | <1.0%                    | Fiberglass 1%                                      | 99%                            |
| ROF-<br>025B | 82879  | Roof, Layer 3     | Black Roofing             | Inconclusive<br>No Asbestos<br>Detected     | 0%                       | ٧           | None Detected                                   | <1.0%                    | None Detected                                      | 100%                           |
| ROF-<br>025C | 82880  | Roof, Layer 4     | Black Roofing             | None Detected                               | 0%                       | ٧           | <1.0% Residue<br>Remaining. TEM<br>Not Required | N/A                      | None Detected                                      | 100%                           |
| FLA-026      | 82881  | Roof Edge         | Black Fibrous<br>Flashing | Chrysotile 39%                              | 39%                      | ٧           | Not Required                                    | N/A                      | None Detected                                      | 61%                            |
| ROF-027      | 82882  | Roof, Layer 1     | Black Roofing             | Inconclusive<br>No Asbestos<br>Detected     | 0%                       | ٧           | None Detected                                   | <1.0%                    | Fiberglass 1%                                      | 99%                            |
| ROF-<br>027A | 82883  | Roof, Layer 2     | Black Roofing             | Inconclusive<br>No Asbestos<br>Detected     | 0%                       | ٧           | None Detected                                   | <1.0%                    | Fiberglass 1%                                      | 99%                            |
| ROF-<br>027B | 82884  | Roof, Layer 3     | Black Roofing             | Inconclusive<br>No Asbestos<br>Detected     | 0%                       | ٧           | None Detected                                   | <1.0%                    | None Detected                                      | 100%                           |
| ROF-<br>027C | 82885  | Roof, Layer 4     | Black Roofing             | None Detected                               | 0%                       | ٧           | <1.0% Residue<br>Remaining. TEM<br>Not Required | N/A                      | None Detected                                      | 100%                           |
| FLA-028      | 82886  | Roof Edge         | Black Fibrous<br>Flashing | Chrysotile 38%                              | 38%                      | ٧           | Not Required                                    | N/A                      | None Detected                                      | 62%                            |

### NVLAD

Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

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| PLM Date Analyzed: | 10/1/2009            |
|--------------------|----------------------|
| Microscope:        | Olympus BH-2 #233173 |
| PLM Analyst:       | F. Childs            |

TEM Date Analyzed: 10/2/2009 TEM Analyst: J. Peter Donato

Laboratory Results Approved By:

Asbestos Technical Director

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Roof, Building 13

### PLM & TEM BULK ASBESTOS REPORT

Client: Location: Job No: 11682-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

|              |        |                    |               | PLM Asbestos<br>Fibers Type &           | PLM<br>Total | N<br>O | TEM Asbestos<br>Fibers Type &                   | TEM<br>Total | PLM<br>Non-Asbestos | PLM<br>Matrix |
|--------------|--------|--------------------|---------------|-----------------------------------------|--------------|--------|-------------------------------------------------|--------------|---------------------|---------------|
| Client ID    | Lab ID | Sampling Location  | Description   | Percentage                              | Asbestos     | B      | Percentage                                      | Asbestos     | Fibers Type &       | Material      |
|              |        |                    |               | rereentage                              | ABDEBEDS     |        | rereentage                                      | nisbestos    | Percentage          | %             |
| ROF-029      | 82887  | Spot #1, 1st Layer | Black Roofing | Inconclusive<br>No Asbestos<br>Detected | 0%           | v      | None Detected                                   | <1.0%        | Fiberglass 1%       | 99%           |
| ROF-<br>029A | 82888  | Spot #1, 2nd Layer | Black Roofing | None Detected                           | 0%           | v      | <1.0% Residue<br>Remaining, TEM<br>Not Required | N/A          | Fiberglass 1%       | 99%           |
| ROF-030      | 82889  | Spot #2, 1st Layer | Black Roofing | Inconclusive<br>No Asbestos<br>Detected | 0%           | v      | None Detected                                   | <1.0%        | Fiberglass 1%       | 99%           |
| ROF-<br>030A | 82890  | Spot #2, 2nd Layer | Black Roofing | None Detected                           | 0%           | ٧      | <1.0% Residue<br>Remaining. TEM<br>Not Required | N/A          | Fiberglass 1%       | 99%           |
|              |        |                    |               |                                         |              |        |                                                 |              |                     |               |
|              |        |                    |               |                                         |              |        |                                                 |              |                     |               |
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### NVLAD

Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

 PLM Date Analyzed:
 10/1/2009

 Microscope:
 Olympus BH-2 #233173

 PLM Analyst:
 F. Childs

TEM Date Analyzed: 10/2/2009 TEM Analyst: J. Peter Donato

Laboratory Results Approved By:

**Asbestos Technical Director** 

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

| ENVOY     Clust:     contact:     contact:       autommatici consultants, in:     Allone Number:     Allone Number:     Allone Number:       atta harmonial consultants, in:     Allone Number:     Allone Number:     Allone Number:       atta harmonial consultants, in:     Allone Number:     Allone Number:     Allone Number:       atta harmonial consultants     Allone Number:     Allone Number:     Allone Number:       atta harmonial consultants     Allone Number:     Allone Number:     Allone Allone Number:       atta harmonial consultants     Allone Number:     Allone Number:     Allone Allone Number:       atta harmonial consultants     Allone Number:     Allone Number:     Allone Allone Number:       atta harmonial construct     Allone Number:     Allone Allone Number:     Allone Allone Number:       atta harmonial construct     Allone Allone Number:     Allone Allone Number:     Allone Allone Number:       atta harmonial construct     Allone Allone Number:     Allone Allone Number:     Allone Allone Number:       atta harmonial construct     Allone Allone Number:     Allone Allone Number:     Allone Allone Number:       atta harmonial construct     Allone Allone Allone Allone Number:     Allone All                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                       |                             | CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | R PLM ASBES                                                                 | TOS ANA     | NT XSIS  | OFFICE USE ONLY                                         | SE ONLY                                              |
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| Date Samples: <sup>1</sup> / <sub>1</sub> , 25, 09 <sup>1</sup> / <sub>1</sub> , 20 |                                         | 1                           | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                             | 3.          |          |                                                         | 121-21-                                              |
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| Image: Second system     Survey     BULKS ONLY       Image: 9.25:09     CHECK ONE:     SURVEY     BULKS ONLY       Image: 9.25:09     CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS     ON POBS       Image: 9/29/169     TOTAL NUMBER OF SAMPLES IN SURVEY:     Date: 9/29/169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A120.34                                 | 890                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             | BIK         | {        | KOOHHA                                                  | <b>NF</b>                                            |
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| Bulks only       Linkey Date: 9.25.09       CHECK ONE:     SURVEY       Date:     9.25.09       Check To AUTOMATICALLY PERFORM TEM ON NOBS       Or provide TEM contact name:       Date:     9/29/69       Total NUMBER OF SAMPLES IN SURVEY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                         |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             |             |          |                                                         |                                                      |
| Bulks only       Linkey Date: 9.25.09       CHECK ONE:     SURVEY       Date: 9.25.09       Check To AUTOMATICALLY PERFORM TEM ON NOBS       Opto:     9/29/09       Total NUMBER OF SAMPLES IN SURVEY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             |             |          |                                                         |                                                      |
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| Linden     Date: 9.25-09     CHECK ONE:     SURVEY     BULKS ONLY       Linden     Date: 9.25-09     CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS       Low     Date: 9/29/09     or provide TEM contact name:       Low     Date: 9/29/09     TOTAL NUMBER OF SAMPLES IN SURVEY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                             |             |          |                                                         |                                                      |
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| LANDON Date: 9.25-09 OF POINTER OF SAMPLES IN SURVEY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                             | 2):- 4. 1000 0.05.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CHECK ONE:                                                                  | SURVEY      | 2        | BULKS O                                                 |                                                      |
| LL Date: 9.25.09 or provide TEM contact name:<br>LC Date: 9/29/69 TOTAL NUMBER OF SAMPLES IN SURVEY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | oled By: O.                             | SAUGULI / C                 | and trans the second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CHECK TO AUTOM                                                              | ATICALLY PE | RFORM TE | EM ON NOBS                                              |                                                      |
| LC Date: 9/29/69 TOTAL NUMBER OF SAMPLES IN SURVET.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | sported to Pari                         | adiam By Cer                | 1) [LA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | or provide TEM cor                                                          | ntact name: |          |                                                         | 677                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ived By:                                | 10                          | EC Date: 9/29/69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TOTAL NUMBER O                                                              | F SAMPLES   |          | and and authors                                         | yed nersonnel                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | r regulated condit                      | tions. ( <b>Danger</b> , Ma | under regulated conditions. (Danger, indy Contain research including the second s |                                                                             |             |          |                                                         |                                                      |

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Labella Associates Roof, Building 12

### PLM & TEM BULK ASBESTOS REPORT

**Client:** 

Location:

Iob No: 11683-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

9/25/2009 Sample Date:

|           |        |                   |                | PLM Asbestos            | PLM      | N        | TEM Asbestos                   | TEM      | PLM                                   | PLM      |
|-----------|--------|-------------------|----------------|-------------------------|----------|----------|--------------------------------|----------|---------------------------------------|----------|
|           |        |                   | Description    | Fibers Type &           | Total    | 0        | Fibers Type &                  | Total    | Non-Asbestos                          | Matrix   |
| Client ID | Lab ID | Sampling Location | Description    | Percentage              | Asbestos | B        | Percentage                     | Asbestos | Fibers Type &                         | Material |
|           |        |                   |                |                         |          |          |                                |          | Percentage                            | %        |
| ROF-031   | 82891  | Roof, Layer 1     | Black Roofing  | Inconclusive            | 0%       |          | None Detected                  | <1.0%    | Fiberglass 5%                         | 95%      |
|           |        |                   |                | No Asbestos<br>Detected |          | V        |                                |          |                                       |          |
| ROF-      | 82892  | Roof, Layer 2     | Black Roofing  | Inconclusive            | 0%       |          | None Detected                  | <1.0%    | Fiberglass 5%                         | 95%      |
| 031A      |        |                   |                | No Asbestos<br>Detected |          | V        |                                |          |                                       |          |
| ROF-      | 82893  | Roof, Layer 3     | Black Roofing  | Trace Chrysotile        | <1.0%    |          | <1.0% Residue                  | N/A      | Fiberglass 1%                         | 99%      |
| 031B      |        |                   |                |                         |          | V        | Remaining. TEM<br>Not Required |          |                                       |          |
| FLA-032   | 82894  | Roof Edges        | Black Fibrous  | Chrysotile 18%          | 18%      |          | Not Required                   | N/A      | Fiberglass 5%                         | 77%      |
|           |        |                   | Flashing       |                         |          | V        |                                |          |                                       |          |
| ROF-033   | 82895  | Roof, Layer 1     | Black Roofing  | Inconclusive            | 0%       | <b> </b> | None Detected                  | <1.0%    | Fiberglass 5%                         | 95%      |
|           |        |                   |                | No Asbestos<br>Detected |          | √        |                                |          |                                       |          |
| ROF-      | 82896  | Roof, Layer 2     | Black Roofing  | Inconclusive            | 0%       |          | None Detected                  | <1.0%    | Fiberglass 5%                         | 95%      |
| 033A      |        |                   |                | No Asbestos<br>Detected |          | √        |                                |          |                                       |          |
| ROF-      | 82897  | Roof, Layer 3     | Black Roofing  | Trace Chrysotile        | <1.0%    |          | <1.0% Residue                  | N/A      | Fiberglass 1%                         | 99%      |
| 033B      |        |                   |                |                         |          | V        | Remaining. TEM<br>Not Required |          |                                       |          |
| FLA-034   | 82898  | Roof Edges        | Black Flashing | Chrysotile 17%          | 17%      |          | Not Required                   | N/A      | Fiberglass 5%                         | 78%      |
|           |        |                   |                |                         |          | V        |                                |          |                                       |          |
|           |        |                   |                |                         |          |          |                                |          |                                       |          |
|           |        |                   |                |                         |          |          |                                |          | · · · · · · · · · · · · · · · · · · · |          |
|           |        |                   |                |                         |          |          |                                |          |                                       |          |
|           |        |                   |                |                         |          |          |                                |          |                                       |          |

NVLAD

Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 10/1/2009 Olympus BH-2 #233173 Microscope: F. Childs **PLM Analyst:** 

TEM Date Analyzed: 10/2/2009 TEM Analyst: J. Peter Donato

Laboratory Results Approved By:

**Asbestos Technical Director** 

Mary Dohi Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>L</b> - 201<br><br>-                                                                                                                                                                                                                                                        |                                                | -                     | 11(.82                                                                                                         | 60-0       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------|------------|
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS                                                                                                                                                                                                                                     | R PLM ASBESTO                                  | DS ANAL YSI           | S OFFICE USE ONLY                                                                                              | E ONLY     |
| ENN/OV                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Client:                                                                                                                                                                                                                                                                        | Contact:                                       |                       | A                                                                                                              |            |
| L-LV                                      | ELN V U I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I abollo Associates                                                                                                                                                                                                                                                            | Rick Rote                                      |                       | Job #: 40L                                                                                                     | <u>F</u>   |
|                                           | enuronmentation Domination NY 12008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Phone Number:                                                                                                                                                                                                                                                                  | Fax Number:                                    |                       | (                                                                                                              | C          |
| . 145 Lake Avenue, 1<br>585.454.1060 ° 1  | 5 Lake Avelue, voorestor, 1700 - 586.454.1062                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1984/                                                                                                                                                                                                                                                                          | rrote abellape.com                             | QC. COM               | Page Co                                                                                                        | of U c     |
| Job Ticket #: 21820                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Results To:<br>Choon Mance                                                                                                                                                                                                                                                     | furn Around Time:     1                        | X Other               | Date Logged In: 939/09                                                                                         | 69/60/6    |
| Client Mailing Address:                   | . 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Date Sampled: 0.25.09                                                                                                                                                                                                                                                          | Material Type/Quantity:<br>Friable NOB X       | TEM 🗶                 | Logged In By: KS                                                                                               | S          |
| The set of                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Project Location:                                                                                                                                                                                                                                                              | Project Number:                                | 00.1400               | 10 OF 12                                                                                                       | CaC        |
| Conceller NY 14                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ROF RUL 12                                                                                                                                                                                                                                                                     |                                                |                       |                                                                                                                |            |
|                                           | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sampling Location                                                                                                                                                                                                                                                              | Do not Analyze                                 | Color Size            | Material                                                                                                       | Friability |
| Cilent IU                                 | 20 00 I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                | 1                                              | DIK -                 | RoF                                                                                                            | 32         |
| 1 Rof-031                                 | ╉                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                | ١                                              | )                     |                                                                                                                |            |
| 2 Rof-031 A                               | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                | 1                                              | \                     | -1                                                                                                             |            |
| 3 Rot-031D                                | K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ×                                                                                                                                                                                                                                                                              | 1                                              | 1                     | FL4                                                                                                            |            |
| K-A-                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                | )                                              | 1                     | ROF                                                                                                            |            |
| 5 806 - 033                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                                                                                                                                                                                              | (                                              | )                     |                                                                                                                |            |
| 6 RoF-033A                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                | \                                              | ١                     | -1                                                                                                             |            |
| 7 Rot-033B                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                |                                                | 1                     | ₹<br>-                                                                                                         | +          |
| 8FLA-034                                  | 848                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | لعرميدة المراجع                                                                                                                                                                                                                                                                |                                                |                       | Ì                                                                                                              |            |
| 9                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                |                                                |                       |                                                                                                                |            |
| 10                                        | any i July and the difference of the second s |                                                                                                                                                                                                                                                                                | Second Structures                              |                       | A TRO SAL IN A MARKAN AND A MARKAN A M |            |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.0                                                                                                                                                                                                                                                                            | CHECK ONE: SI                                  | SURVET                |                                                                                                                |            |
| Sampled By: 0                             | a/Lanak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | , whyshy value 7 63 0 1                                                                                                                                                                                                                                                        | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS     | ICALLY PERFORM        | TEM ON NOBS                                                                                                    | 2          |
| Transmonted to E                          | aradium Rollin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2-6- Date: 9.25.09                                                                                                                                                                                                                                                             | or provide TEM contact name:                   | :t name:              |                                                                                                                |            |
| Received BV:                              | Received BV:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LL Date: 9/29/69                                                                                                                                                                                                                                                               | TOTAL NUMBER OF SAMPLES IN SURVEY:             | AMPLES IN SURVE       | :                                                                                                              | 174        |
| Containerized mate<br>under regulated col | riels attached to this C<br>nditions. (Danger; Ma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and aumorized personner under regulated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard) | s is a known carcinogen and<br>Disease Hazard) | should only be handle | d by trained and autnom                                                                                        |            |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                |                                                |                       |                                                                                                                |            |

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Roof, Building 5

### PLM & TEM BULK ASBESTOS REPORT

#### Client:

Job No: 11684-09 Page: 1 of 2

Location:

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

| Sample D  |        | 572572005         |               |                                   |                   |          |                                       |              |                     |               |
|-----------|--------|-------------------|---------------|-----------------------------------|-------------------|----------|---------------------------------------|--------------|---------------------|---------------|
|           |        |                   |               | PLM Asbestos                      | PLM               | N        | TEM Asbestos                          | TEM<br>Total | PLM<br>Non-Asbestos | PLM<br>Matrix |
| Client ID | Lab ID | Sampling Location | Description   | Fibers Type &                     | Total<br>Asbestos | 0<br>B   | Fibers Type &<br>Percentage           | Asbestos     | Fibers Type &       | Material      |
|           |        |                   |               | Percentage                        | Aspestos          | Р        | rencentage                            | ASDESIUS     | Percentage          | %             |
|           |        |                   |               |                                   | 2.00/             | <u> </u> | NetDenvined                           | N/A          | None Detected       | 98%           |
| ROF-035   | 82899  | Roof, Layer 1     | Black Roofing | Chrysotile 2.0%                   | 2.0%              |          | Not Required                          | N/A          | None Detected       | 90%           |
|           |        |                   |               |                                   |                   | V        |                                       |              | -                   |               |
| ROF-      | 82900  | Roof, Layer 2     | Black Roofing | Unable to                         | N/A               | <u> </u> | N/A                                   | N/A          | N/A                 | N/A           |
| 035A      |        |                   | _             | Separate; See                     |                   |          |                                       |              |                     |               |
| 035/1     |        |                   |               | Above Sample #<br>ROF-035         |                   |          |                                       |              |                     |               |
| ROF-      | 82901  | Roof, Layer 3     | Black Fibrous | Chrysotile 32%                    | 32%               |          | Not Required                          | N/A          | None Detected       | 68%           |
| 035B      |        |                   | Roofing       |                                   |                   | V        |                                       |              |                     |               |
| 0000      |        |                   |               |                                   |                   |          |                                       |              |                     |               |
| ROF-      | 82902  | Roof, Layer 4     | Black Roofing | Inconclusive.                     | <1.0%             |          | Chrysotile 2.7%                       | 2.7%         | None Detected       | 100%          |
| 035C      |        |                   |               | Trace Chrysotile                  |                   | √        |                                       |              |                     |               |
|           |        |                   |               | Detected.                         |                   |          |                                       |              |                     |               |
| FLA-036   | 82903  | Roof Edges        | Black Fibrous | Chrysotile 17%                    | 17%               |          | Not Required                          | N/A          | None Detected       | 83%           |
|           |        |                   | Flashing      |                                   |                   | √        |                                       |              |                     |               |
| DOD 007   | 82904  | Roof, Layer 1     | Black Roofing | Inconclusive.                     | <1.0%             | ┞        | Trace Chrysotile                      | <1.0%        | None Detected       | 100%          |
| ROF-037   | 82904  | KOOI, Layer 1     | Diack Rooting | Trace Chrysotile                  | <1.070            | V        | Trace on ysothe                       | ~1.0 /0      | None Dettetted      | 10070         |
|           |        |                   |               | Detected.                         |                   | ľ        |                                       |              |                     |               |
| ROF-      | 82905  | Roof, Layer 2     | Black Roofing | Trace Chrysotile                  | <1.0%             | ┢──      | <1.0% Residue                         | N/A          | None Detected       | 100%          |
| 037A      | _      |                   | Ŭ             |                                   |                   | V        | Remaining. TEM                        |              |                     |               |
| 00/11     |        |                   |               |                                   |                   |          | Not Required                          |              |                     |               |
| ROF-      | 82906  | Roof, Layer 3     | Black Fibrous | Chrysotile 35%                    | 35%               |          | Not Required                          | N/A          | None Detected       | 65%           |
| 037B      |        |                   | Roofing       |                                   |                   | √        |                                       |              |                     |               |
|           |        |                   |               |                                   |                   |          |                                       | 1.001        |                     |               |
| ROF-      | 82907  | Roof, Layer 4     | Black Roofing | Inconclusive.<br>Trace Chrysotile | <1.0%             |          | Trace Chrysotile                      | <1.0%        | None Detected       | 100%          |
| 037C      |        |                   |               | Detected.                         |                   | √        |                                       |              |                     |               |
|           | 82908  | Roof Edges        | Black Fibrous | Chrysotile 18%                    | 18%               |          | Not Required                          | N/A          | None Detected       | 82%           |
| FLA-038   | 02908  | Root Edges        | Flashing      | Citi ysocile 10%                  | 10%               | V        | not nequired                          | 176          | Hone Detected       | 0270          |
|           |        |                   | 0             |                                   |                   | ľ        |                                       |              |                     |               |
|           | 1      |                   | 1             |                                   |                   |          | · · · · · · · · · · · · · · · · · · · |              |                     |               |

### NVLAP

Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

 PLM Date Analyzed:
 10/1/2009

 Microscope:
 Olympus BH-2 #234206

 PLM Analyst:
 B. Weinman

TEM Date Analyzed: 10/2/2009 TEM Analyst: J. Peter Donato

Laboratory Results Approved By:

Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

| Transported to Paradigm By:<br>Received By:<br>Containerized materials attached to this<br>under regulated conditions. (Danger; Mi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Sampled By: 0.5                            |            | 10 FLA-138 |             | 8 RUE 0.32 M |          |             | 5 FLA-036 | 1 Rof-035 C | 3 Rof-035 B | 2 805-036 A | 1 RoF-035    | Client ID         | 1 Lo | Rachuster NY          | Client Mailing Address: | Job Ticket #: 34832        | 145 Lake Avenue, Rochester, NY 14608<br>585-454.1060 ' Pax 585-454.1062 | EIN V O I<br>environmental consultants, inc. | EMIOV                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------|------------|-------------|--------------|----------|-------------|-----------|-------------|-------------|-------------|--------------|-------------------|------|-----------------------|-------------------------|----------------------------|-------------------------------------------------------------------------|----------------------------------------------|-------------------------------|
| gm the state of the second sec | a/ Lade                                    |            | 908        | - 206       | 906          | 905-     | 904-        | 808       | 902-        | 106         | 900         | 62899        | Lab ID            | لح   |                       |                         | 1.                         |                                                                         |                                              | -<br>-                        |
| Transported to Paradigm Transported to Paradigm Transported to Paradigm Transported to Provide to Pro                                | ×                                          |            | + cdq=3    | 1 1 Ley 5 4 | ( Lay 15 3   | + 144452 | - 1-y-51    | cdares    | layer4      | lever 3     | 1 layor 2   | cost layer 1 | Sampling Location |      | 1000 Driving Park Ave | Date Sampled: 9.25.09   | Results To:<br>Gregg Mance | HI4. 8891                                                               | Lebella Associates                           | CHAIN OF CUSTODY FOR PLM ASBE |
| or provide LEW Contact many<br>TOTAL NUMBER OF SAMPLE<br>os. Asbestos is a known carcinogen and should o<br>r and Lung Disease Hazard)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            | CHECK ONE: |            |             |              | 1        | •           |           |             |             |             |              | n Do not Analyze  |      | Project Number:       |                         |                            |                                                                         | ates Rick Rote                               |                               |
| OF SAMPLES IN SURVEY:<br>1 and should only be handled b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS |            |            | (           |              |          | \<br>\<br>\ |           |             |             |             | BIK          | Color Size        |      | 09.1400               | NOB X TEM X             | 5 Other                    | lapc.com                                                                |                                              | STOS ANALYSIS                 |
| Transported to Paradigm By: Date: D                                            | N TEM ON NOBS                              | BULKS ONLY | Hicshing 1 |             |              |          | Scoting     | FLishing  | ,<br>-      |             |             | Vooting in T | Material          |      | 1 of 12 Cuc           | Logged In By: KS        | Date Logged In: 9/29/09    | Page Of O                                                               | 100 #: 11684-09                              | OFF                           |

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Roof, Building 4

### PLM & TEM BULK ASBESTOS REPORT

#### Client: Location:

Job No: 11685-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

|           |        | <i></i>           |                | PLM Asbestos                            | PLM      | N | TEM Asbestos  | TEM      | PLM           | PLM      |
|-----------|--------|-------------------|----------------|-----------------------------------------|----------|---|---------------|----------|---------------|----------|
|           |        |                   |                | Fibers Type &                           | Total    | 0 | Fibers Type & | Total    | Non-Asbestos  | Matrix   |
| Client ID | Lab ID | Sampling Location | Description    | Percentage                              | Asbestos | B | Percentage    | Asbestos | Fibers Type & | Material |
|           |        |                   |                |                                         |          |   |               |          | Percentage    | %        |
| ROF-039   | 82909  | Roof              | Black Roofing  | Inconclusive                            | 0%       |   | None Detected | <1.0%    | None Detected | 100%     |
|           |        |                   |                | No Asbestos<br>Detected                 |          | V |               |          |               |          |
| FLA-040   | 82910  | Roof Edge         | Black Flashing | Inconclusive<br>No Asbestos<br>Detected | 0%       | ٧ | None Detected | <1.0%    | Synthetic 1%  | 99%      |
| ROF-041   | 82911  | Roof              | Black Roofing  | Inconclusive<br>No Asbestos<br>Detected | 0%       | v | None Detected | <1.0%    | None Detected | 100%     |
| FLA-042   | 82912  | Roof Edge         | Black Flashing | Inconclusive<br>No Asbestos<br>Detected | 0%       | ٧ | None Detected | <1.0%    | Synthetic 1%  | 99%      |
|           |        |                   |                |                                         |          |   |               |          |               |          |
|           |        |                   |                |                                         |          |   |               |          |               |          |
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**NVLAD** Lab Code 200530-0 for PLM Analysis

ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{NOB}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

 PLM Date Analyzed:
 10/1/2009

 Microscope:
 Olympus BH-2 #233173

 PLM Analyst:
 F. Childs

TEM Date Analyzed: 10/1/2009 TEM Analyst: M. Hasenauer

Laboratory Results Approved By:

Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

| Transported to Paradigm The Star Stranger of Containerized materials attached to this Chain of Cust under regulated conditions. (Danger; May Contain A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | sampled By: 6. Selog rt                            | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8 | 6 | 5   | FLA OHA     | 040  | 1 1 10-039 0101 | _          | Location:            | 1                                           | Client Mailing Address: | Job Ticket #: 34832                      | <sup>5</sup> 145 Lake Avenue, Rochester, NY 14608<br>585-454 1060 ° Fax 585-454 1062 | ENVUY<br>environmental consultants, inc. |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|-----|-------------|------|-----------------|------------|----------------------|---------------------------------------------|-------------------------|------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------|
| Transported to Paradigm By:       Image: Image | sampled By: 6. Selog vt / S. Lindsay Date: 9.25.09 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |     | soof edge   | coof | Noot            |            | ROF Bilde 4          | project Location:<br>1000 Driving Park Ave. | Date Sampled: 0,25.09   | Results To:<br>Graga Mance               |                                                                                      |                                          | CHAIN OF CUSTODY FO                        |
| BER C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |     | ,<br>,<br>, | (    |                 | 0          | Do not Analyze Color | Project Number: 09.1400                     | Friable NOB X TEM X     | 1 2 3 5 Other<br>Material Type/Quantity: |                                                                                      |                                          | CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS |
| act name:<br>SAMPLES IN SURVEY:<br>Id should only be handled b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SERFORM T                                          | and the second se |   |   | - + | 1           |      | ,               | 1          | Size                 | Õ                                           | ×                       | er                                       | 3                                                                                    |                                          | AL YSIS                                    |
| ntact name:<br>SF SAMPLES IN SURVEY: 422<br>and should only be handled by trained and authorized personnel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EM ON NOBS                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |     | FLA (       |      |                 | rooting NG | Material Friability  | 12 CON                                      | n By                    | Date Logged In: 4/24/01                  | Page O of U2                                                                         | m# 11685-09                              | OFFICE USE ONLY                            |

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| a Mance<br>i-25:09<br>iark Ave.<br>S<br>e: 9.25.09<br>e: 9.25.09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ENVOY<br>environmental consultants, inc.              | client:<br>Lebella Associates | Contact:<br>Rick Rote                                                     |                                              | Client:<br>Lebella Associates Rick Rote | 11675-09                                         | 60                          |
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| Results To     Tom Around Time:     Some     Date Logged In: 9/2016       Periodic 10     0.25.09     Material Type/Cuantity:     Logged In: 9/2016       Project Location:     0.25.09     Material Type/Cuantity:     Logged In: 9/2016       Project Location:     0.25.09     Project Number:     0.1400     0.6 f 12 C0       No     Sampling Location:     0.001     Size     Material     Tribui       No     Sampling Location:     0.001     Size     Material     Tribui       VI     Face     Layer S     -     0.1     -     C0       ROF     Sampling Location:     Do not Analyze     Color     Size     Material     Tribui       VI     Face     Layer S     -     0.1     -     C0     AUF       SU2     tack     Layer S     -     10     -     ELA     AUF       Profess     tack     N     -     10     -     ELA     AUF       Profess     tack     N     -     N     -     10     P       Profess     tack     N     -     N     -     10     P       Profess     tack     N     -     N     -     10       Profess     tack     N <th>nue, Rochester, NY 14608 - 1<br/>60 * Fax 535.454.1062</th> <th></th> <th>Fax Number:<br/><b>FFOTE Globe</b></th> <th>apc. com</th> <th>Page</th> <th></th> <th>R</th>                                            | nue, Rochester, NY 14608 - 1<br>60 * Fax 535.454.1062 |                               | Fax Number:<br><b>FFOTE Globe</b>                                         | apc. com                                     | Page                                    |                                                  | R                           |
| Date Samplet $0.25.09$ Material Type/Quantity:     Logged in By: $V S$ Project Location     Project Number: $00.1400$ $3.6 f C C C C$ H     Icco bring location     Do not Analyze     Color     Size     Material     Friabili       ROOF     Samping Location     Do not Analyze     Color     Size     Material     Friabili       ROOF     Samping Location     Do not Analyze     Color     Size     Material     Friabili       ROOF     Samping Location     Do not Analyze     Color     Size     Material     Friabili       ROOF     Samping Location     Do not Analyze     Color     Size     Material     Friabili       ROOF     Roof     Location     Do not Analyze     Color     Size     Material     Friabili       ROOF     Roof     Location     Do not Analyze     Color     Size     Material     Friabili       RUL     Rule     Size     Material     Friabili     Color     Size     Material     Friabili       RUL     Locat Location     Denot Antonination     Size     Material     Rule     Material       RUL     Date:     Grade     Size     Material     Rule     Material       RUL     Date:                                                                                                                                             |                                                       | Results Toi Anan Mance        | Turn Around Time:       1     2     3                                     | 5 X Other                                    | Date L                                  | ogged In: 9                                      | 60/62                       |
| Project Location:     Project Number:     Og. 1400     2 6 f 72 C0       Rcor     Sampling Location     Do not Analyze     Color     Size     Material     Friabili       Cor     Location     Do not Analyze     Color     Size     Material     Friabili       Cor     Location     Do not Analyze     Color     Size     Material     Friabili       Cor     Location     Do not Analyze     Color     Size     Material     Friabili       Cor     Location     Do not Analyze     Color     Size     Material     Friabili       Cor     Location     Do not Analyze     Color     Size     Material     Friabili       Cor     Location     Do not Analyze     Color     Size     AUF       Cor     Location     Do not Analyze     Color     Size     Material       Cor     Location     Do not Analyze     Color     Size     Material       Cor     Location     Do not Analyze     Color     Size     Material       Cor     Location     Do not Analyze     Name     Name       Cor     Location     Size     Material     Ender       Cor     Location     Size     Location     Butks ont       Material <th>9</th> <th>Date Sampled: 0.25.09</th> <th>Material Type/Quan<br/>Friable NO</th> <th></th> <th>- Togge</th> <th>d In By: <i>fC</i> S</th> <th></th> | 9                                                     | Date Sampled: 0.25.09         | Material Type/Quan<br>Friable NO                                          |                                              | - Togge                                 | d In By: <i>fC</i> S                             |                             |
| Roof     Sampling Location     Do not Analyze     Color     Size     Material     Friabili       7     Fact     Lact     -     01K     -     Tac     NP       7     Fact     Lact     -     01K     -     ELA     NP       8     Lact     Color     Size     -     01K     -     ELA     NP       10     Lact     Lact     NO     NO     -     ELA     NP       10     Lact     Lact     NO     NO     -     NO     NP       10     Lact     NO     ND     ND     -<                                                                                                                                                                                                                                                                                                                                                                | 1                                                     | Project Location:             | Project Number:                                                           | 1                                            | R                                       | F 12 6                                           | 200                         |
| Do not Analyze     Color     Size     Material     Friabili       -     -     D1K     -     T.C.     1/F       -     -     D1     -     T.C.     1/F       -     -     D1     -     D1     1/F       -     -     D1     -     D1     1/F       -     -     D1     -     D1     1/F       -     -     D1     D1     D1     1/F       -     -     D1     D1     D1     D1       -     -     -     D1     D1     D1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ř                                                     | ØF                            |                                                                           |                                              |                                         | ╞                                                |                             |
| -     DIK     -     Tes     UP       -     -     -     -     Tes     UP       -     -     -     -     -     -     UP       -     -     -     -     -     -     -     UP       -     -     -     -     -     -     -     -     UP       -     -     -     -     -     -     -     -     -       -     -     -     -     -     -     -     -     -     -       -     -     -     -     -     -     -     -     -     -       -     -     -     -     -     -     -     -     -     -       -     -     -     -     -     -     -     -     -     -       -     -     -     -     -     -     -     -     -     -       -     -     -     -     -     -     -     -     -       -     -     -     -     -     -     -     -     -       -     -     -     -     -     -     -     -       -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ab ID                                                 |                               | Do not Analyze                                                            | _                                            | -                                       | ┥                                                | 'iability                   |
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| CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS<br>or provide TEM contact name:<br>TOTAL NUMBER OF SAMPLES IN SURVEY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 Lohow /                                             | Linden Date 9.75.19           | CHECK ONE:                                                                | SURVEY                                       |                                         | BULKS ONLY                                       |                             |
| Total NUMBER OF SAMPLES IN SURVEY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       | 0-1-1 0.25.10                 | CHECK TO AUTOM                                                            | ATICALLY PERFO<br>tact name:                 | RM TEM ON N                             | IOBS                                             |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | to Paradigm UN CL                                     | 5                             | TOTAL NUMBER O                                                            | F SAMPLES IN SU                              | RVEY:                                   |                                                  | CH                          |

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| CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS OFFICE USE ONLY<br>client:<br>Lebella Associates Rick Rate Job #: 1/677-09 | 2                                                                                                                |                            | Material Type/Quantity:<br>Friable NOB X TEM X     | reation: Cark AVE. Project Number: 09.1400 4 07 12 COC |              | Do not Analyze Color Size | #1 1st lauge - Bill - Roohing NF | er - Bic -  | ner - Blic - | - 8k - A | 2 1st layer - sik - | zno layer - relt - | 4 |       |     |    |                                             | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS | Date: 9/20/09 TOTAL NUMBER OF SAMPLES IN SURVEY: | ody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------|--------------------------------------------------------|--------------|---------------------------|----------------------------------|-------------|--------------|----------|---------------------|--------------------|---|-------|-----|----|---------------------------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| CHAIN OF CUSTODY<br>Client:<br>Lebella Associa:                                                                       | 2                                                                                                                | Results To<br>Predor Mance | Date Sampled: 0.25.09                              | Project Location:<br>ICTO Driving Park A.R.            | COF, BIDA. 2 | Sampling Location         | 9 Sout #1 12 law                 | 1   2MD   a | A 363 10     |          | 2 /35               | 2nd                | 4 | Sut#2 | • • |    | Samular Bu G Labout / Linden Date: 9.9.5.09 | 26/2 000 0.201                             | Date:                                            |                                                                                                                         |
| ENVOY<br>environmental consultants, inc.                                                                              | 7 145 Lilte Avenue, Rochester, NY 14608 - Phone Number<br>585-154 tetto - Fax 585-154 14608 - 144 - <b>F 8</b> 6 | Job Ticket #: 34832        | Client Malling Address:<br>Z.o. State of Suite 201 | Partaster NV 141014                                    | Location:    | ab I                      | 4 8284                           | 85          | 82           | 64-010   |                     | 6 20F.0/14 854     |   |       |     | 01 | mind Build Labourt /                        |                                            | Received By:                                     | Containerized materials attached to this Chain of Custody may contain                                                   |

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| Containerized materials                                                                                        |                                    | Transported to Paradiam Bo   | sampled By: 6. Sobert / B. Linds |            | 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6 | 8 | 7 | 6 FLA-008  | 5 Rof 007.4 | 4 Rof -007 | 3 FLA-006 | 2 205-0054 | 1805-005     | Client ID         | General Locat | Reckester NY 14614    | So stre St. S.   | 34852                   | Job Ticket #:/    | 585.454.1060 * Fax 585.454.1062 | environmental consultants, and | ENVOY                   |                                            |
|----------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------|----------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|------------|-------------|------------|-----------|------------|--------------|-------------------|---------------|-----------------------|------------------|-------------------------|-------------------|---------------------------------|--------------------------------|-------------------------|--------------------------------------------|
| attached to this C                                                                                             | the la a                           | diam Br                      | iebert/6                         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   | 848        | th8         | 948        | ShR       | hh8        | 82843        | Lab ID            | 4             | hand                  | 102              | 1                       |                   | 585.454.1062                    | osfer: NY 14608                | Y                       | 4                                          |
| Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen |                                    | Dily Date: 9.75.09           | 1. Lundsay Date: 4.25.09         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   | I rogaz.   | 1-4-52      | Ly:51      | edit      | 1 Lyis 2   | Seof lexis 1 | Sampling Location | COF BILY/6    | 100 Driving Park Ave. | 5.09             | Bate Sampler Mance      |                   | +14.8891                        | Phone Number:                  | Jahasta Acconiatas      | CHAIN OF CUSIODY FOR PLM ASBESTOS AWALTSIS |
| nogen                                                                                                          | TOTAL NUMBER OF SAMPLES IN SURVEY: | or provide TEM contact name: |                                  | CHECK ONE: | n de la de la de la desta d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   | \$         | 1           | \          | \         |            | <u>\</u> }   | Do not Analyze    |               | Project Number:       | Friable NO       | Material Type/Quantity: | Turn Around Lime: | rrate@labellapc.com             | Fax Number:                    | Pit Pite                | Contact:                                   |
| and should only                                                                                                | F SAMPLES                          | ntact name:                  |                                  | SURVEY     | and an arrange of the second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   | ŀ          |             |            |           | -          | SIK          | Color             |               | 09.1400               | в Х тем Х        | tity:                   |                   | llapc.co                        |                                |                         | NIN SOL                                    |
| be handled b                                                                                                   | N SURVEY:                          |                              | CDEODM TE                        | 2          | a supported in the second s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   | 1          | 1           | }          | )         | \$         | 1            | SIZe              |               | õ                     | ×                | er                      | ]                 |                                 |                                |                         | HL I SIS                                   |
| and should only be handled by trained and authorized personnel                                                 |                                    |                              | M ON NORS                        | BULKS ONLY | an and a substant of the owner of the second of the second s |   |   |   | <b>FLA</b> |             | KGF        | TLA       |            | Rot          | Wateriai          |               | 307721702             | Logged In By: ドン |                         | Data I parend in: | Page                            | . 1                            | רים # doL<br>מיוי # doL |                                            |
| ized personnel                                                                                                 | 42                                 |                              |                                  | NLY        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | - |   |            |             |            |           |            | , UF         | THADING           | Erishility    | 202                   | すい               | 101011                  | aha ha            | of D                            |                                | 1676-07                 |                                            |

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Labella Associates

Roof, Building 11

# PLM & TEM BULK ASBESTOS REPORT

Client: Location: Job No: 11674-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

|           |        |                   | ]                 | PLM Asbestos            | PLM      | N | TEM Asbestos                   | TEM      | PLM              | PLM      |
|-----------|--------|-------------------|-------------------|-------------------------|----------|---|--------------------------------|----------|------------------|----------|
|           |        |                   |                   | Fibers Type &           | Total    | 0 | Fibers Type &                  | Total    | Non-Asbestos     | Matrix   |
| Client ID | Lab ID | Sampling Location | Description       | Percentage              | Asbestos | В | Percentage                     | Asbestos | Fibers Type &    | Material |
|           |        |                   |                   |                         |          |   |                                |          | Percentage       | %        |
| ROF-001   | 82831  | Roof, Layer 1     | Black Roofing     | Inconclusive            | 0%       |   | None Detected                  | <1.0%    | Cellulose 5%     | 95%      |
|           |        |                   |                   | No Asbestos<br>Detected |          | V |                                |          |                  |          |
| ROF-      | 82832  | Roof, Layer 2     | Black Fibrous     | Inconclusive            | 0%       |   | None Detected                  | <1.0%    | Cellulose 15%    | 85%      |
| 001A      |        |                   | Roofing           | No Asbestos<br>Detected |          | V |                                |          |                  |          |
| ROF-      | 82833  | Roof, Layer 3     | Black Fibrous     | Inconclusive            | 0%       |   | None Detected                  | <1.0%    | Cellulose 5%     | 55%      |
| 001B      |        |                   | Roofing           | No Asbestos<br>Detected |          | V |                                |          | Mineral Wool 40% |          |
| ROF-      | 82834  | Roof, Layer 4     | Black Fibrous     | Inconclusive            | 0%       |   | None Detected                  | <1.0%    | Cellulose 5%     | 65%      |
| 001C      |        |                   | Roofing           | No Asbestos<br>Detected |          | ۷ |                                |          | Mineral Wool 30% |          |
| TAR-      | 82835  | Roof, Layer 5     | Black Fibrous Tar | Inconclusive            | 0%       |   | None Detected                  | <1.0%    | Cellulose 10%    | 85%      |
| 001D      |        |                   |                   | No Asbestos<br>Detected |          | V |                                |          | Mineral Wool 5%  |          |
| FLA-002   | 82836  | Roof Edge         | Black Fibrous     | Chrysotile 11%          | 11%      |   | Not Required                   | N/A      | Cellulose 10%    | 79%      |
| 1         |        |                   | Flashing          |                         |          | V |                                |          |                  |          |
| ROF-003   | 82837  | Roof, Layer 1     | Black Fibrous     | None Detected           | 0%       |   | <1.0% Residue                  | N/A      | Cellulose 10%    | 85%      |
|           |        |                   | Roofing           |                         |          | ۷ | Remaining. TEM<br>Not Required |          | Mineral Wool 5%  |          |
| ROF-      | 82838  | Roof, Layer 2     | Black Fibrous     | Inconclusive            | 0%       |   | None Detected                  | <1.0%    | Cellulose 15%    | 85%      |
| 003A      |        |                   | Roofing           | No Asbestos<br>Detected |          | ۷ |                                |          |                  |          |
| ROF-      | 82839  | Roof, Layer 3     | Black Fibrous     | Inconclusive            | 0%       |   | None Detected                  | <1.0%    | Cellulose 10%    | 75%      |
| 003B      |        |                   | Roofing           | No Asbestos<br>Detected |          | ۷ |                                |          | Mineral Wool 15% |          |
| ROF-      | 82840  | Roof, Layer 4     | Black Fibrous     | Inconclusive            | 0%       |   | None Detected                  | <1.0%    | Cellulose 10%    | 70%      |
| 003C      |        |                   | Roofing           | No Asbestos             |          | V |                                |          | Mineral Wool 20% |          |
|           |        |                   |                   | Detected                |          |   |                                |          |                  |          |

#### NVLAD Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

 PLM Date Analyzed:
 10/1/2009

 Microscope:
 Olympus BH-2 #232953

 PLM Analyst:
 J. Peter Donato

TEM Date Analyzed: 10/1/2009 TEM Analyst: M. Hasenaue

Laboratory Results Approved By:

**Asbestos Technical Director** 

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

Mary Dohr

|                                                   |                                        | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |                 |              |                                   |               |
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| FNVOV                                             | AV.                                    | Client:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Contact:                                   |                 |              |                                   |               |
| environmental consultants, inc.                   | J 🛓<br>ultants, inc.                   | Lohella Associates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Rick Rote                                  |                 |              | 50-hte111 :# gor                  | -09           |
| 125 Lake Avenue, Rochester, NY 14608 Phone Number | ster, NY 14608                         | Phone Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fax Number:                                |                 |              | 7                                 | (             |
| 585-454.1060 * Fax 585-454.1062                   | 85.454.1062                            | -114. F891                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | rrote abbilate. com                        | llapc. col      | ¥            | Page                              | , ()<br>()    |
| Job Ticket #: 2.19                                | 57820                                  | Results To:<br>Chann MAINE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Turn Around Time:       1                  | 2 CH            | Other        | Date Logged In: 9 Date (0 9       | 9/20/09       |
| Client Mailing Address                            |                                        | Date Sampled: 0.9C.19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ype/Qt                                     |                 | *            | Loaded In BV: KS                  | <u> </u>      |
| ברייער אות ותויות                                 | אות ותזיוק                             | Project Location:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ct.Numb                                    | ģ               | Q            | 10512 CO(                         | COC           |
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| Client ID                                         | de.                                    | Sampling Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Do not Analyze                             | Color           | Size         | Material                          | Friability    |
| $\frac{1}{2}$                                     | 12458                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ſ                                          | BIK             | 1            | ROF                               | S L           |
|                                                   | 020                                    | T -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>(</b>                                   | -               | 1            | ROF                               |               |
|                                                   | 833                                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                                          |                 | (            | Rof                               |               |
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| STAR-DAN                                          | 835                                    | 16455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                          |                 | ۱            | Ter                               |               |
| FLA-002                                           | 15                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (                                          |                 | {            | FLA                               |               |
| Poc - 003                                         | * 837×                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                          |                 | (            | ROF                               |               |
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| 9 ROF-CO3 B                                       | 839                                    | Leyer 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (                                          |                 | 1            | ROF                               |               |
| 10 ROFOO3C                                        | 640                                    | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (                                          | ł               |              | ROF                               |               |
| N Sura Dolores                                    | blowt A                                | Complete Build Light the Linker, Dates Q. 7 5.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CHECK ONE:                                 | SURVEY          | 2            | BULKS ONLY                        | NLY NLY       |
|                                                   |                                        | to the second se | CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS | ATICALLY PI     | ERFORM TE    | M ON NOBS                         | 7             |
| Transported to Paradigm By Let                    | ligm Erker                             | 2 Lar Date: 9.25-09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | or provide TEM contact name:               | ntact name:     |              |                                   |               |
| Received By:                                      | 10                                     | Date: 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TOTAL NUMBER OF SAMPLES IN SURVEY:         | F SAMPLES I     | N SURVEY:    |                                   | CH            |
| Containerized materials &                         | attached to this C<br>ns. (Danger; Ma) | Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel<br>requlated conditions. (Danger; May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | is a known carcinogen :<br>Nisease Hazard) | and should only | be handled b | y trained and authori             | zed personnel |
| k ho thôm                                         | han                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                            |                 | 10           | nt McChain Emonyments 4 of 08 vis | a or oR vie   |

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Labella Associates

Roof B-11

# PLM & TEM BULK ASBESTOS REPORT

#### Client:

Location:

Job No: 11675-09 Page: 1 of 2

1000 Driving Park Avenue, Rochester, New York

Sample Date: 9/25/2009

|           |        |                   |                           | PLM Asbestos<br>Fibers Type & | PLM<br>Total | N<br>O | TEM Asbestos<br>Fibers Type & | TEM<br>Total | PLM<br>Non-Asbestos | PLM<br>Matrix |
|-----------|--------|-------------------|---------------------------|-------------------------------|--------------|--------|-------------------------------|--------------|---------------------|---------------|
| Client ID | Lab ID | Sampling Location | Description               | Percentage                    | Asbestos     | B      | Percentage                    | Asbestos     | Fibers Type &       | Material      |
|           |        |                   |                           |                               |              |        |                               |              | Percentage          | %             |
| TAR-      | 82841  | Roof Layer 5      | Black Fibrous Tar         | Inconclusive                  | 0%           |        | None Detected                 | <1.0%        | None Detected       | 100%          |
| 003D      |        |                   |                           | No Asbestos<br>Detected       |              | ۷      |                               |              |                     |               |
| FLA-004   | 82842  | Roof Edge         | Black Fibrous<br>Flashing | Chrysotile 11%                | 11%          | ٧      | Not Required                  | N/A          | None Detected       | 89%           |
|           |        |                   |                           |                               |              |        |                               |              |                     |               |
|           |        |                   |                           |                               |              |        |                               |              |                     |               |
|           |        |                   |                           |                               |              |        |                               |              |                     |               |
|           |        |                   |                           |                               |              |        |                               |              |                     |               |
|           |        |                   |                           |                               |              |        |                               |              |                     |               |
|           |        |                   |                           |                               |              |        |                               |              |                     |               |
|           |        |                   |                           |                               |              |        |                               |              |                     |               |
|           |        |                   |                           |                               |              |        |                               |              |                     |               |

# NVLAJ

**PLM Analyst:** 

Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{}$  NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

 PLM Date Analyzed:
 10/1/2009

 Microscope:
 Olympus BH-2 #232953

J. Peter Donato

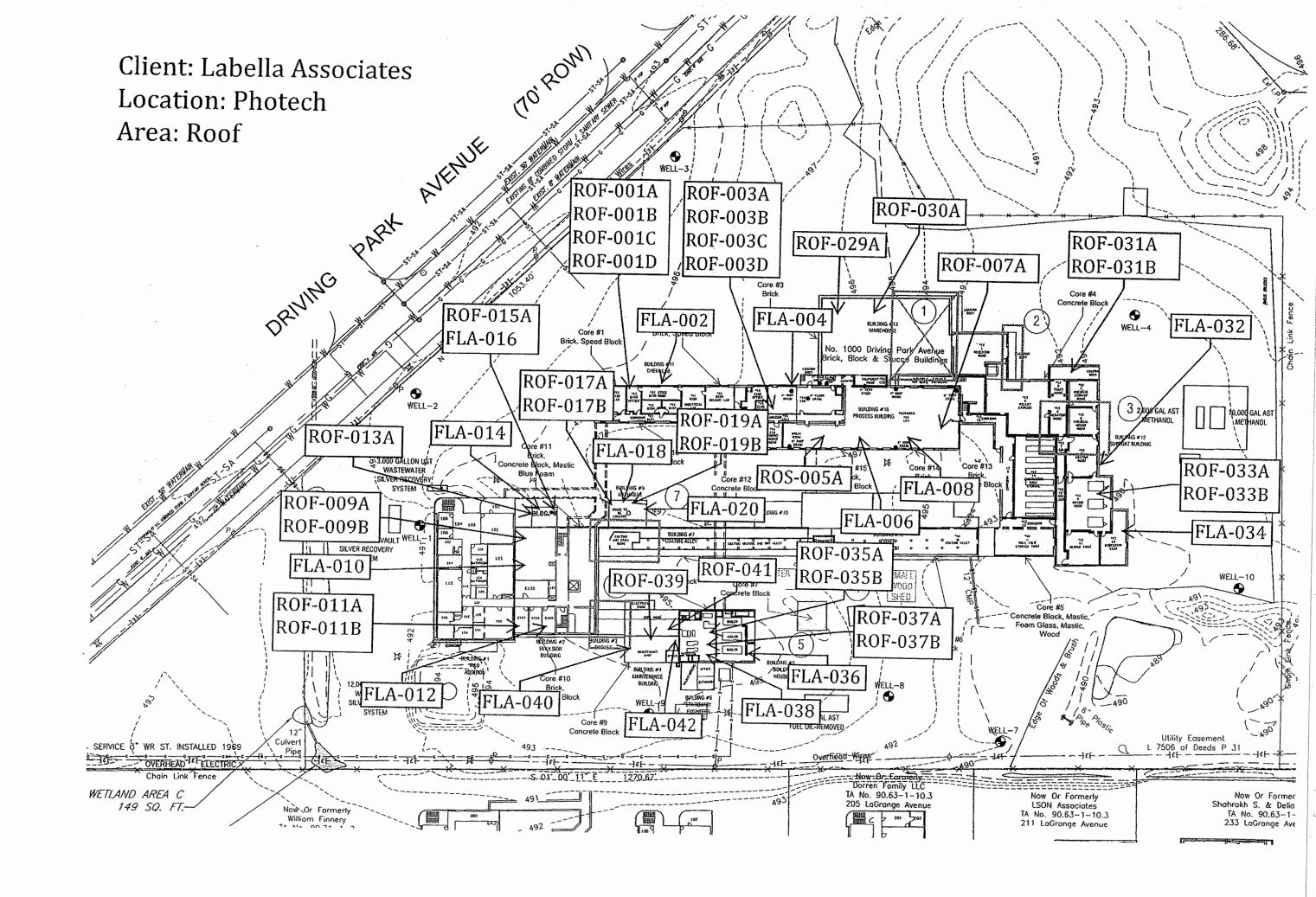
TEM Date Analyzed: 10/1/2009 TEM Analyst: M. Hasenauer

Laboratory Results Approved By:

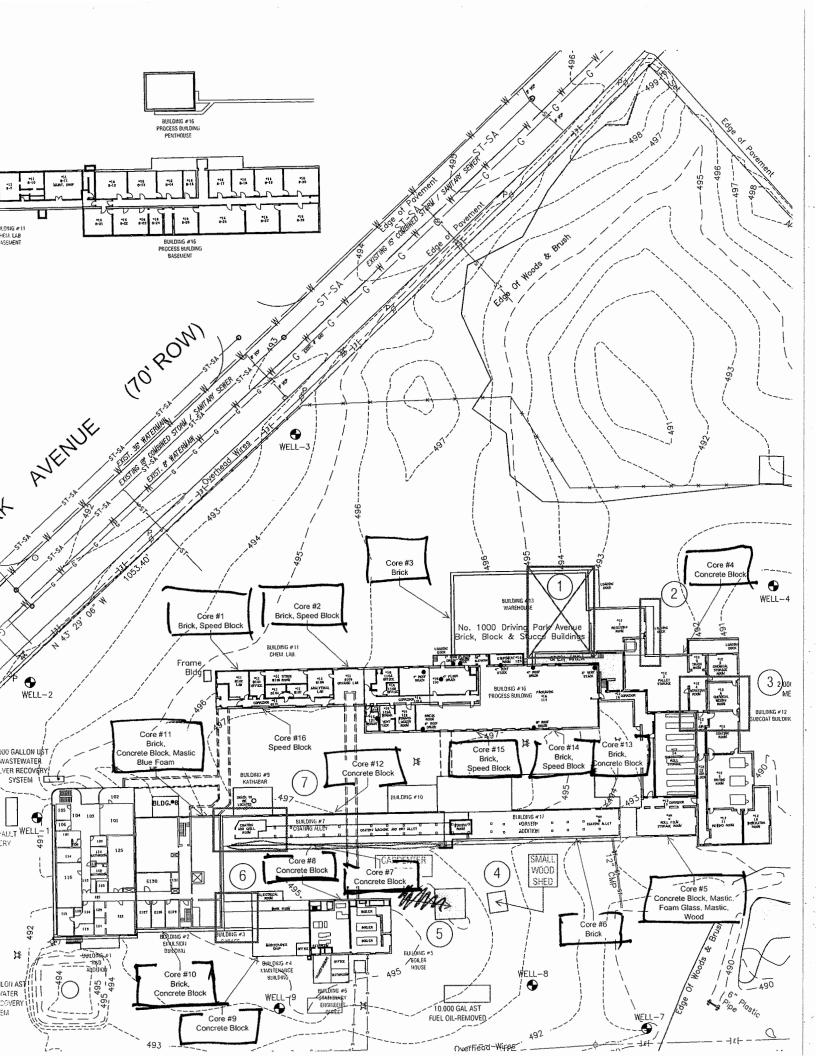
Asbestos Technical Director

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Mary Dohr



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179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

# PLM & TEM BULK ASBESTOS REPORT

Client: Location: Labella Associates Former Photech Imaging Systems Job No: 10741-09 Page: 1 of 2

Sample Date: 9/3/2009

|           |        |                                 |                         | PLM Asbestos      | PLM      | N        | TEM Asbestos  | TEM      | PLM           | PLM      |
|-----------|--------|---------------------------------|-------------------------|-------------------|----------|----------|---------------|----------|---------------|----------|
|           |        |                                 |                         | Fibers Type &     | Total    | 0        | Fibers Type & | Total    | Non-Asbestos  | Matrix   |
| Client ID | Lab ID | Sampling Location               | Description             | Percentage        | Asbestos | В        | Percentage    | Asbestos | Fibers Type & | Material |
|           |        |                                 |                         | -                 |          |          |               |          | Percentage    | %        |
| MAS-001   | 76359  | <b>Building 2 Core Location</b> | Brown Mastic            | Inconclusive      | 0%       | <u> </u> | None Detected | <1.0%    | None Detected | 100%     |
|           |        | #11                             |                         | No Asbestos       |          | l√       |               |          |               |          |
|           |        |                                 |                         | Detected          |          |          |               |          |               |          |
| WPL-002   |        | Building 2 Core Location        | White Wall Plaster      | None Detected     | 0%       |          | Not Required  | N/A      | None Detected | 100%     |
|           |        | #11                             |                         |                   |          |          |               |          |               |          |
| MAS-003   | 76361  | Building 2 Core Location        | Brown Mastic            | Inconclusive      | 0%       |          | None Detected | <1.0%    | None Detected | 100%     |
| 1.110 000 |        | #11                             |                         | No Asbestos       |          | V        |               |          |               |          |
|           |        |                                 |                         | Detected          |          | ľ        |               |          |               |          |
| WPL-004   | 76362  | Building 2 Core Location        | White Wall Plaster      | None Detected     | 0%       |          | Not Required  | N/A      | None Detected | 100%     |
|           |        | #11                             |                         |                   |          |          |               |          |               |          |
|           | 7(2)(2 | Duilding 12 Cours               | Brown Fibrous           | Churrentile 250/  | 35%      |          | Net Desuined  | N/A      | None Detected | (50)     |
| MAS-005   |        | Building 12 Core<br>Location #5 | Brown Fibrous<br>Mastic | Chrysotile 35%    | 35%      |          | Not Required  | N/A      | None Detected | 65%      |
|           |        | Location #5                     | mastic                  |                   |          | V        |               |          |               |          |
| WPL-006   | 76364  | Building 12 Core                | Gray Wall Plaster       | None Detected     | 0%       |          | Not Required  | N/A      | None Detected | 100%     |
|           |        | Location #5                     |                         |                   |          |          |               |          |               |          |
| MAS-007   | 76365  | Building 12 Core                | Black Fibrous           | Chrysotile 27%    | 27%      | <u> </u> | Not Required  | N/A      | None Detected | 73%      |
| MAS-007   | 70303  | Location #5                     | Mastic                  | Cill ysothe 27 70 | 2770     | V        | Not Nequireu  | МЛ       | None Detected | 1370     |
|           |        |                                 |                         |                   |          | V        |               |          |               |          |
| MAS-008   | 76366  | Building 12 Core                | Brown Fibrous           | Chrysotile 17%    | 17%      |          | Not Required  | N/A      | None Detected | 83%      |
|           |        | Location #5                     | Mastic                  |                   |          | √        |               |          |               |          |
|           |        |                                 |                         |                   |          |          |               |          |               |          |
| WPL-009   | 76367  | v                               | Gray Wall Plaster       | None Detected     | 0%       |          | Not Required  | N/A      | None Detected | 100%     |
|           |        | Location #5                     |                         |                   |          |          |               |          |               |          |
| MAS-010   | 76368  | Building 12 Core                | Black Mastic            | Sample Not        | N/A      |          | N/A           | N/A      | N/A           | N/A      |
| 1440-010  |        | Location #5                     |                         | Analyzed No       |          | V        |               |          | ,             | ,        |
|           |        |                                 |                         | Mastic Present    |          | ľ        |               |          |               |          |

#### **NVLAD** Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

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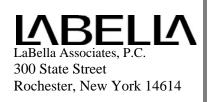
\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

| PLM Date Analyzed: | 9/8/2009             | TEM Date Analyzed: 9/10/2009    | $\left( \right)$              |
|--------------------|----------------------|---------------------------------|-------------------------------|
| Microscope:        | Olympus BH-2 #233173 | TEM Analyst: J. Peter Donato    |                               |
| PLM Analyst:       | F. Childs            | $h \rightarrow c$               | $\langle \mathcal{X} \rangle$ |
|                    |                      | Laboratory Results Approved By: | Tel                           |
|                    |                      | Asbestos Technical Director     | Mary Dohr                     |

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Rev. 1 0.27.2006

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# Appendix 7

**Asbestos Survey Report** 



Engineering Architecture Environmental

# Asbestos Materials Survey Building 13, Three Sheds & Debris

Location: Former Photech Facility 1000 Driving Park Avenue Rochester, New York

Prepared for: City of Rochester

LaBella Project No. 209288

October 2009

# Asbestos Materials Survey Building 13, Three Sheds & Debris

Location: Former Photech Facility 1000 Driving Park Avenue Rochester, New York

> Prepared for: City of Rochester

LaBella Project No. 209288

October 2009

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| II.  | Site Description                     | 2    |
| III. | Document Review                      | 2    |
| IV.  | Survey Procedures                    | 2    |
| V.   | Asbestos Survey Results              | 3    |
| Bulk | Sample Summary Tables                |      |
| Appe | ndix A – Asbestos Survey Fact Sheet  |      |
| Appe | ndix B – Licenses and Certifications |      |
| Appe | ndix C – Laboratory Analyses Reports |      |

# I. Project Summary

LaBella Associates, P.C. conducted an asbestos materials survey of limited areas of the former Photech Facility located at 1000 Driving Park Avenue in the City of Rochester, New York. Based on information obtained using the procedures described in the Survey Procedures portion of this report (below), the following summarizes the results of this investigation:

#### **Confirmed Asbestos-Containing Materials (ACMs)**

Based on laboratory analyses of bulk samples collected by LaBella Associates from the structures listed below, the following materials were determined to contain asbestos:

#### **Building 13**

| Type of Material | Typical Location           | <b>Estimated Amount</b> | Friability  | Condition |
|------------------|----------------------------|-------------------------|-------------|-----------|
| Caulk            | Around South Door<br>Frame | 20 Linear Feet          | Not Friable | Good      |

Based on document review of reports previously completed by others, the following materials contain asbestos in Building 13:

- White Pipe Insulation (400 Linear Feet)
- Pipe Insulation Debris
- Red/Black Duct Insulation, Roof (20 Square Feet) Material not observed during Survey
- Black Foam Pipe Insulation Mastic, Fan Room (50 Linear Feet) Material not observed during Survey

#### **Carpenter Shed**

| <b>Type of Material</b>       | <b>Typical Location</b>         | <b>Estimated Amount</b> | Friability | Condition |
|-------------------------------|---------------------------------|-------------------------|------------|-----------|
| White Fire Door<br>Insulation | North Side of Shed on<br>Ground | 64 Square Feet          | Friable    | Poor      |
| White Debris                  | South Side of Shed on<br>Ground | 12 Square Feet          | Friable    | Poor      |

Based on document review of reports previously completed by others, the following materials contain asbestos in the Carpenter Shed (Materials in *italics* are included in the Estimated Amount above):

- White Fire Door Insulation
- Black Roof Membrane (150 Square Feet) Material not observed during Survey

#### Wood Shed

Based on laboratory analyses of bulk samples collected from the Wood Shed by LaBella Associates, no materials were determined to contain asbestos.

Based on document review of previous reports, no asbestos-containing materials were identified in the wood shed.

- 1 -Asbestos Materials Survey Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



#### **Building 15 (Shed)**

No suspect asbestos-containing materials were observed in Building 15 by LaBella Associates.

Based on document review of previous reports, no asbestos-containing materials were identified in the Building 15.

# **II.** Site Description

The Site is located at 1000 Driving Park Avenue in the City of Rochester, New York. The facility consists of numerous buildings with reported construction dates ranging from circa 1948 to as recent as the early 1980's. Building construction for the facility varies, i.e. one-story brick buildings with full basements, two-story production areas and multi-story offices and laboratories.

# **III.** Document Review

A report prepared by others titled "Asbestos Survey at the Photech Imaging Systems" dated April-June 1999 was reviewed by LaBella Associates. Refer to Section I for asbestos containing materials identified in this report.

Laboratory data by others dated June 2008 was reviewed by LaBella Associates. Refer to Section I for asbestos containing materials identified in this data.

# **IV.** Survey Procedures

The following procedures were used to obtain the data for this Report:

- A. A visual inspection of the site was conducted to identify potential visible/accessible sources of asbestos-containing materials. Both the interior and exterior of the buildings were examined for the possible presence of asbestos.
- B. Bulk samples of suspected asbestos-containing materials (ACMs) were collected during the site inspection.
- C. Asbestos samples were submitted for analysis. Preliminary Polarized Light Microscopy analyses of non-friable, organically bound (NOB) materials were performed by LaBella Laboratories, a NYSDOH approved laboratory, to determine the presence and percentage of asbestos in each sample. Transmission electron microscopy analyses of NOB materials, if necessary, were performed by AMA Analytical, Inc.
- D. Lab results were used to determine the approximate location, type, and amount of the verified ACMs. Results of bulk sample analyses are tabulated in the attached Asbestos Sampling Forms.

**Limitations:** Only accessible areas were inspected. No investigation was conducted by LaBella Associates to determine the presence of underground utilities on or in the immediate vicinity of the Site.

# V. Asbestos Survey Results

## **Confirmed ACM**

Based on laboratory analyses of bulk samples collected, the following materials were determined to contain asbestos. See the above Project Summary Section of this Report for the estimated amount, friability and condition of each type material.

# **Building 13 (Former Warehouse)**

#### **Pipe Insulation**

Asbestos-containing pipe insulation is suspended from the remaining intact ceiling of the former warehouse. Pipe insulation debris is also located on the floor and on material in the structure. Asbestos-containing material may also be present beneath the collapsed roof.

#### **Exterior Caulk**

Asbestos-containing brown exterior caulk is located around the door frames of the former warehouse, between the door frame and the building face.

#### **Carpenter Shed**

#### **Fire Door Insulation**

Sections of asbestos-containing white fire door insulation are located on the ground floor of the building, along the north wall. Insulation debris was also located on the ground near the fire doors.

#### **Asbestos-Containing Debris**

Asbestos-containing white debris is located on floor of the building near the south entrance.

#### Wood Shed

No asbestos-containing materials were identified on the interior or exterior of the shed.

### **Building 15 (Shed)**

No asbestos-containing materials were identified on the interior or exterior of the shed.

## **Debris Piles**

#### Black Tar/Tar Paper Asbestos-containing black tar/tar paper is located within two debris piles.

#### **Asbestos Cement Sheet**

Asbestos-containing cement sheet (Transite) is located within two debris piles.

Y:\Rochester, City\209288.03 Asbestos\Reports\RPT Bid Pack 1 AMC Rpt.DOC

- 3 -Asbestos Materials Survey Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



# Asbestos Bulk Sample Summary Tables

# LaBella Asbestos Bulk Sample Summary Table

#### Former Photech Facility 1000 Driving Park Avenue

#### LaBella Project No. 209288

## Building #13

| Sample #      | Sample Location               | Type of Material           | Results %<br>Asbestos |  |
|---------------|-------------------------------|----------------------------|-----------------------|--|
| BLDG13-<br>1A | Floor Debris                  | Pipe Fitting<br>Insulation | 37%                   |  |
| ROF-029       | Spot 1, 1 <sup>st</sup> Layer | Black Roofing              | None Detected         |  |
| ROF-09A       | Spot 1, 2 <sup>nd</sup> Layer | Black Roofing              | None Detected         |  |
| ROF-030       | Spot 2, 1 <sup>st</sup> Layer | Black Roofing              | None Detected         |  |
| ROF-030A      | Spot 2, 2 <sup>nd</sup> Layer | Black Roofing              | None Detected         |  |

## **Carpenter Shed**

| Sample # | Sample Location                          | Type of Material | Results %<br>Asbestos |
|----------|------------------------------------------|------------------|-----------------------|
| CS-1A    | North Floor of Shed                      | Door Insulation  | 10% Amosite           |
| CS-2A    | 2 <sup>nd</sup> Floor North Side of Shed | Ceiling Tile     | None Detected         |
| CS-3A    | South Entrance on Floor                  | Debris           | 16% Amosite           |

#### Wood Shed

|          |                         | <b>Type of Material</b> | <b>Results %</b> |
|----------|-------------------------|-------------------------|------------------|
| Sample # | Sample Location         |                         | Asbestos         |
|          |                         |                         |                  |
| WS-1A    | Roof of Small Wood Shed | Roofing Material        | None Detected    |



# **Appendix A Asbestos Survey Fact Sheet**

# Asbestos Survey Fact Sheet (cont.)

#### **Building 13** List of Homogeneous Areas (Items in Bold Confirmed ACM)

White Pipe Insulation

Black Roof Felts

White Deck Insulation

Gray Wall Caulk

Brown Wall Caulk

# **Carpenter Shed**

List of Homogeneous Areas (Items in Bold Confirmed ACM)

White Fire Door Insulation

White Ceiling Tile

Black Roof Material

Wood Shed List of Homogeneous Areas (Items in Bold Confirmed ACM)

**Roofing Material** 

Chemical Shed List of Homogeneous Areas (Items in Bold Confirmed ACM)

No suspect materials

- 2 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288

**LABELIA** 

# Asbestos Survey Fact Sheet (cont.)

**Building 13** List of Homogeneous Areas (Items in Bold Confirmed ACM)

White Pipe Insulation

Black Roof Felts

Black Roofing Cement

White Deck Insulation

Gray Wall Caulk

| Brown | Wall Caulk |
|-------|------------|
|       |            |
|       |            |

**Carpenter Shed** List of Homogeneous Areas (Items in Bold Confirmed ACM)

White Fire Door Insulation

White Ceiling Tile

Black Roof Membrane

Wood Shed List of Homogeneous Areas (Items in Bold Confirmed ACM)

**Roofing Material** 

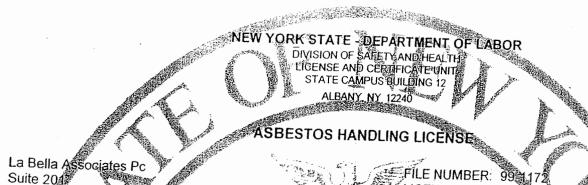
**Chemical Shed** List of Homogeneous Areas (Items in Bold Confirmed ACM)

No suspect materials

- 2 -Asbestos Materials Assessment Former Photech Facility 1000 Driving Park Avenue, Rochester, New York LaBella Project No. 209288



# Appendix B Licenses and Certifications



Suite 204 300 State Street Rochester NY 1461

LICENSE NUMBER: 29278 LICENSE CLASS: RESTRICTED DATE OF ISSUE: 01/16/2009 EXPIRATION DATE: 01/31/2010

Buly Authorized Representative Sergio Estepan

This license has been issued in accordance with applicable provisions of Arnole 30 of the Labor Law of New York State and of the New Xork State Codes, Rules and Regulations (12 NY CRR Part 56). It is subject to suspension or revocation for a (1) seriods violation of state, federal or local laws with regard to the conductor an assestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving aspestos or aspestos material.

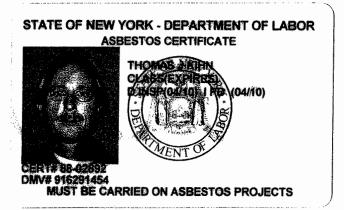
This license is valid only for the contractor named above and this license of a photocopy must be prominently displayed at asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

SH 432 (4-07)

FOR

WALK CONTRACTOR

Maureen A. Cox, Director FOR THE COMMISSIONER OF LABOR



#### NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER RICHARD F. DAINES, M.D.-



Expires 12:01 AM April 01, 2010 Issued April 01, 2009

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614 NY Lab Id No: 11184 EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material Asbestos in Non-Friable Material-PLM Item 198.6 of Manual (NOB by PLM)

EPA 600/M4/82/020

#### Serial No.: 39232

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

#### NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010 Issued April 01, 2009

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE LABELLA ASSOCIATES 300 STATE STREET ROCHESTER, NY 14614

NY Lab Id No: 11184 EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS All approved subcategories and/or analytes are listed below:

Miscellaneous Air

Fibers

#### NIOSH 7400 A RULES

# Serial No.: 39233

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status. NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER

TRADUTION THE CENTER

RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2010 Issued April 01, 2009

## CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. G EDWARD CARNEY AMA ANALYTICAL SERVICES INC 4475 FORBES BLVD LANHAM, MD 20706

NY Lab Id No: 10920 EPA Lab Code: MD00084

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved subcategories and/or analytes are listed below:

#### Metals I

Miscellaneous

Lead, Total EPA 7420

| Asbestos in Friable Material         | EPA 600/M4/82/020    |
|--------------------------------------|----------------------|
| Asbestos in Non-Friable Material-TEM | ITEM 198.4 OF MANUAL |
| Lead in Dust Wipes                   | EPA 7420             |
| Lead in Paint                        | EPA 7420             |

Sample Preparation Methods

ASTM E-1979-98 EPA 600/R-93/200

#### Serial No.: 39144

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

# **Appendix C Laboratory Analyses Reports**

# BULK SAMPLE ASBESTOS \_\_\_ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

#### LBL JOB # 55009

ELAP # 11184

TEM ELAP # 10920

LABELLA PROJECT # 209288.03 phase 1

#### SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/23/2009

ADDRESS: 300 State Street Rochester, NY 14614

CLIENT: Labella Associates, PC

# PROJECT LOCATION: Photech

550

|                                          |         | method | ASBESTOS   |    | OTHER      | 0000 |            |    |                                    |
|------------------------------------------|---------|--------|------------|----|------------|------|------------|----|------------------------------------|
| FIELD ID                                 | LBL ID  | met    | TYPE       | %  | FIBERS     | %    | MATRIX     | %  | COLOR / DESCRIPTION                |
| SILVER TANK-1A                           | 55009-1 | N      | CHRYSOTILE | 17 | CELLULOSE  | 31   | TAR        | 52 | BLACK TAR & TAR PAPER              |
| SILVER TANK-2A                           | 55009-2 | Т      | ND         |    | CELLULOSE  | 20   | MIN/BINDER | 80 | GRAY SEAM SEALER                   |
| SILVER TANK-2B                           | 55009-3 | Т      | ND         |    | CELLULOSE  | 20   | MIN/BINDER | 80 | GRAY SEAM SEALER                   |
| BLDG13-1A                                | 55009-4 | P      | AMOSITE    | 37 | ND         |      | MINERAL    | 63 | WHITE PIPE INSULATION DEBRIS       |
| BLDG13-1B                                | 55009-5 | Т      | ND         |    | CELLULOSE  | 66   | MIN/BINDER | 34 | WHITE/BLACK PIPE INSULATION DEBRIS |
| BLDG16-1A                                | 55009-6 | P      | ND         |    | FIBERGLASS | 19   | MINERAL    | 81 | WHITE MUD PIPE INSULATION          |
|                                          |         |        |            |    |            |      |            |    |                                    |
|                                          |         |        |            |    |            |      |            |    |                                    |
|                                          |         |        |            |    |            |      |            |    |                                    |
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|                                          |         |        |            |    |            |      |            |    |                                    |
|                                          |         |        |            |    |            |      | 2          |    |                                    |
| LAB Supervisor: Matt Smith Date: 9/24/09 |         |        |            |    |            |      |            |    |                                    |

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.</p>

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

# PLM & TEM BULK ASBESTOS REPORT

| Client:   |
|-----------|
| Location: |

City of Rochester

Building 13, Exterior

<u>City of Rochester</u> 1000 Driving Park Avenue Job No: 6894-08 Page: 1 of 2

Sample Date: 6/17/2008

PLM PLM PLM N TEM Asbestos TEM PLM Non-Asbestos Asbestos Total 0 Fibers Type & Total Matrix Client ID Lab ID Sampling Location Description Fibers Type & Asbestos в Percentage Asbestos Fibers Type & Material Percentage Percentage % None Detected <1.0% None Detected 100% 40233 Around Door Frame SE Gray Wall Caulk 0% Inconclusive WAC-001 Cornei No Asbestos Detected 40234 Around Door Frame Brown Wall Caulk Chrysotile 7% 7% Not Required N/A None Detected 93% WAC-002 South Side

# NVLAP Lab Code 200530-0 for PLM Analysis

#### ELAP ID No.: 10958

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

 $\sqrt{\text{NOB}}$  (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. <u>Quantitative transmission electron microscopy</u> is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

 PLM Date Analyzed:
 6/18/2008

 Microscope:
 Olympus BH-2 #233173

 PLM Analyst:
 F. Childs

TEM Date Analyzed: 6/19/2008 TEM Analyst: M. Hasenauer

Laboratory Results Approved By:

#### Asbestos Technical Director

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

6894-08.xls 6/20/2008

Mary Dohr

# BULK SAMPLE ASBESTOS \_\_ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

#### CLIENT: Labella Associates, PC

ADDRESS: 300 State Street

523

Rochester, NY 14614

LBL JOB # 52309

ELAP # 11184 TEM ELAP # 10920

LABELLA PROJECT # 209288 phase 2

SAMPLE TYPE: PLM Bulk

SAMPLE DATE: 09/15/2009

| PROJECT LOCATION: Photech - Building CS                                  |           |        |             |     |            |     |          |    |                       |
|--------------------------------------------------------------------------|-----------|--------|-------------|-----|------------|-----|----------|----|-----------------------|
|                                                                          |           | poq    | ASBESTOS    |     | OTHER      |     |          |    |                       |
| FIELD ID                                                                 | LBL ID    | method | TYPE        | %   | FIBERS     | %   | MATRIX   | %  | COLOR / DESCRIPTION   |
| CS-1A                                                                    | 52309-1   | Р      | AMOSITE     | 10  | ND         |     | MINERAL  | 90 | WHITE DOOR INSULATION |
| CS-2A                                                                    | 52309-2   | Р      | ND          |     | FIBERGLASS | 100 | ND       |    | WHITE CEILING TILE    |
| CS-3A                                                                    | 52309-3   | P      | AMOSITE     | 16  | ND         |     | MINERAL  | 86 | WHITE DEBRIS          |
|                                                                          |           |        |             |     |            |     |          |    |                       |
|                                                                          |           |        |             |     |            |     |          |    |                       |
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|                                                                          |           |        |             |     |            |     |          |    |                       |
|                                                                          |           |        |             |     |            |     |          |    |                       |
| PLM Method EPA 600/M4/82/020<br>Lab Supervisor: Matt Smith Date: 9/15/09 |           |        |             |     |            |     |          |    |                       |
| None Detected CELL                                                       | Callulana | IC     | Toint Compo | hau | MINI MG    |     | CLACC EL | 1- |                       |

 None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.</li>

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

Page 1 of 1

|                              | ROCHESTE<br>(585) 454-61                            |                     |                        | 154          | 1-3066           |         |                 |      |                                                                   |              | ELAP # 11184<br>TEM ELAP # 10920 |  |  |  |
|------------------------------|-----------------------------------------------------|---------------------|------------------------|--------------|------------------|---------|-----------------|------|-------------------------------------------------------------------|--------------|----------------------------------|--|--|--|
|                              | <u></u>                                             |                     |                        |              |                  |         |                 | L    | ABELLA PRO                                                        | JECT         | # 209288 phase 2                 |  |  |  |
| 524                          |                                                     |                     | Labella Associates, PC |              |                  |         |                 |      | SAMPL                                                             | PE: PLM Bulk |                                  |  |  |  |
| ŝ                            | ADDRESS:                                            |                     |                        | <i>~</i> • • |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     | Rochester, NY 14614 |                        |              |                  |         |                 |      | SAMPLE DATE: 09/15/2009                                           |              |                                  |  |  |  |
|                              | PROJECT LOCA                                        | TION:               | Photech -              | B            | uilding WS       |         |                 | ***  | l Marine et anna a status et al anna a status et al anna a status |              |                                  |  |  |  |
| 1.04<br>4.04<br>4.04<br>5.00 | FIELD ID                                            |                     | LBL ID                 | nethod       | ASBESTOS<br>TYPE | %       | OTHER<br>FIBERS | %    | MATRIX                                                            | %            | COLOR / DESCRIPTION              |  |  |  |
| 1000000                      | WS-1A                                               |                     | 52409-1                | T            | ND               | 0000000 | CELLULOSE       | 50   | TAR                                                               |              | BLACK ROOFING MATERIAL           |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        | -            |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
| <u> </u>                     |                                                     |                     |                        |              |                  | -       |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  | +       |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        | _            |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
|                              |                                                     |                     |                        |              |                  |         |                 |      |                                                                   |              |                                  |  |  |  |
| PLN                          | 1 Method EPA 600                                    | )/M4/82             | 2/020                  | La           | ab Supervis      | or:     | Mat             | t _  | fmith                                                             |              | Date:                            |  |  |  |
| • •                          | - None Detected<br>P - Friable PLM<br>G-Gravimetric | M analy             | tical result           | N -          |                  | naly    | tical result T  | - TI | GLASS - Fil<br>EM analytical ro<br>mple weight, T                 | esult        |                                  |  |  |  |

**BULK SAMPLE ASBESTOS** 

\*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

# ANALYTICAL REPORT LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614

;