

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 569-01**

**Sampling Date: February 10, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 596-01

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
210596-AOC2GW-O	12:0596-01	Aqueous	X	X
210596-AOC2GW-D	12:0596-02	Aqueous	X	X
210596-AOC2GW-TURBID-O	12:0596-03	Aqueous	X	X
210596-AOC2-BOTTOM1-O	12:0596-04	Rock	X	
210596-AOC2-BOTTOM-D	12:0596-05	Rock	X	
210596-AOC2-BOTTOM2-O	12:0596-06	Rock	X	
210596-AOC2TANK2-CONF-BOT1-O	12:0596-07	Soil	X	
210596-AOC2TANK2-CONF-BOT2-O	12:0596-08	Soil	X	

The data package contained three (3) rock samples, two (2) soil samples and three (3) water samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

DATA USABILITY SUMMARY REPORT  
METALS  
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Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike and Laboratory Duplicate: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
12:0596-05	Cadmium	UJ
12:0596-04, 12:0596-06	Cadmium	J

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**





**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

### LAB REPORT FOR METALS ANALYSIS IN WATER

Client: LaBella Associates, P.C.

Lab Project No.: 12:0596

Client Job Site: Photech

Sample Type: Water

Method: SW846 6010

Client Job No.: 210596

Date Sampled: 02/10/2012

Date Received: 02/10/2012

Date Analyzed: 02/14/2012

Lab Sample No.	Field ID No.	Field Location	Silver Results (mg/L)	Cadmium Results (mg/L)
12:0596-01	N/A	210596-AOC2GW-0	<0.010 U	<0.005 U
12:0596-02	N/A	210596-AOC2GW-D	<0.010 U	<0.005 U
12:0596-03	N/A	210596-AOC2GW-Turbid-0	0.036	0.201

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

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.

File ID:12-0596.xls

DLM 8/8/12



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

### LAB REPORT FOR METALS ANALYSIS IN SOLID

Client: LaBella Associates, P.C.

Lab Project No.: 12:0596

Client Job Site: Photech

Sample Type: Soil/Solid

Method: SW846 3050/6010

Client Job No.: 210596

Date Sampled: 02/10/2012

Date Received: 02/10/2012

Date Analyzed: 02/14/2012

Date Reissued: 02/24/2012

Lab Sample No.	Field ID No.	Field Location	Cadmium Results (mg/kg)
12:0596-04	N/A	210596-AOC2 Bottom1-0	0.221 J JDM
12:0596-05	N/A	210596-AOC2 Bottom-D	< 0.484 UJ
12:0596-06	N/A	210596-AOC2 Bottom2-0	10.10 J
12:0596-07	N/A	210596-AOC2 Tank2-Conf-Bot1-0	4.85
12:0596-08	N/A	210596-AOC2 Tank2-Conf-Bot2-0	2.15

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

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. File ID:12-0596b.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 12:0596

PROJECT NAME: Photech

SDG: 596-01

CLIENT: LaBella Associates, P.C.

Three water samples, three solid samples, and two soil samples were collected by LaBella Associates personnel on 02/10/2012 and received at the Paradigm laboratory on 02/10/2012. Container and holding times were acceptable at time of receipt; the samples were received at 9° Centigrade and were on ice. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium or just Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

### **GENERAL NOTES**

#### **ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

#### **METALS**

Holding times were met for all samples.

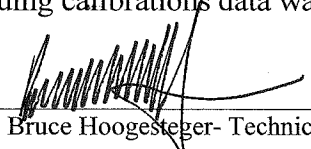
Site specific QC was requested and analyzed on samples 210596-AOC2GW-O and 210596-AOC2-BOTTOM1-O. The Percent Differences and Matrix Spike Recoveries for the water sample for both metals were within acceptance limits. The Percent Difference and Matrix Spike Recovery for the soil sample were outside acceptance limits. The summary report has been flagged with "\*"s and the sample report has been annotated accordingly. Matrix interference is suspected. All LCS Recoveries and LCS Percent Differences were within acceptance limits.

The method blanks were free from contamination within the reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

3/5/2012

# PARADIGM ENVIRONMENTAL SERVICES, INC.

176 Lake Avenue

Rochester, NY 14608

(716) 647-2530 \* (800) 724-1997

## CHAIN OF CUSTODY

PROJECT NAME/STATE NAME:

*Photochem*

### REPORT TO:

### INVOICE TO:

COMPANY: Labella Associates, P.C.

COMPANY:

ADDRESS: 300 State Street, Suite 201

ADDRESS: SAME

CITY: Rochester

CITY:

STATE: NY

STATE:

ZIP: 14614

ZIP:

PHONE: 585-454-6110

PHONE:

FAX:

FAX:

ATTN: *Mr. [unclear]*

ATTN:

COMMENTS: *ASP Cat. B Deliverables*

EDD = *EQEUS*

### REQUESTED ANALYSIS

Due 2/14/12 per lab/ID. ID to email client

LAB PROJECT #: *120596* CLIENT PROJECT #: *210596*

TURNAROUND TIME: (WORKING DAYS)

STD OTHER

☒ 1 ☐ 2 ☐ 3 ☐ 5

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R S	REMARKS	PARADIGM LAB SAMPLE NUMBER
12-10-12	850		X	210596-AOC2 GW-O	GW	1	MS/MSD	01
22-10-12	850		X	210596-AOC2 GW-ID	GW	1		02
32-10-12	850		X	210596-AOC2 GW-TURBID-O	GW	1		03
42-10-12	1500		X	210596-AOC2 BOTTOM1-O	Rock	1	MS/MSD	04
52-10-12	1500		X	210596-AOC2 BOTTOM-ID	Rock	1		05
62-10-12	1500		X	210596-AOC2 BOTTOM2-O	Rock	1		06
72-10-12	1530		X	210596-AOC2 TANK2-CONF-POT2-D	soil	1		07
82-10-12	1530		X	210596-AOC2 TANK2-CONF-8072-D	soil	1		08
9								
10								

### LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:

CONTAINER TYPE:

☒

PRESERVATIONS:

☒

HOLDING TIME:

☒

TEMPERATURE:

☒

*HN3 added to GWD and GW-Turbid. Will sit 24 hrs before digestion.*

*present before*

Sampled By: *THOMAS F. PELTYCHAY*

Date/Time: *2/10/12 1530*

Relinquished By: *[Signature]*

Date/Time: *2-10-12 1645*

Date/Time: *2/10/12 1645*

Total Cost:

Relinquished By:

Date/Time:

Received By: *[Signature]*

Date/Time: *2/10/12 1645*

Date/Time: *2/10/12 1645*

Received By:

Date/Time:

Received @ Lab By: *[Signature]*

Date/Time: *2/10/12 1735*

Date/Time:

P.L.F.

*Cooler delivered by client 50 custody*

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: D1689**

**Sampling Date: February 28 and March 1, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: D1689

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: ChemTech

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium
AOC7-GW-Turbid	D1689-01	Aqueous	X
AOC7-GW-DUP	D1689-04	Aqueous	X
AOC7-BOT1	D1689-05	Soil	X
AOC7-BOT2	D1689-06	Soil	X
AOC7-BOT3	D1689-07	Soil	X
AOC7-SW1	D1689-08	Soil	X
AOC7-SW2	D1689-09	Soil	X
AOC7-SW3	D1689-10	Soil	X
AOC7-SW-DUP	D1689-11	Soil	X
AOC7-SW4	D1689-12	Soil	X
AOC7-SW5	D1689-15	Soil	X
AOC7-SW6	D1689-16	Soil	X
AOC7-SW7	D1689-17	Soil	X
AOC7-SW8	D1689-18	Soil	X
AOC7-SW9	D1689-19	Soil	X
AOC7-SW10	D1689-20	Soil	X

The data package contained fourteen (14) soil samples and two (2) aqueous samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.

Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.



## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Photech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-GW-TURBID	SDG No.:	D1689
Lab Sample ID:	D1689-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	2.93	J	1	0.5	1.5	3	ug/L	03/02/12	03/02/12	6010B

Color Before:	Colorless	Clarity Before:	Cloudy	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group 10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Photech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-GW-DUP	SDG No.:	D1689
Lab Sample ID:	D1689-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	3.08		1	0.5	1.5	3	ug/L	03/02/12	03/02/12	6010B

Color Before:	Colorless	Clarity Before:	Cloudy	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group 10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/28/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-BOT1	SDG No.:	D1689
Lab Sample ID:	D1689-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	97

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.725		1	0.061	0.153	0.306	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-BOT2	SDG No.:	D1689
Lab Sample ID:	D1689-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.652		1	0.062	0.155	0.31	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Photech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-BOT3	SDG No.:	D1689
Lab Sample ID:	D1689-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.642		1	0.054	0.135	0.27	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/28/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW1	SDG No.:	D1689
Lab Sample ID:	D1689-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.974		1	0.042	0.104	0.208	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/28/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW2	SDG No.:	D1689
Lab Sample ID:	D1689-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	6.19		1	0.063	0.1565	0.313	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/28/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW3	SDG No.:	D1689
Lab Sample ID:	D1689-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	4.1		1	0.064	0.1605	0.321	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/28/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW-DUP	SDG No.:	D1689
Lab Sample ID:	D1689-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	8.29		1	0.063	0.1565	0.313	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW4	SDG No.:	D1689
Lab Sample ID:	D1689-12	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.86		1	0.066	0.1655	0.331	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW5	SDG No.:	D1689
Lab Sample ID:	D1689-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.636		1	0.047	0.1175	0.235	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW6	SDG No.:	D1689
Lab Sample ID:	D1689-16	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	2.57		1	0.063	0.1575	0.315	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Photech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW7	SDG No.:	D1689
Lab Sample ID:	D1689-17	Matrix:	SOIL
Level (low/med):	low	% Solid:	74.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	347		1	0.062	0.1555	0.311	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW8	SDG No.:	D1689
Lab Sample ID:	D1689-18	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.833		1	0.065	0.1615	0.323	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW9	SDG No.:	D1689
Lab Sample ID:	D1689-19	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	7.3		1	0.068	0.1695	0.339	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	03/01/12
Project:	Former Phototech Imaging Site	Date Received:	03/02/12
Client Sample ID:	AOC7-SW10	SDG No.:	D1689
Lab Sample ID:	D1689-20	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.35		1	0.067	0.1675	0.335	mg/Kg	03/02/12	03/02/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

**CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # D1689**

**Test Name: Metals Group 10**

**A. Number of Samples and Date of Receipt:**

16 Solid samples were received on 03/02/2012.

4 Water samples were received on 03/02/2012.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Metals Group 10 and Metals Group 10. This data package contains results for Metals Group 10.

**C. Analytical Techniques:**

The analysis of Metals Group 10 was based on method 6010B and digestion based on method 3010 (waters)/3050(Soil).

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**DATA REPORTING QUALIFIERS- INORGANIC**

For reporting results, the following “ Result Qualifiers” are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected.
<b>E</b>	Indicates the reported value is estimated because of the presence of interference.
<b>M</b>	Indicates Duplicate injection precision is not met.
<b>N</b>	Indicates spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates the duplicate analysis is not within control limits.
<b>+</b>	Indicates correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometer “AS” for Semi -Automated Spectrophotometer “C” for Manual Spectrophotometer “T” for Titrimetric analysis “NR” for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.

# CHEMTECH

## CHAIN OF CUSTODY RECORD



284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

1 of 2

CHEMTECH PROJECT NO. **D 1689**  
QUOTE NO.  
COC Number **082756**

### CLIENT INFORMATION

REPORT TO BE SENT TO:  
COMPANY: **LaBella**  
ADDRESS: **300 State St.**  
CITY: **Rochester** STATE: **NY** ZIP: **14604**  
ATTENTION: **D. Porter, S. Davis**  
PHONE: FAX:

### CLIENT PROJECT INFORMATION

PROJECT NAME: **Phototech**  
PROJECT NO.: **209288** LOCATION:  
PROJECT MANAGER: **D. Porter**  
e-mail: **sdavis@labellapc.com**  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: PO#: **SAME**  
ADDRESS: **SAME**  
CITY: STATE: ZIP:  
ATTENTION: PHONE:

### ANALYSIS

### DATA TURNAROUND INFORMATION

FAX/Email - 1-Day DAYS:  
HARD COPY: DAYS:  
EDD: DAYS:  
PREAPPROVED TAT: ☐ YES ☐ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☐ EDD FORMAT **Equis**

1	2	3	4	5	6	7	8	9
Ca	Ca							

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		B	B								
1, 2, 3	AOC7 - GW - Turbid	GW		X	3-1-12	830	1	X									MS/MSD
4	AOC7 - GW - DUP	GW		X	3-1-12	830	1	X									
5	AOC7 - BOT 1	ROCK			2-28-12	1600	1		X								
6	AOC7 - BOT 2	ROCK			3-1-12	920	1		X								
7	AOC7 - BOT 3	ROCK			3-1-12	920	1		X								
8	AOC7 - SW 1	SOIL			2-28-12	1530	1		X								
9	AOC7 - SW 2	SOIL			2-28-12	1540	1		X								
10	AOC7 - SW 3	SOIL			2-28-12	1550	1		X								
11	AOC7 - SW - DUP	SOIL			2-28-12		1		X								
12, 13, 14	AOC7 - SW 4	SOIL			3-1-12	850	1		X								MS/MSD

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <b>Seth Davis</b>	DATE/TIME: <b>3-1-12 1600</b>	RECEIVED BY: 1. <b>UPS</b>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments:	Cooler Temp. <b>40C</b> Ice in Cooler?: <b>y</b>
RELINQUISHED BY: 2. _____	DATE/TIME: _____	RECEIVED BY: 2. _____		
RELINQUISHED BY: 3. <b>UPS</b>	DATE/TIME: <b>3/2/12 10:10</b>	RECEIVED FOR LAB BY: 3. <b>PS</b>	Page <b>1</b> of <b>2</b>	SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT Shipment Complete: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

2 of 2

CHEMTECH PROJECT NO. D1689  
QUOTE NO.  
COC Number 083180

### CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: LaBella  
ADDRESS: 300 State St  
CITY: Rochester STATE: NY ZIP: 14614  
ATTENTION: S. Davis, D. Porter  
PHONE: FAX:

### CLIENT PROJECT INFORMATION

PROJECT NAME: Photech  
PROJECT NO.: 209288 LOCATION: Rochester NY  
PROJECT MANAGER: D. Porter  
e-mail: sdavis@labellac.com  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: PO#: ADDRESS: SAME  
CITY: STATE: ZIP: ATTENTION: PHONE:

### ANALYSIS

### DATA TURNAROUND INFORMATION

FAX/Email: 1-Day DAYS:  
HARD COPY: DAYS:  
EDD: DAYS:  
PREAPPROVED TAT: ☐ YES ☐ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☐ EDD FORMAT Equis

### PRESERVATIVES

### COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1. 15	AOC7-SWS	SOIL		X	3-1-12	855	1	X									
2. 16	AOC7-SW6	SOIL		X	3-1-12	900	1	X									
3. 17	AOC7-SW7	SOIL		X	3-1-12	905	1	X									
4. 18	AOC7-SW8	SOIL		X	3-1-12	910	1	X									
5. 19	AOC7-SW9	SOIL		X	3-1-12	915	1	X									
6. 20	AOC7-SW10	SOIL		X	3-1-12	900		X									
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. Seth Davis	DATE/TIME: 3-1-12 1600	RECEIVED BY: 1. UPS	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments: Cooler Temp. 40C Ice in Cooler? y
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY: 3. UPS	DATE/TIME: 3/2/12 10:10	RECEIVED FOR LAB BY: 3. PS	

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT  
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: D1467**

**Sampling Date: February 7 and 9, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: D1467

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: ChemTech

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium
210596-AOC2CONFSW1-0	D1467-01	Soil	X
210596-AOC2CONFSW2-0	D1467-02	Soil	X
210596-AOC2CONFSW3-0	D1467-03	Soil	X
210596-AOC2CONFSW-D	D1467-06	Soil	X
210596-AOC2CONFSW4-0	D1467-07	Soil	X
210596-AOC2CONFSW5-0	D1467-08	Soil	X
210596-AOC2CONFSW6-0	D1467-09	Soil	X
TRIP BLANK	D146710	Aqueous	X

The data package contained seven (7) soil samples and a trip blank. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.

Laboratory Duplicate: All results were acceptable.



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/07/12
Project:	Former Phototech Imaging Site	Date Received:	02/10/12
Client Sample ID:	210596-AOC2CONFSW1-0	SDG No.:	D1467
Lab Sample ID:	D1467-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	97.7

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.27	J	1	0.15	0.3	mg/Kg	02/10/12	02/13/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

**D1467 METAL**

DLM 8/6/12

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/07/12
Project:	Former Phototech Imaging Site	Date Received:	02/10/12
Client Sample ID:	210596-AOC2CONFSW2-0	SDG No.:	D1467
Lab Sample ID:	D1467-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.1

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.36		1	0.155	0.31	mg/Kg	02/10/12	02/13/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/07/12
Project:	Former Photech Imaging Site	Date Received:	02/10/12
Client Sample ID:	210596-AOC2CONFSW3-0	SDG No.:	D1467
Lab Sample ID:	D1467-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	844		1	0.164	0.328	mg/Kg	02/10/12	02/13/12	6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/07/12
Project:	Former Phototech Imaging Site	Date Received:	02/10/12
Client Sample ID:	210596-AOC2CONFSW-D	SDG No.:	D1467
Lab Sample ID:	D1467-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.6

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.24		1	0.11	0.22	mg/Kg	02/10/12	02/13/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/09/12
Project:	Former Phototech Imaging Site	Date Received:	02/10/12
Client Sample ID:	210596-AOC2CONFSW4-0	SDG No.:	D1467
Lab Sample ID:	D1467-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.6

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	12		1	0.18	0.36	mg/Kg	02/10/12	02/13/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/09/12
Project:	Former Phototech Imaging Site	Date Received:	02/10/12
Client Sample ID:	210596-AOC2CONFSW5-0	SDG No.:	D1467
Lab Sample ID:	D1467-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.6

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	10.2		1	0.14	0.28	mg/Kg	02/10/12	02/13/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/09/12
Project:	Former Phototech Imaging Site	Date Received:	02/10/12
Client Sample ID:	210596-AOC2CONFSW6-0	SDG No.:	D1467
Lab Sample ID:	D1467-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.2

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	3.59		1	0.185	0.37	mg/Kg	02/10/12	02/13/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	02/09/12
Project:	Former Phototech Imaging Site	Date Received:	02/10/12
Client Sample ID:	TRIPBLANK	SDG No.:	D1467
Lab Sample ID:	D1467-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	1.5	U	1	1.5	3	ug/L	02/10/12	02/13/12	SW6010B

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group 10			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

**CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # D1467**

**Test Name: Metals Group 10**

**A. Number of Samples and Date of Receipt:**

9 Solid samples were received on 02/10/2012.

1 Water sample was received on 02/10/2012.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Metals Group 10 and Metals Group 10. This data package contains results for Metals Group 10.

**C. Analytical Techniques:**

The analysis of Metals Group 10 was based on method 6010B and digestion based on method 3010 (waters).

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**DATA REPORTING QUALIFIERS- INORGANIC**

For reporting results, the following " Result Qualifiers" are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected.
<b>E</b>	Indicates the reported value is estimated because of the presence of interference.
<b>M</b>	Indicates Duplicate injection precision is not met.
<b>N</b>	Indicates spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates the duplicate analysis is not within control limits.
<b>+</b>	Indicates correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers "P" for ICP instrument "PM" for ICP when Microwave Digestion is used "CV" for Manual Cold Vapor AA "AV" for automated Cold Vapor AA "CA" for MIDI-Distillation Spectrophotometer "AS" for Semi -Automated Spectrophotometer "C" for Manual Spectrophotometer "T" for Titrimetric analysis "NR" for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.



## CHAIN OF CUSTODY RECORD

61105083

284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax (908) 789-8922

www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

083175

D1467

## CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: LaBella Associates

ADDRESS: 300 State St.

CITY: Rochester STATE: NY ZIP: 14614

ATTENTION: S. Davis, M. Pelychety

PHONE:

FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: Phototech

PROJECT NO.: 210596 LOCATION: Rochester, NY

PROJECT MANAGER: D. Porter

e-mail:

PHONE:

FAX:

## CLIENT BILLING INFORMATION

BILL TO: LaBella Associates PO#:

ADDRESS: 300 State St

CITY: Rochester STATE: NY ZIP: 14614

ATTENTION: D. Porter PHONE:

## ANALYSIS

## DATA TURNAROUND INFORMATION

FAX: ~~5-7 Day Standard~~ 1-Day DAYS  
HARD COPY: Standard DAYS  
EDD: 1-Day DAYSPREAPPROVED TAT: ☐ YES ☐ NO

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

## DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other \_\_\_\_\_  
☒ EDD FORMAT Equis

## PRESERVATIVES

## COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	210596-AOC2CONF SW1-O	rock		X	2-7-12	1400	1	X									
2.	210596-AOC2CONF SW2-O	rock		X	2-7-12	1400	1	X									
3.	210596-AOC2CONF SW3-O	rock		X	2-7-12	1400	1	X									MS/MSD
4.	210596-AOC2CONF SW-D	rock		X	2-7-12	1400	1	X									
5.	210596-AOC2CONF SW4-O	soil		X	2-9-12	1200	1	X									
6.	210596-AOC2CONF SW5-O	soil		X	2-9-12	1200	1	X									
7.	210596-AOC2CONF SW6-O	soil		X	2-9-12	1200	1	X									
8.	Trip Blank																
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>S. Davis</u>	DATE/TIME: 2-9-12 1600	RECEIVED BY: 1. <u>UPS</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments:  Cooler Temp. <u>4°C</u> Ice in Cooler?: <u>yes</u>
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY: 3. <u>UPS</u>	DATE/TIME: 2/10/12	RECEIVED FOR LAB BY: 3. <u>Michael Melita</u>	

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT  
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Volatiles, Semivolatiles, and Metals**

**SDG No: D1336**

**Sampling Date: January 27, and 30, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
VOLATILES, SEMIVOLATILES AND METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: D1336

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: ChemTech

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOCs (PAHs)	Cadmium , Silver
AOC1A-CS-3R	D1336-01	Soil		X	
Blind Duplicate	D1336-02	Soil		X	
AOC1A FB	D1336-03	Aqueous		X	
210596-AOC2Tank2SoilA-0	D1336-04	Soil			X
210596-AOC2Tank2SoilB-0	D1336-05	Soil			X
210596-AOC2FieldBlank-0	D1336-08	Aqueous			X
210596-AOC2B1Dup013012-0	D1336-09	Soil			X
Trip Blank	D1336-10	Aqueous	X		

The data package contained five (5) soil samples, two (2) field blanks, and one (1) trip blank. The samples were analyzed via Methods SW-846 8260B, 8270C and 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, surrogate recoveries, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All criteria were met.

Laboratory Control Sample (LCS): All criteria were met.

Surrogate: All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.



DATA USABILITY SUMMARY REPORT  
VOLATILES, SEMIVOLATILES AND METALS  
USEPA REGION II

---

Laboratory Duplicate: All results were acceptable.

Field Duplicate: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
D1336-05, D1336-09	Cadmium	J

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/30/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	TRIPBLANK	SDG No.:	D1336
Lab Sample ID:	D1336-10	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003299.D	1		02/01/12	VR020112

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	2.5	U	2.5	5	ug/L
74-87-3	Chloromethane	2.5	U	2.5	5	ug/L
75-01-4	Vinyl Chloride	2.5	U	2.5	5	ug/L
74-83-9	Bromomethane	2.5	U	2.5	5	ug/L
75-00-3	Chloroethane	2.5	U	2.5	5	ug/L
75-69-4	Trichlorofluoromethane	2.5	U	2.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.5	U	2.5	5	ug/L
75-35-4	1,1-Dichloroethene	2.5	U	2.5	5	ug/L
67-64-1	Acetone	12.5	U	12.5	25	ug/L
75-15-0	Carbon Disulfide	2.5	U	2.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	2.5	U	2.5	5	ug/L
79-20-9	Methyl Acetate	5	UQ	2.5	5	ug/L
75-09-2	Methylene Chloride	2.5	U	2.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	2.5	U	2.5	5	ug/L
75-34-3	1,1-Dichloroethane	2.5	U	2.5	5	ug/L
110-82-7	Cyclohexane	2.5	U	2.5	5	ug/L
78-93-3	2-Butanone	12.5	U	12.5	25	ug/L
56-23-5	Carbon Tetrachloride	2.5	U	2.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	2.5	U	2.5	5	ug/L
67-66-3	Chloroform	2.5	U	2.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	2.5	U	2.5	5	ug/L
108-87-2	Methylcyclohexane	2.5	U	2.5	5	ug/L
71-43-2	Benzene	2.5	U	2.5	5	ug/L
107-06-2	1,2-Dichloroethane	2.5	U	2.5	5	ug/L
79-01-6	Trichloroethene	2.5	U	2.5	5	ug/L
78-87-5	1,2-Dichloropropane	2.5	U	2.5	5	ug/L
75-27-4	Bromodichloromethane	2.5	U	2.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	12.5	U	12.5	25	ug/L
108-88-3	Toluene	2.5	U	2.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	2.5	U	2.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	2.5	U	2.5	5	ug/L

### Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/30/12
Project:	Former Photech Imaging Site	Date Received:	01/31/12
Client Sample ID:	TRIPBLANK	SDG No.:	D1336
Lab Sample ID:	D1336-10	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003299.D	1		02/01/12	VR020112

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	2.5	U	2.5	5	ug/L
591-78-6	2-Hexanone	12.5	U	12.5	25	ug/L
124-48-1	Dibromochloromethane	2.5	U	2.5	5	ug/L
106-93-4	1,2-Dibromoethane	2.5	U	2.5	5	ug/L
127-18-4	Tetrachloroethene	2.5	U	2.5	5	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	5	ug/L
100-41-4	Ethyl Benzene	2.5	U	2.5	5	ug/L
179601-23-1	m/p-Xylenes	5	U	5	10	ug/L
95-47-6	o-Xylene	2.5	U	2.5	5	ug/L
100-42-5	Styrene	2.5	U	2.5	5	ug/L
75-25-2	Bromoform	2.5	U	2.5	5	ug/L
98-82-8	Isopropylbenzene	2.5	U	2.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	2.5	5	ug/L
103-65-1	n-propylbenzene	2.5	U	2.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	2.5	U	2.5	5	ug/L
98-06-6	tert-Butylbenzene	2.5	U	2.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	2.5	U	2.5	5	ug/L
135-98-8	sec-Butylbenzene	2.5	U	2.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	2.5	U	2.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	2.5	U	2.5	5	ug/L
104-51-8	n-Butylbenzene	2.5	U	2.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	2.5	U	2.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.5	U	2.5	5	ug/L
1330-20-7	Total Xylenes	7.5	U	7.5	15	ug/L
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	47.8		61 - 141	96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		69 - 133	96%	SPK: 50
2037-26-5	Toluene-d8	47.4		65 - 126	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		58 - 135	98%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	1904130	7.57			

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/30/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	TRIPBLANK	SDG No.:	D1336
Lab Sample ID:	D1336-10	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5                      Units:    mL	Final Vol:	5000                      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624                      ID :    0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR003299.D	1		02/01/12	VR020112

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
540-36-3	1,4-Difluorobenzene	3432350	8.5			
3114-55-4	Chlorobenzene-d5	3055390	11.31			
3855-82-1	1,4-Dichlorobenzene-d4	1518670	13.25			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/27/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	AOCIA-C5-3R	SDG No.:	D1336
Lab Sample ID:	D1336-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	21
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	SOXH	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE075377.D	1	01/31/12	01/31/12	PB60910

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
<b>TARGETS</b>						
91-20-3	Naphthalene	210	U	210	420	ug/Kg
208-96-8	Acenaphthylene	210	U	210	420	ug/Kg
83-32-9	Acenaphthene	210	U	210	420	ug/Kg
86-73-7	Fluorene	210	U	210	420	ug/Kg
85-01-8	Phenanthrene	210	U	210	420	ug/Kg
120-12-7	Anthracene	210	U	210	420	ug/Kg
206-44-0	Fluoranthene	210	U	210	420	ug/Kg
129-00-0	Pyrene	210	U	210	420	ug/Kg
56-55-3	Benzo(a)anthracene	210	U	210	420	ug/Kg
218-01-9	Chrysene	210	U	210	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	U	210	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	U	210	420	ug/Kg
50-32-8	Benzo(a)pyrene	210	U	210	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	U	210	420	ug/Kg
53-70-3	Dibenz(a,h)anthracene	210	U	210	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	U	210	420	ug/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	97.6		31 - 132	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.1		39 - 123	92%	SPK: 100
1718-51-0	Terphenyl-d14	94.1		37 - 115	94%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	96026	8.38			
1146-65-2	Naphthalene-d8	368646	10.55			
15067-26-2	Acenaphthene-d10	195060	13.5			
1517-22-2	Phenanthrene-d10	334188	15.97			
1719-03-5	Chrysene-d12	295903	20.36			
1520-96-3	Perylene-d12	258427	23.76			

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/27/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	BLINDDUPLICATE	SDG No.:	D1336
Lab Sample ID:	D1336-02	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	17
Sample Wt/Vol:	30.07      Units:    g	Final Vol:	1000                      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	SOXH                                      Decanted :      N	Level :	LOW
Injection Volume :	1                                      GPC Factor :    1.0	GPC Cleanup :	N                      PH :    N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE075378.D	1	01/31/12	01/31/12	PB60910

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
<b>TARGETS</b>						
91-20-3	Naphthalene	200	U	200	400	ug/Kg
208-96-8	Acenaphthylene	200	U	200	400	ug/Kg
83-32-9	Acenaphthene	200	U	200	400	ug/Kg
86-73-7	Fluorene	200	U	200	400	ug/Kg
85-01-8	Phenanthrene	200	U	200	400	ug/Kg
120-12-7	Anthracene	200	U	200	400	ug/Kg
206-44-0	Fluoranthene	200	U	200	400	ug/Kg
129-00-0	Pyrene	200	U	200	400	ug/Kg
56-55-3	Benzo(a)anthracene	200	U	200	400	ug/Kg
218-01-9	Chrysene	200	U	200	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	U	200	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	U	200	400	ug/Kg
50-32-8	Benzo(a)pyrene	200	U	200	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	U	200	400	ug/Kg
53-70-3	Dibenz(a,h)anthracene	200	U	200	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	U	200	400	ug/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	91.9		31 - 132	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	84		39 - 123	84%	SPK: 100
1718-51-0	Terphenyl-d14	79.6		37 - 115	80%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	105104	8.38			
1146-65-2	Naphthalene-d8	400409	10.55			
15067-26-2	Acenaphthene-d10	209740	13.5			
1517-22-2	Phenanthrene-d10	357990	15.97			
1719-03-5	Chrysene-d12	321571	20.36			
1520-96-3	Perylene-d12	284532	23.76			

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/27/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	AOCIAFB	SDG No.:	D1336
Lab Sample ID:	D1336-03	Matrix:	WATER
Analytical Method:	SW8270D	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	SEPF	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	6

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE075379.D	1	01/31/12	01/31/12	PB60916

CAS Number	Parameter	Conc.	Qualifier	LOD	LOQ / CRQL	Units
<b>TARGETS</b>						
91-20-3	Naphthalene	5	U	5	10	ug/L
208-96-8	Acenaphthylene	5	U	5	10	ug/L
83-32-9	Acenaphthene	5	U	5	10	ug/L
86-73-7	Fluorene	5	U	5	10	ug/L
85-01-8	Phenanthrene	5	U	5	10	ug/L
120-12-7	Anthracene	5	U	5	10	ug/L
206-44-0	Fluoranthene	5	U	5	10	ug/L
129-00-0	Pyrene	5	U	5	10	ug/L
56-55-3	Benzo(a)anthracene	5	U	5	10	ug/L
218-01-9	Chrysene	5	U	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	5	U	5	10	ug/L
207-08-9	Benzo(k)fluoranthene	5	U	5	10	ug/L
50-32-8	Benzo(a)pyrene	5	U	5	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5	U	5	10	ug/L
53-70-3	Dibenz(a,h)anthracene	5	U	5	10	ug/L
191-24-2	Benzo(g,h,i)perylene	5	U	5	10	ug/L
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	100		36 - 131	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.4		39 - 131	99%	SPK: 100
1718-51-0	Terphenyl-d14	99.1		23 - 130	99%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	96312	8.37			
1146-65-2	Naphthalene-d8	381062	10.55			
15067-26-2	Acenaphthene-d10	198667	13.51			
1517-22-2	Phenanthrene-d10	342050	15.97			
1719-03-5	Chrysene-d12	301901	20.36			
1520-96-3	Perylene-d12	260580	23.77			



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/30/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	210596-AOC2TANK2SOILA-0	SDG No.:	D1336
Lab Sample ID:	D1336-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	77.2

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	15.4		1	0.17	0.34	mg/Kg	01/31/12	02/01/12	SW6010B
7440-22-4	Silver	11.2		1	0.285	0.57	mg/Kg	01/31/12	02/01/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/30/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	210596-AOC2TANKSOILB-0	SDG No.:	D1336
Lab Sample ID:	D1336-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.4

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	
7440-43-9	Cadmium	7.41		1	0.18	0.36	mg/Kg	01/31/12	02/01/12	SW6010B	J
7440-22-4	Silver	7.79		1	0.295	0.59	mg/Kg	01/31/12	02/01/12	SW6010B	

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/30/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	210596-AOC2FIELDBLANK-0	SDG No.:	D1336
Lab Sample ID:	D1336-08	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	1.5	U	1	1.5	3	ug/L	01/31/12	02/01/12	SW6010B
7440-22-4	Silver	2.67	J	1	2.5	5	ug/L	01/31/12	02/01/12	SW6010B

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

D1336 Metals

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/30/12
Project:	Former Phototech Imaging Site	Date Received:	01/31/12
Client Sample ID:	210596-AOC2B1DUP013012-0	SDG No.:	D1336
Lab Sample ID:	D1336-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.7

Cas	Parameter	Conc.	Qua.	DF	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	26.3		1	0.155	0.31	mg/Kg	01/31/12	02/01/12	SW6010B J
7440-22-4	Silver	11.4		1	0.26	0.52	mg/Kg	01/31/12	02/01/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # D1336**

**Test Name: VOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

7 Solid samples were received on 01/31/2012.

3 Water samples were received on 01/31/2012.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Metals Group4, SVOC-PAH and VOCMS Group1. This data package contains results for VOCMS Group1.

### **C. Analytical Techniques:**

Rtx-VMS 60m 0.25mm 1.4um 872456The analysis of VOCMS Group1 was based on method 8260C.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike for {BSR0201W1} with File ID: VR003294.D met requirements for all samples except for Methyl Acetate[180%] .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Initial Calibration Verification File ID : {VR003148.D} met the requirements except for Chloromethane .

The Continuous Calibration File ID VR003291.D met the requirements except for Methyl Acetate and 2-Butanone but they were not detected in any samples .

The Tuning criteria met requirements.

### **E. Additional Comments:**

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.



**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # D1336**

**Test Name: SVOC-PAH**

**A. Number of Samples and Date of Receipt:**

7 Solid samples were received on 01/31/2012.

3 Water samples were received on 01/31/2012.

**B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Metals Group4, SVOC-PAH and VOCMS Group1. This data package contains results for SVOC-PAH.

**C. Analytical Techniques:**

The samples were analyzed on instrument BNA\_E using GC Column RXI-5 SILMS which is 30 meters, 0.25 mm ID, 0.50 um df, Catalog # 13638-124. The samples were analyzed on instrument BNA\_F using GC Column RTX-5 SILMS which is 20 meters, 0.18 mm ID, 0.36 um df, Catalog # 42704. The samples were analyzed on instrument BNA\_G using GC Column RXI-5 SILMS which is 30 meters, 0.25 mm ID, 0.50 um df, Catalog # 13638-124. The analysis of SVOC-PAH was based on method 8270D and extraction was done based on method 3510.

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Initial Calibration Verification met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

**E. Additional Comments:**

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount





for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # D1336**

**Test Name: Metals Group4**

**A. Number of Samples and Date of Receipt:**

7 Solid samples were received on 01/31/2012.

3 Water samples were received on 01/31/2012.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Metals Group4, SVOC-PAH and VOCMS Group1. This data package contains results for Metals Group4.

**C. Analytical Techniques:**

The analysis of Metals Group4 was based on method 6010B and digestion based on method 3050 (soils) and 3010 (waters).

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

**E. Additional Comments:**

CRI01 is failing for Silver but rests of QCs are passing.

Last CCV03/CCB03 failed for some elements, but these elements are not associated with D1336-05A covered by CCV03/CCB03.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**DATA REPORTING QUALIFIERS- INORGANIC**

For reporting results, the following " Result Qualifiers" are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected.
<b>E</b>	Indicates the reported value is estimated because of the presence of interference.
<b>M</b>	Indicates Duplicate injection precision is not met.
<b>N</b>	Indicates spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates the duplicate analysis is not within control limits.
<b>+</b>	Indicates correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers "P" for ICP instrument "PM" for ICP when Microwave Digestion is used "CV" for Manual Cold Vapor AA "AV" for automated Cold Vapor AA "CA" for MIDI-Distillation Spectrophotometer "AS" for Semi -Automated Spectrophotometer "C" for Manual Spectrophotometer "T" for Titrimetric analysis "NR" for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

# CHEMTECH

## CHAIN OF CUSTODY RECORD

B110551

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 082725

D 1336

### CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: LaBella Associates, P.C.  
ADDRESS: 300 State St Suite 201  
CITY: Rochester STATE: NY ZIP: 14614  
ATTENTION: mpelychaty@labellapc.com  
PHONE: FAX:

### CLIENT PROJECT INFORMATION

PROJECT NAME: Pherech  
PROJECT NO.: 210596 LOCATION:  
PROJECT MANAGER: Dennis Porter  
e-mail: ax  
PHONE: 585 454 6110 FAX:

### CLIENT BILLING INFORMATION

BILL TO: SAME PO#:  
ADDRESS:  
CITY: STATE: ZIP:  
ATTENTION: PHONE:

### ANALYSIS

### DATA TURNAROUND INFORMATION

FAX: 1 DAY DAYS  
HARD COPY: DAYS  
EDD: DAYS  
PREAPPROVED TAT: ☐ YES ☐ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☒ EDD FORMAT PCMU

Ag + Cd  
Ag + Cd  
PAH 500C  
Tel var

### PRESERVATIVES

### COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		E	DE	E							
1.	AOC1A-CS-312	Soil		X	1/27/12	0915	1			X							
2.	Blind Duplicate	Soil		X			1			X							
3.	AOC1A FA	water			1/27/12	0920	1	X		X							
4.	210596-AOC2 Tank 2 Soil A-O	Soil	X		1/30/12	1100	1	X									
5, 6, 7	210596-AOC2 Tank 2 Soil B-O + MS/MSD	Soil	X		1/30/12	1100	1	X									
8	210596-AOC2 Field Blank - O	water	X		1/30/12	1105	1		X								
9	210596-AOC2 Bl Dup 013012-O	Soil					1	X									
10	TRIP BLANK	water					1				X						

### SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. <u>[Signature]</u>	DATE/TIME: 1/30/12 160	RECEIVED BY: 1. <u>Shipped per [Signature]</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments:	Cooler Temp. <u>4°C</u> Ice in Cooler? <u>y</u>
RELINQUISHED BY: 2. <u>[Signature]</u>	DATE/TIME: 1/30/12	RECEIVED BY:		
RELINQUISHED BY: 3. <u>UPS</u>	DATE/TIME: 10:05	RECEIVED FOR LAB BY: 3. <u>PS</u>	Page <u>1</u> of <u>1</u>	SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT Shipment Complete: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Semivolatile, and Metals**

**SDG No: D1203**

**Sampling Date: January 13, 16, and 18, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
SEMIVOLATILES AND METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: D1203

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: ChemTech

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	SVOCs (PAHs)	Cadmium, Silver	Arsenic
AOC1A-CS-1	D1203-01	Soil	X		
AOC1A-CS-2	D1203-02	Soil	X		
AOC1A-CS-3	D1203-03	Soil	X		
AOC4B-CS-1	D1203-04	Soil			X
AOC4B-CS-2	D1203-05	Soil			X
AOC4B-CS-3	D1203-06	Soil			X
210596-AOC2/Tank1Northend-0	D1203-07	Soil		X	
210596-AOC2/Tank1Sounthend-0	D1203-08	Soil		X	
210596-AOC2/Tank1SoilPile-0	D1203-09	Soil		X	
210596-AOC2/FB1-0	D1203-10	Aqueous		X	
TRIP BLANK	D1203-11	Aqueous		X	
BLIND DUPLICATE	D1203-12	Soil		X	
210596-EQBlank-0	D1203-13	Aqueous		X	

The data package contained ten (10) soil samples, one (1) field blank, one (1) trip blank, and one (1) equipment blank. The samples were analyzed via Methods SW-846 8270C and 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, surrogate recoveries, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

DATA USABILITY SUMMARY REPORT  
SEMIVOLATILES AND METALS  
USEPA REGION II

---

Calibration Quality Control: All criteria were met.

Blanks Quality Control: The following were qualified due to contamination;

Sample Identification	Compound	Qualifier
D1203-07	Silver	0.49 U

Laboratory Control Sample (LCS): All criteria were met.

Surrogate: All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.

Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Phototech Imaging Site	Date Received:	01/19/12
Client Sample ID:	AOC1A-CS-1	SDG No.:	D1203
Lab Sample ID:	D1203-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	19
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	SOXH	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF053066.D	1	01/19/12	01/19/12	PB60675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
91-20-3	Naphthalene	410	U	14	410	ug/Kg
208-96-8	Acenaphthylene	410	U	10	410	ug/Kg
83-32-9	Acenaphthene	410	U	12	410	ug/Kg
86-73-7	Fluorene	410	U	16	410	ug/Kg
85-01-8	Phenanthrene	410	U	11	410	ug/Kg
120-12-7	Anthracene	410	U	8.4	410	ug/Kg
206-44-0	Fluoranthene	410	U	8.3	410	ug/Kg
129-00-0	Pyrene	410	U	9.9	410	ug/Kg
56-55-3	Benzo(a)anthracene	410	U	20	410	ug/Kg
218-01-9	Chrysene	410	U	19	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	U	13	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	U	19	410	ug/Kg
50-32-8	Benzo(a)pyrene	410	U	8.9	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	14	410	ug/Kg
53-70-3	Dibenz(a,h)anthracene	410	U	12	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410	U	17	410	ug/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	64.7		31 - 132	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.1		39 - 123	63%	SPK: 100
1718-51-0	Terphenyl-d14	61.7		37 - 115	62%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	127194	4.85			
1146-65-2	Naphthalene-d8	462630	6			
15067-26-2	Acenaphthene-d10	254570	7.7			
1517-22-2	Phenanthrene-d10	400279	9.37			
1719-03-5	Chrysene-d12	323313	12.56			
1520-96-3	Perylene-d12	296219	14.47			

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Phototech Imaging Site	Date Received:	01/19/12
Client Sample ID:	AOC1A-CS-2	SDG No.:	D1203
Lab Sample ID:	D1203-02	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	20
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	SOXH	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF053067.D	1	01/19/12	01/19/12	PB60675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
91-20-3	Naphthalene	410	U	14	410	ug/Kg
208-96-8	Acenaphthylene	410	U	10	410	ug/Kg
83-32-9	Acenaphthene	410	U	12	410	ug/Kg
86-73-7	Fluorene	410	U	16	410	ug/Kg
85-01-8	Phenanthrene	410	U	11	410	ug/Kg
120-12-7	Anthracene	410	U	8.5	410	ug/Kg
206-44-0	Fluoranthene	410	U	8.4	410	ug/Kg
129-00-0	Pyrene	410	U	10	410	ug/Kg
56-55-3	Benzo(a)anthracene	410	U	20	410	ug/Kg
218-01-9	Chrysene	410	U	19	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	U	14	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	U	20	410	ug/Kg
50-32-8	Benzo(a)pyrene	410	U	9	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	14	410	ug/Kg
53-70-3	Dibenz(a,h)anthracene	410	U	12	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410	U	17	410	ug/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	80.1		31 - 132	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		39 - 123	80%	SPK: 100
1718-51-0	Terphenyl-d14	81		37 - 115	81%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	125009	4.85			
1146-65-2	Naphthalene-d8	459603	6			
15067-26-2	Acenaphthene-d10	252117	7.7			
1517-22-2	Phenanthrene-d10	397501	9.37			
1719-03-5	Chrysene-d12	323229	12.56			
1520-96-3	Perylene-d12	295112	14.47			

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Phototech Imaging Site	Date Received:	01/19/12
Client Sample ID:	AOC1A-CS-3	SDG No.:	D1203
Lab Sample ID:	D1203-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	13
Sample Wt/Vol:	30.02      Units:    g	Final Vol:	1000                      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
Extraction Type :	SOXH                                      Decanted :      N	Level :	LOW
Injection Volume :	1                                      GPC Factor :    1.0	GPC Cleanup :	N                      PH :    N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF053075.D	1	01/19/12	01/20/12	PB60675

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
91-20-3	Naphthalene	240	J	13	380	ug/Kg
208-96-8	Acenaphthylene	380	U	9.6	380	ug/Kg
83-32-9	Acenaphthene	350	J	11	380	ug/Kg
86-73-7	Fluorene	350	J	14	380	ug/Kg
85-01-8	Phenanthrene	2500		10	380	ug/Kg
120-12-7	Anthracene	760		7.8	380	ug/Kg
206-44-0	Fluoranthene	3000		7.7	380	ug/Kg
129-00-0	Pyrene	2500		9.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	1600		18	380	ug/Kg
218-01-9	Chrysene	1500		17	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		13	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	550		18	380	ug/Kg
50-32-8	Benzo(a)pyrene	1300		8.3	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	760		13	380	ug/Kg
53-70-3	Dibenz(a,h)anthracene	380	U	11	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	790		16	380	ug/Kg
<b>SURROGATES</b>						
4165-60-0	Nitrobenzene-d5	84.9		31 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	88		39 - 123	88%	SPK: 100
1718-51-0	Terphenyl-d14	78.7		37 - 115	79%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	123526	4.85			
1146-65-2	Naphthalene-d8	436148	6			
15067-26-2	Acenaphthene-d10	223621	7.7			
1517-22-2	Phenanthrene-d10	352836	9.37			
1719-03-5	Chrysene-d12	306431	12.56			
1520-96-3	Perylene-d12	314847	14.47			

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Photech Imaging Site	Date Received:	01/19/12
Client Sample ID:	AOC4B-CS-1	SDG No.:	D1203
Lab Sample ID:	D1203-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.56		1	0.37	1.12	mg/Kg	01/19/12	01/20/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group7			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

D1203 METALS

DLM 8/6/12

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Photech Imaging Site	Date Received:	01/19/12
Client Sample ID:	AOC4B-CS-2	SDG No.:	D1203
Lab Sample ID:	D1203-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.8		1	0.3	0.92	mg/Kg	01/19/12	01/20/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group7			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Photech Imaging Site	Date Received:	01/19/12
Client Sample ID:	AOC4B-CS-3	SDG No.:	D1203
Lab Sample ID:	D1203-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.95		1	0.37	1.11	mg/Kg	01/19/12	01/20/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group7			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/13/12
Project:	Former Phototech Imaging Site	Date Received:	01/19/12
Client Sample ID:	210596-AOC2-TANKNORTHEND-0	SDG No.:	D1203
Lab Sample ID:	D1203-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.73		1	0.06	0.29	mg/Kg	01/19/12	01/20/12	SW6010B
7440-22-4	Silver	0.16	J	1	0.15	0.49	mg/Kg	01/19/12	01/20/12	SW6010B 0.49U

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

D1203 METALS

DLM 8/6/12 12

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Photech Imaging Site	Date Received:	01/19/12
Client Sample ID:	210596-AOC2-TANKSOUTHEND-0	SDG No.:	D1203
Lab Sample ID:	D1203-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	97.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.77		1	0.05	0.27	mg/Kg	01/19/12	01/20/12	SW6010B
7440-22-4	Silver	0.45	U	1	0.13	0.45	mg/Kg	01/19/12	01/20/12	SW6010B

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

D1203 METALS

DLM 8/6/12 13



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/18/12
Project:	Former Photech Imaging Site	Date Received:	01/19/12
Client Sample ID:	210596-AOC2-TANKSOILPILE-0	SDG No.:	D1203
Lab Sample ID:	D1203-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	2.89		1	0.06	0.28	mg/Kg	01/19/12	01/20/12	SW6010B
7440-22-4	Silver	2.7		1	0.14	0.46	mg/Kg	01/19/12	01/20/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

D1203 METALS

DLM 8/6/12

14

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/18/12
Project:	Former Photech Imaging Site	Date Received:	01/19/12
Client Sample ID:	210596-AOC2-FB1-0	SDG No.:	D1203
Lab Sample ID:	D1203-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	3	U	1	0.5	3	ug/L	01/19/12	01/20/12	SW6010B
7440-22-4	Silver	3.54	J	1	1.5	5	ug/L	01/19/12	01/20/12	SW6010B

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

D1203 METALS

DLM 8/6/12 15

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Phototech Imaging Site	Date Received:	01/19/12
Client Sample ID:	TRIPBLANK	SDG No.:	D1203
Lab Sample ID:	D1203-11	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	3	U	1	0.5	3	ug/L	01/19/12	01/20/12	SW6010B
7440-22-4	Silver	3.77	J	1	1.5	5	ug/L	01/19/12	01/20/12	SW6010B

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/16/12
Project:	Former Phototech Imaging Site	Date Received:	01/19/12
Client Sample ID:	BLINDDUPLICATE	SDG No.:	D1203
Lab Sample ID:	D1203-12	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	2.52		1	0.06	0.29	mg/Kg	01/19/12	01/20/12	SW6010B
7440-22-4	Silver	2.28		1	0.15	0.49	mg/Kg	01/19/12	01/20/12	SW6010B

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

D1203 METALS

DLM 8/6/12

17

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	01/18/12
Project:	Former Photech Imaging Site	Date Received:	01/19/12
Client Sample ID:	210596-EQBLANK-0	SDG No.:	D1203
Lab Sample ID:	D1203-13	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	3	U	1	0.5	3	ug/L	01/19/12	01/20/12	SW6010B
7440-22-4	Silver	3.21	J	1	1.5	5	ug/L	01/19/12	01/20/12	SW6010B

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # D1203**

**Test Name: SVOC-PAH**

### **A. Number of Samples and Date of Receipt:**

10 Solid samples were received on 01/19/2012.

3 Water samples were received on 01/19/2012.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Metals Group4, Metals Group7 and SVOC-PAH. This data package contains results for SVOC-PAH.

### **C. Analytical Techniques:**

The samples were analyzed on instrument BNA\_F using GC Column n RTX-5 SILMS which is 20 meters, 0.18 mm ID, 0.36  $\mu$ m df, Catalog # 42704. The analysis of SVOC-PAH was based on method 8270D and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

### **E. Additional Comments:**

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.



**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_



**CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # D1203**

**Test Name: Metals Group4, Metals Group7**

**A. Number of Samples and Date of Receipt:**

10 Solid samples were received on 01/19/2012.

3 Water samples were received on 01/19/2012.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Metals Group4, Metals Group7 and SVOC-PAH. This data package contains results for Metals Group4, Metals Group7.

**C. Analytical Techniques:**

The analysis of Metals Group4, Metals Group7 was based on method 6010B and digestion based on method 3050 (soils) and 3010 (waters).

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

**E. Additional Comments:**

CRI01 is failing for Silver .

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**DATA REPORTING QUALIFIERS- INORGANIC**

For reporting results, the following “ Result Qualifiers” are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected.
<b>E</b>	Indicates the reported value is estimated because of the presence of interference.
<b>M</b>	Indicates Duplicate injection precision is not met.
<b>N</b>	Indicates spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates the duplicate analysis is not within control limits.
<b>+</b>	Indicates correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometer “AS” for Semi -Automated Spectrophotometer “C” for Manual Spectrophotometer “T” for Titrimetric analysis “NR” for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

082755

D1203

### CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: LaBella Associates P.C.  
ADDRESS: 300 skate st Suite 201  
CITY: Rochester STATE: NY ZIP: 14611  
ATTENTION: Mike Peluchy / Dennis Parn  
PHONE: FAX:

### CLIENT PROJECT INFORMATION

PROJECT NAME: Phototech  
PROJECT NO: 209288 LOCATION:  
PROJECT MANAGER: Dennis Parn  
e-mail:  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: SAME PO#: ADDRESS:  
CITY: STATE: ZIP: ATTENTION: PHONE:

### ANALYSIS

### DATA TURNAROUND INFORMATION

FAX: 1 DAYS  
HARD COPY: DAYS  
EDD: STP DAYS  
PREAPPROVED TAT: ☐ YES ☐ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☒ EDD FORMAT oqms

1	2	3	4	5	6	7	8	9
Ag, Cd	Ag, Cd	PAH SVOC	Arse, WIC					

### PRESERVATIVES

### COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		E	E <sub>B</sub>	E	E	E					
1.	AOC1A-CS-1	Soil	X		1/16/12	1115	1			X							
2.	AOC1A-CS-2	Soil	X			1120	1			X							
3.	AOC1A-CS-3	Soil	X			1125	1			X							
4.	AOC4B-CS-1	Soil	X			1230	1				X						
5.	AOC4B-CS-2	Soil	X			1235	1				X						
6.	AOC4B-CS-3	Soil	Y			1240	1				X						
7.	210546-AOC2/Tank1/Northeast-O	Rock	X		1-13-12	1230	1	X									
8.	210546-AOC2/Tank1/Southeast-O	Rock	X		1-16-12	1400	1	X									
9.	210546-AOC2/Tank1/Soilpile-O	Soil	✓		1-18-12	1430	1	X									
10.	210546-AOC2/FBI-O	Liquid			1-18-12	1440			X								

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: <u>[Signature]</u>	DATE/TIME: <u>1/18/12</u>	RECEIVED BY: <u>[Signature]</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp. <u>4°C</u>
RELINQUISHED BY: <u>[Signature]</u>	DATE/TIME: <u>1/18/12</u>	RECEIVED BY: <u>UPS</u>	MeOH extraction requires an additional 4 oz jar for percent solid.	Ice in Cooler?: <u>Y</u>
RELINQUISHED BY: <u>UPS</u>	DATE/TIME: <u>1/19/12</u>	RECEIVED FOR LAB BY: <u>DS</u>	Comments:	

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT  
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

# CHEMTECH

## CHAIN OF CUSTODY RECORD

B1105083

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

083174

D1203

### CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Labellg Associates P.C.  
ADDRESS: 300 State St Suite 201  
CITY: Rochester STATE: NY ZIP: 14604  
ATTENTION:  
PHONE: FAX:

### CLIENT PROJECT INFORMATION

PROJECT NAME: Phorec  
PROJECT NO.: 201285 LOCATION:  
PROJECT MANAGER:  
e-mail:  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: Sprue PO#:  
ADDRESS:  
CITY: STATE: ZIP:  
ATTENTION: PHONE:

### ANALYSIS

### DATA TURNAROUND INFORMATION

FAX: 1 DAYS \*  
HARD COPY: STD DAYS \*  
EDD: STD DAYS \*  
PREAPPROVED TAT: ☐ YES ☒ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☒ EDD FORMAT equis

### PRESERVATIVES

### COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TRIP BLANK	water					1	X									
2.	BLIND DUPLICATE	soil					1		X								
3.	210546- EQBLANK-0	water			1/18/12	1535	1	X									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: <u>[Signature]</u>	DATE/TIME: <u>1/18/12 1000</u>	RECEIVED BY: <u>[Signature]</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp. <u>4°C</u>
RELINQUISHED BY: <u>[Signature]</u>	DATE/TIME: <u>1/18/12 1600</u>	RECEIVED BY: <u>UPS</u>	MeOH extraction requires an additional 4oz jar for percent solid.	Ice in Cooler?: <u>3</u>
RELINQUISHED BY: <u>UPS</u>	DATE/TIME: <u>1/19/12 10:05</u>	RECEIVED FOR LAB BY: <u>PS</u>	Comments:	

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT  
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: C4767**

**Sampling Date: November 22, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: C4767

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: ChemTech

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC13-CS-4	C4767-01	Soil	X	X
AOC13-CS-5	C4767-02	Soil	X	X
AOC13-CS-6	C4767-03	Soil	X	X
AOC13-CS-7	C4767-04	Soil	X	X
AOC13-CS-8	C4767-05	Soil	X	X
AOC13-CS-9	C4767-06	Soil	X	X
AOC13-CS-10	C4767-07	Soil	X	X

The data package contained eight (8) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.

Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

---

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Photech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-CS-4	SDG No.:	C4767
Lab Sample ID:	C4767-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	77.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.21	J	1	0.07	0.36	mg/Kg	11/29/11	11/30/11	SW6010B
7440-22-4	Silver	0.6	U	1	0.18	0.6	mg/Kg	11/29/11	11/30/11	SW6010B

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

**Report of Analysis**

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-CS-5	SDG No.:	C4767
Lab Sample ID:	C4767-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.49		1	0.06	0.32	mg/Kg	11/29/11	11/30/11	SW6010B
7440-22-4	Silver	0.97		1	0.16	0.54	mg/Kg	11/29/11	11/30/11	SW6010B

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Photech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-CS-6	SDG No.:	C4767
Lab Sample ID:	C4767-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.55		1	0.08	0.38	mg/Kg	11/29/11	11/30/11	SW6010B
7440-22-4	Silver	0.63	U	1	0.19	0.63	mg/Kg	11/29/11	11/30/11	SW6010B

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Photech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-CS-7	SDG No.:	C4767
Lab Sample ID:	C4767-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.33	U	1	0.07	0.33	mg/Kg	11/29/11	11/30/11	SW6010B
7440-22-4	Silver	0.54	U	1	0.16	0.54	mg/Kg	11/29/11	11/30/11	SW6010B

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-CS-8	SDG No.:	C4767
Lab Sample ID:	C4767-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.36	J	1	0.07	0.36	mg/Kg	11/29/11	11/30/11	SW6010B
7440-22-4	Silver	0.48	J	1	0.18	0.61	mg/Kg	11/29/11	11/30/11	SW6010B

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Photech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-CS-9	SDG No.:	C4767
Lab Sample ID:	C4767-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.09	J	1	0.06	0.32	mg/Kg	11/29/11	11/30/11	SW6010B
7440-22-4	Silver	0.53	U	1	0.16	0.53	mg/Kg	11/29/11	11/30/11	SW6010B

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-CS-10	SDG No.:	C4767
Lab Sample ID:	C4767-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-43-9	Cadmium	0.37		1	0.06	0.32	mg/Kg	11/29/11	11/30/11	SW6010B
7440-22-4	Silver	0.78		1	0.16	0.54	mg/Kg	11/29/11	11/30/11	SW6010B

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group4			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**



**CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # C4767**

**Test Name: Metals Group4**

**A. Number of Samples and Date of Receipt:**

7 Solid samples were received on 11/29/2011.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Metals Group4. This data package contains results for Metals Group4.

**C. Analytical Techniques:**

The analysis of Metals Group4 was based on method 6010B and digestion based on method 3050 (soils).

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**DATA REPORTING QUALIFIERS- INORGANIC**

For reporting results, the following “ Result Qualifiers” are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected.
<b>E</b>	Indicates the reported value is estimated because of the presence of interference.
<b>M</b>	Indicates Duplicate injection precision is not met.
<b>N</b>	Indicates spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates the duplicate analysis is not within control limits.
<b>+</b>	Indicates correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometer “AS” for Semi -Automated Spectrophotometer “C” for Manual Spectrophotometer “T” for Titrimetric analysis “NR” for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.

# CHEMTECH

## CHAIN OF CUSTODY RECORD

91165084

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 083183

64267

### CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: LaBella Associates, P.C.  
ADDRESS: 300 State St Suite 201  
CITY: Rochester STATE: NY ZIP: 14626  
ATTENTION: mpolycharny  
PHONE: FAX:

### CLIENT PROJECT INFORMATION

PROJECT NAME: Phototech  
PROJECT NO.: 209288 LOCATION:  
PROJECT MANAGER: Dennis Portin  
e-mail:  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: same PO#: ADDRESS:  
CITY: STATE: ZIP: ATTENTION: PHONE:

### ANALYSIS

### DATA TURNAROUND INFORMATION

FAX: 1 DAY DAYS \*  
HARD COPY: DAYS \*  
EDD: DAYS \*  
PREAPPROVED TAT: ☐ YES ☐ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☒ EDD FORMAT *environmental*

### PRESERVATIVES

### COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A - HCl    B - HNO <sub>3</sub> C - H <sub>2</sub> SO <sub>4</sub> D - NaOH E - ICE    F - Other	
			COMP	GRAB	DATE	TIME		E										
								1	2	3	4	5	6	7	8	9		
1.	AOC 13-C5-4	Seiv		X	11/22/11	1200	1	X										
2.	AOC 13-C5-5	↓		X	↓	1205	1	X										
3.	AOC 13-C5-6			X		1207	1	X										
4.	AOC 13-C5-7			X		1210	1	X										
5.	AOC 13-C5-8			X		1215	1	X										
6.	AOC 13-C5-9			X		1219	1	X										
7.	AOC 13-C5-10			X		1225	1	X										
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: <i>Michael A</i>	DATE/TIME: 11/25/11	RECEIVED BY: 1. <i>Shippa via UPS</i>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp. 5°C
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	MeOH extraction requires an additional 4 oz jar for percent solid.	Ice in Cooler?: <i>yes</i>
RELINQUISHED BY: <i>UPS</i>	DATE/TIME: 11/29/11	RECEIVED FOR LAB BY: <i>Kan Thorne</i>	Comments:	
2.			SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT	Shipment Complete: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3.			CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT	

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Volatiles, Semivolatiles, and TCLP Metals**

**SDG No: C4766**

**Sampling Date: November 22, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
VOLATILES, SEMIVOLATILES AND METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: C4766

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: ChemTech

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOCs (PAHs)	TCLP Metals
A0C13-WCS-112211-1	C4766-01	Soil	X	X	X
A0C13-WCS-112211-2	C4766-02	Soil	X	X	X

The data package contained two (2) soil samples. The samples were analyzed via Methods SW-846 8260B, 8270C, 1311/6010B, and 1311/7471A. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, surrogate recoveries, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
C4766-01	1,1,2-Trichlorotrifluoroethane, Trichlorofluoromethane, 1,1-Dichloroethene	UJ

Blanks Quality Control: The following were qualified due to contamination;

Sample Identification	Compound	Qualifier
C4766-01	Selenium	50 U

DATA USABILITY SUMMARY REPORT  
VOLATILES, SEMIVOLATILES AND METALS  
USEPA REGION II

---

Laboratory Control Sample (LCS): The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
C4766-01, C4766-02	Benzaldehyde, Dimethylphthalate	UJ

Surrogate: All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.

Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-1	SDG No.:	C4766
Lab Sample ID:	C4766-01	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	21
Sample Wt/Vol:	5.04      Units:    g	Final Vol:	5000                      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-624              ID :    0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF029716.D	1		11/29/11	VF112911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	6.3	U	0.82	6.3	ug/Kg
74-87-3	Chloromethane	6.3	U	1.1	6.3	ug/Kg
75-01-4	Vinyl Chloride	6.3	U	1.5	6.3	ug/Kg
74-83-9	Bromomethane	6.3	U	3.1	6.3	ug/Kg
75-00-3	Chloroethane	6.3	U	1.8	6.3	ug/Kg
75-69-4	Trichlorofluoromethane	6.3	U	1.7	6.3	ug/Kg UJ
76-13-1	1,1,2-Trichlorotrifluoroethane	6.3	U	1.7	6.3	ug/Kg UJ
75-35-4	1,1-Dichloroethene	6.3	U	1.8	6.3	ug/Kg UJ
67-64-1	Acetone	31	U	3.8	31	ug/Kg
75-15-0	Carbon Disulfide	6.3	U	1.3	6.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	6.3	U	1.2	6.3	ug/Kg
79-20-9	Methyl Acetate	6.3	U	1.9	6.3	ug/Kg
75-09-2	Methylene Chloride	6.3	U	1.8	6.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	6.3	U	0.87	6.3	ug/Kg
75-34-3	1,1-Dichloroethane	6.3	U	1.2	6.3	ug/Kg
110-82-7	Cyclohexane	6.3	U	1.3	6.3	ug/Kg
78-93-3	2-Butanone	31	U	3.9	31	ug/Kg
56-23-5	Carbon Tetrachloride	6.3	U	1.2	6.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	6.3	U	1.1	6.3	ug/Kg
67-66-3	Chloroform	6.3	U	0.93	6.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	6.3	U	1.1	6.3	ug/Kg
108-87-2	Methylcyclohexane	6.3	U	1.3	6.3	ug/Kg
71-43-2	Benzene	6.3	U	0.48	6.3	ug/Kg
107-06-2	1,2-Dichloroethane	6.3	U	0.8	6.3	ug/Kg
79-01-6	Trichloroethene	6.3	U	1.1	6.3	ug/Kg
78-87-5	1,2-Dichloropropane	6.3	U	0.33	6.3	ug/Kg
75-27-4	Bromodichloromethane	6.3	U	0.78	6.3	ug/Kg
108-10-1	4-Methyl-2-Pentanone	31	U	3.7	31	ug/Kg
108-88-3	Toluene	6.3	U	0.8	6.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	6.3	U	0.99	6.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	6.3	U	0.9	6.3	ug/Kg



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-1	SDG No.:	C4766
Lab Sample ID:	C4766-01	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	21
Sample Wt/Vol:	5.04      Units:    g	Final Vol:	5000              uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-624      ID :    0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF029716.D	1		11/29/11	VF112911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	6.3	U	1.1	6.3	ug/Kg
591-78-6	2-Hexanone	31	U	4.9	31	ug/Kg
124-48-1	Dibromochloromethane	6.3	U	0.68	6.3	ug/Kg
106-93-4	1,2-Dibromoethane	6.3	U	0.8	6.3	ug/Kg
127-18-4	Tetrachloroethene	6.3	U	1.3	6.3	ug/Kg
108-90-7	Chlorobenzene	6.3	U	0.63	6.3	ug/Kg
100-41-4	Ethyl Benzene	6.3	U	0.78	6.3	ug/Kg
179601-23-1	m/p-Xylenes	13	U	0.9	13	ug/Kg
95-47-6	o-Xylene	6.3	U	0.85	6.3	ug/Kg
100-42-5	Styrene	6.3	U	0.57	6.3	ug/Kg
75-25-2	Bromoform	6.3	U	0.93	6.3	ug/Kg
98-82-8	Isopropylbenzene	6.3	U	0.6	6.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	0.58	6.3	ug/Kg
103-65-1	n-propylbenzene	6.3	U	0.45	6.3	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	6.3	U	0.57	6.3	ug/Kg
98-06-6	tert-Butylbenzene	6.3	U	0.74	6.3	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	6.3	U	0.63	6.3	ug/Kg
135-98-8	sec-Butylbenzene	6.3	U	0.65	6.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	6.3	U	0.46	6.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	6.3	U	0.51	6.3	ug/Kg
104-51-8	n-Butylbenzene	6.3	U	0.58	6.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	6.3	U	0.78	6.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.3	U	1.1	6.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	6.3	U	0.88	6.3	ug/Kg
1330-20-7	Total Xylenes	19	U	1.8	19	ug/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	43.2		56 - 120	86%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		57 - 135	92%	SPK: 50
2037-26-5	Toluene-d8	48.3		67 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		33 - 141	109%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	102840	4.41			

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-1	SDG No.:	C4766
Lab Sample ID:	C4766-01	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	21
Sample Wt/Vol:	5.04      Units:    g	Final Vol:	5000              uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-624      ID :    0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF029716.D	1		11/29/11	VF112911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
540-36-3	1,4-Difluorobenzene	171494	5.14			
3114-55-4	Chlorobenzene-d5	170249	9.34			
3855-82-1	1,4-Dichlorobenzene-d4	98350	12.26			

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-2	SDG No.:	C4766
Lab Sample ID:	C4766-02	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	18
Sample Wt/Vol:	5.01      Units:    g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-624      ID :    0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF029727.D	1		11/30/11	VF113011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
75-71-8	Dichlorodifluoromethane	6.1	U	0.79	6.1	ug/Kg
74-87-3	Chloromethane	6.1	U	1	6.1	ug/Kg
75-01-4	Vinyl Chloride	6.1	U	1.5	6.1	ug/Kg
74-83-9	Bromomethane	6.1	U	3	6.1	ug/Kg
75-00-3	Chloroethane	6.1	U	1.7	6.1	ug/Kg
75-69-4	Trichlorofluoromethane	6.1	U	1.6	6.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	6.1	U	1.6	6.1	ug/Kg
75-35-4	1,1-Dichloroethene	6.1	U	1.8	6.1	ug/Kg
67-64-1	Acetone	30	U	3.7	30	ug/Kg
75-15-0	Carbon Disulfide	6.1	U	1.3	6.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	6.1	U	1.2	6.1	ug/Kg
79-20-9	Methyl Acetate	6.1	U	1.8	6.1	ug/Kg
75-09-2	Methylene Chloride	6.1	U	1.7	6.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	6.1	U	0.84	6.1	ug/Kg
75-34-3	1,1-Dichloroethane	6.1	U	1.1	6.1	ug/Kg
110-82-7	Cyclohexane	6.1	U	1.2	6.1	ug/Kg
78-93-3	2-Butanone	30	U	3.8	30	ug/Kg
56-23-5	Carbon Tetrachloride	6.1	U	1.2	6.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	6.1	U	1.1	6.1	ug/Kg
67-66-3	Chloroform	6.1	U	0.9	6.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	6.1	U	1.1	6.1	ug/Kg
108-87-2	Methylcyclohexane	6.1	U	1.3	6.1	ug/Kg
71-43-2	Benzene	6.1	U	0.46	6.1	ug/Kg
107-06-2	1,2-Dichloroethane	6.1	U	0.78	6.1	ug/Kg
79-01-6	Trichloroethene	6.1	U	1	6.1	ug/Kg
78-87-5	1,2-Dichloropropane	6.1	U	0.32	6.1	ug/Kg
75-27-4	Bromodichloromethane	6.1	U	0.75	6.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	30	U	3.6	30	ug/Kg
108-88-3	Toluene	6.1	U	0.78	6.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	6.1	U	0.96	6.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	6.1	U	0.88	6.1	ug/Kg

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-2	SDG No.:	C4766
Lab Sample ID:	C4766-02	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	18
Sample Wt/Vol:	5.01      Units:    g	Final Vol:	5000      uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-624      ID :    0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF029727.D	1		11/30/11	VF113011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	6.1	U	1.1	6.1	ug/Kg
591-78-6	2-Hexanone	30	U	4.8	30	ug/Kg
124-48-1	Dibromochloromethane	6.1	U	0.66	6.1	ug/Kg
106-93-4	1,2-Dibromoethane	6.1	U	0.78	6.1	ug/Kg
127-18-4	Tetrachloroethene	6.1	U	1.2	6.1	ug/Kg
108-90-7	Chlorobenzene	6.1	U	0.61	6.1	ug/Kg
100-41-4	Ethyl Benzene	6.1	U	0.75	6.1	ug/Kg
179601-23-1	m/p-Xylenes	12	U	0.88	12	ug/Kg
95-47-6	o-Xylene	6.1	U	0.83	6.1	ug/Kg
100-42-5	Styrene	6.1	U	0.55	6.1	ug/Kg
75-25-2	Bromoform	6.1	U	0.9	6.1	ug/Kg
98-82-8	Isopropylbenzene	6.1	U	0.58	6.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U	0.56	6.1	ug/Kg
103-65-1	n-propylbenzene	6.1	U	0.44	6.1	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	6.1	U	0.55	6.1	ug/Kg
98-06-6	tert-Butylbenzene	6.1	U	0.72	6.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	6.1	U	0.61	6.1	ug/Kg
135-98-8	sec-Butylbenzene	6.1	U	0.63	6.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	6.1	U	0.45	6.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	6.1	U	0.5	6.1	ug/Kg
104-51-8	n-Butylbenzene	6.1	U	0.56	6.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	6.1	U	0.75	6.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.1	U	1.1	6.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	6.1	U	0.85	6.1	ug/Kg
1330-20-7	Total Xylenes	18	U	1.7	18	ug/Kg
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	42		56 - 120	84%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		57 - 135	94%	SPK: 50
2037-26-5	Toluene-d8	47.3		67 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		33 - 141	93%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	126421	4.39			

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-2	SDG No.:	C4766
Lab Sample ID:	C4766-02	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	18
Sample Wt/Vol:	5.01      Units:    g	Final Vol:	5000              uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-624      ID :    0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF029727.D	1		11/30/11	VF113011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
540-36-3	1,4-Difluorobenzene	207669	5.14			
3114-55-4	Chlorobenzene-d5	187967	9.33			
3855-82-1	1,4-Dichlorobenzene-d4	95422	12.25			

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound  
\* = Values outside of QC limits  
D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-1	SDG No.:	C4766
Lab Sample ID:	C4766-01	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	21
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SOXH	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG001974.D	1	11/30/11	12/02/11	PB59604

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
100-52-7	Benzaldehyde	420	U	22	420	ug/Kg
108-95-2	Phenol	420	U	9.7	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	420	U	20	420	ug/Kg
95-57-8	2-Chlorophenol	420	U	22	420	ug/Kg
95-48-7	2-Methylphenol	420	U	23	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	420	U	17	420	ug/Kg
98-86-2	Acetophenone	420	U	13	420	ug/Kg
65794-96-9	3+4-Methylphenols	420	U	22	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	420	U	21	420	ug/Kg
67-72-1	Hexachloroethane	420	U	19	420	ug/Kg
98-95-3	Nitrobenzene	420	U	16	420	ug/Kg
78-59-1	Isophorone	420	U	14	420	ug/Kg
88-75-5	2-Nitrophenol	420	U	20	420	ug/Kg
105-67-9	2,4-Dimethylphenol	420	U	24	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	420	U	24	420	ug/Kg
120-83-2	2,4-Dichlorophenol	420	U	16	420	ug/Kg
91-20-3	Naphthalene	420	U	15	420	ug/Kg
106-47-8	4-Chloroaniline	420	U	30	420	ug/Kg
87-68-3	Hexachlorobutadiene	420	U	15	420	ug/Kg
105-60-2	Caprolactam	420	U	20	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	420	U	19	420	ug/Kg
91-57-6	2-Methylnaphthalene	420	U	11	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	420	U	10	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	420	U	13	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	30	420	ug/Kg
92-52-4	1,1-Biphenyl	420	U	16	420	ug/Kg
91-58-7	2-Chloronaphthalene	420	U	9.6	420	ug/Kg
88-74-4	2-Nitroaniline	420	U	19	420	ug/Kg
131-11-3	Dimethylphthalate	420	U	11	420	ug/Kg
208-96-8	Acenaphthylene	420	U	11	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	420	U	17	420	ug/Kg

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-1	SDG No.:	C4766
Lab Sample ID:	C4766-01	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	21
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SOXH	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG001974.D	1	11/30/11	12/02/11	PB59604

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	420	U	27	420	ug/Kg
83-32-9	Acenaphthene	420	U	12	420	ug/Kg
51-28-5	2,4-Dinitrophenol	420	U	43	420	ug/Kg
100-02-7	4-Nitrophenol	420	U	78	420	ug/Kg
132-64-9	Dibenzofuran	420	U	16	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	420	U	13	420	ug/Kg
84-66-2	Diethylphthalate	420	U	6.6	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	420	U	23	420	ug/Kg
86-73-7	Fluorene	420	U	16	420	ug/Kg
100-01-6	4-Nitroaniline	420	U	55	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	420	U	24	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	420	U	10	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	420	U	8.2	420	ug/Kg
118-74-1	Hexachlorobenzene	420	U	17	420	ug/Kg
1912-24-9	Atrazine	420	U	22	420	ug/Kg
87-86-5	Pentachlorophenol	420	U	29	420	ug/Kg
85-01-8	Phenanthrene	380	J	11	420	ug/Kg
120-12-7	Anthracene	420	U	8.6	420	ug/Kg
86-74-8	Carbazole	420	U	9.2	420	ug/Kg
84-74-2	Di-n-butylphthalate	420	U	33	420	ug/Kg
206-44-0	Fluoranthene	620		8.5	420	ug/Kg
129-00-0	Pyrene	560		10	420	ug/Kg
85-68-7	Butylbenzylphthalate	420	U	20	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	420	U	27	420	ug/Kg
56-55-3	Benzo(a)anthracene	260	J	20	420	ug/Kg
218-01-9	Chrysene	290	J	19	420	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	420	U	15	420	ug/Kg
117-84-0	Di-n-octyl phthalate	420	U	4.8	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	370	J	14	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	420	U	20	420	ug/Kg
50-32-8	Benzo(a)pyrene	260	J	9.1	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	U	14	420	ug/Kg
53-70-3	Dibenz(a,h)anthracene	420	U	12	420	ug/Kg

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-1	SDG No.:	C4766
Lab Sample ID:	C4766-01	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	21
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SOXH	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG001974.D	1	11/30/11	12/02/11	PB59604

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	420	U	17	420	ug/Kg
123-91-1	1,4-Dioxane	420	U	420	420	ug/Kg
<b>SURROGATES</b>						
367-12-4	2-Fluorophenol	60		28 - 127	40%	SPK: 150
13127-88-3	Phenol-d5	67.4		34 - 127	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	47.9		31 - 132	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.6		39 - 123	54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.3		30 - 133	56%	SPK: 150
1718-51-0	Terphenyl-d14	56.8		37 - 115	57%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	48206	8.21			
1146-65-2	Naphthalene-d8	173531	10.39			
15067-26-2	Acenaphthene-d10	104445	13.35			
1517-22-2	Phenanthrene-d10	185468	15.82			
1719-03-5	Chrysene-d12	183447	20.22			
1520-96-3	Perylene-d12	169293	23.54			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

DLm 8/6/12



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-2	SDG No.:	C4766
Lab Sample ID:	C4766-02	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	18
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SOXH	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG001975.D	1	11/30/11	12/02/11	PB59604

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
100-52-7	Benzaldehyde	400	U	21	400	ug/Kg
108-95-2	Phenol	400	U	9.4	400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	400	U	19	400	ug/Kg
95-57-8	2-Chlorophenol	400	U	21	400	ug/Kg
95-48-7	2-Methylphenol	400	U	22	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	400	U	17	400	ug/Kg
98-86-2	Acetophenone	400	U	12	400	ug/Kg
65794-96-9	3+4-Methylphenols	400	U	21	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	400	U	20	400	ug/Kg
67-72-1	Hexachloroethane	400	U	18	400	ug/Kg
98-95-3	Nitrobenzene	400	U	15	400	ug/Kg
78-59-1	Isophorone	400	U	13	400	ug/Kg
88-75-5	2-Nitrophenol	400	U	20	400	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	23	400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	400	U	23	400	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	15	400	ug/Kg
91-20-3	Naphthalene	400	U	14	400	ug/Kg
106-47-8	4-Chloroaniline	400	U	29	400	ug/Kg
87-68-3	Hexachlorobutadiene	400	U	15	400	ug/Kg
105-60-2	Caprolactam	400	U	19	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	400	U	18	400	ug/Kg
91-57-6	2-Methylnaphthalene	400	U	10	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	400	U	9.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	12	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	400	U	28	400	ug/Kg
92-52-4	1,1-Biphenyl	400	U	15	400	ug/Kg
91-58-7	2-Chloronaphthalene	400	U	9.2	400	ug/Kg
88-74-4	2-Nitroaniline	400	U	18	400	ug/Kg
131-11-3	Dimethylphthalate	190	J	11	400	ug/Kg
208-96-8	Acenaphthylene	400	U	10	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	400	U	17	400	ug/Kg

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-2	SDG No.:	C4766
Lab Sample ID:	C4766-02	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	18
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	SOXH	Decanted :	N
Injection Volume :	1	Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N
		PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG001975.D	1	11/30/11	12/02/11	PB59604

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	400	U	26	400	ug/Kg
83-32-9	Acenaphthene	400	U	11	400	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	41	400	ug/Kg
100-02-7	4-Nitrophenol	400	U	75	400	ug/Kg
132-64-9	Dibenzofuran	400	U	16	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	400	U	12	400	ug/Kg
84-66-2	Diethylphthalate	400	U	6.3	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	400	U	22	400	ug/Kg
86-73-7	Fluorene	400	U	15	400	ug/Kg
100-01-6	4-Nitroaniline	400	U	53	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	23	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	400	U	9.7	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	400	U	7.9	400	ug/Kg
118-74-1	Hexachlorobenzene	400	U	17	400	ug/Kg
1912-24-9	Atrazine	400	U	21	400	ug/Kg
87-86-5	Pentachlorophenol	400	U	28	400	ug/Kg
85-01-8	Phenanthrene	400	U	11	400	ug/Kg
120-12-7	Anthracene	400	U	8.3	400	ug/Kg
86-74-8	Carbazole	400	U	8.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	400	U	32	400	ug/Kg
206-44-0	Fluoranthene	400	U	8.2	400	ug/Kg
129-00-0	Pyrene	400	U	9.7	400	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	19	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	26	400	ug/Kg
56-55-3	Benzo(a)anthracene	400	U	19	400	ug/Kg
218-01-9	Chrysene	400	U	18	400	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	400	U	14	400	ug/Kg
117-84-0	Di-n-octyl phthalate	400	U	4.6	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	U	13	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	400	U	19	400	ug/Kg
50-32-8	Benzo(a)pyrene	400	U	8.8	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	14	400	ug/Kg
53-70-3	Dibenz(a,h)anthracene	400	U	12	400	ug/Kg

## Report of Analysis

Client:	LaBella Associates P.C.			Date Collected:	11/22/11		
Project:	Former Photech Imaging Site			Date Received:	11/29/11		
Client Sample ID:	A0C13-WCS-112211-2			SDG No.:	C4766		
Lab Sample ID:	C4766-02			Matrix:	SOIL		
Analytical Method:	SW8270C			% Moisture:	18		
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1		
Extraction Type :	SOXH		Decanted :	N	Level :	LOW	
Injection Volume :	1	GPC Factor :	1.0	GPC Cleanup :	N	PH :	N/A

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG001975.D	1	11/30/11	12/02/11	PB59604

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	400	U	16	400	ug/Kg
123-91-1	1,4-Dioxane	400	U	400	400	ug/Kg
<b>SURROGATES</b>						
367-12-4	2-Fluorophenol	42.1		28 - 127	28%	SPK: 150
13127-88-3	Phenol-d5	49.9	*	34 - 127	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	32.9		31 - 132	33%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.4		39 - 123	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	104		30 - 133	70%	SPK: 150
1718-51-0	Terphenyl-d14	72.4		37 - 115	72%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	43877	8.21			
1146-65-2	Naphthalene-d8	160721	10.39			
15067-26-2	Acenaphthene-d10	94976	13.35			
1517-22-2	Phenanthrene-d10	170630	15.82			
1719-03-5	Chrysene-d12	172171	20.21			
1520-96-3	Perylene-d12	157009	23.54			

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
E = Value Exceeds Calibration Range

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
N = Presumptive Evidence of a Compound  
\* = Values outside of QC limits  
D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-1	SDG No.:	C4766
Lab Sample ID:	C4766-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	100	U	1	42	100	ug/L	11/30/11	12/01/11	SW6010B
7440-39-3	Barium	746		1	40	500	ug/L	11/30/11	12/01/11	SW6010B
7440-43-9	Cadmium	31.7		1	5	30	ug/L	11/30/11	12/01/11	SW6010B
7440-47-3	Chromium	50	U	1	11	50	ug/L	11/30/11	12/01/11	SW6010B
7439-92-1	Lead	60	U	1	26	60	ug/L	11/30/11	12/01/11	SW6010B
7439-97-6	Mercury	2	U	1	0.915	2	ug/L	12/01/11	12/02/11	SW7470A
7782-49-2	Selenium	100	U	1	48	100	ug/L	11/30/11	12/01/11	SW6010B
7440-22-4	Silver	27.6	J	1	15	50	ug/L	11/30/11	12/01/11	SW6010B 50U

Color Before:	Colorless	Clarity Before:	Texture:	CLEARC
Color After:	Colorless	Clarity After:	Artifacts:	CLEAR
Comments:	TCLP METALS			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/22/11
Project:	Former Phototech Imaging Site	Date Received:	11/29/11
Client Sample ID:	A0C13-WCS-112211-2	SDG No.:	C4766
Lab Sample ID:	C4766-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	100	U	1	42	100	ug/L	11/30/11	12/01/11	SW6010B
7440-39-3	Barium	1580		1	40	500	ug/L	11/30/11	12/01/11	SW6010B
7440-43-9	Cadmium	30	U	1	5	30	ug/L	11/30/11	12/01/11	SW6010B
7440-47-3	Chromium	50	U	1	11	50	ug/L	11/30/11	12/01/11	SW6010B
7439-92-1	Lead	60	U	1	26	60	ug/L	11/30/11	12/01/11	SW6010B
7439-97-6	Mercury	2	U	1	0.915	2	ug/L	12/01/11	12/02/11	SW7470A
7782-49-2	Selenium	100	U	1	48	100	ug/L	11/30/11	12/01/11	SW6010B
7440-22-4	Silver	31.9	J	1	15	50	ug/L	11/30/11	12/01/11	SW6010B 50U

Color Before:	Colorless	Clarity Before:	Texture:	CLEAR
Color After:	Colorless	Clarity After:	Artifacts:	CLEAR
Comments:	TCLP METALS			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # C4766**

**Test Name: VOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 11/29/2011.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOCMS Group1. This data package contains results for VOCMS Group1.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_F were done using GC column RTX-VMS, which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by Supelco, VOCARB 3000, Tekmar 2000 Concentrator. The analysis of VOCMS Group1 was based on method 8260B.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID VF029701.D met the requirements except for 1,1,2-Trichlorotrifluoroethane, Trichlorofluoromethane and 1,1-Dichloroethene but they were not detected in Samples.

The Tuning criteria met requirements.

### **E. Additional Comments:**

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.



**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_



## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # C4766**

**Test Name: SVOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 11/29/2011.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOCMS Group1. This data package contains results for SVOCMS Group1.

### **C. Analytical Techniques:**

The samples were analyzed on instrument BNA\_G using GC Column RXI-5 SILMS which is 30 meters, 0.25 mm ID, 0.50 um df, Catalog # 13638-124. The analysis of SVOCMS Group1 was based on method 8270C and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for A0C13-WCS-112211-2 [Phenol-d5 - 33%].

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD for {C4766-02MSD} with File ID: BG001977.D recoveries met criteria except for 3,3-Dichlorobenzidine[22%], 4-Chloroaniline[31%] .

The Blank Spike for {PB59604BS} with File ID: BG001970.D met requirements for all samples except for Benzaldehyde[5%], Dimethylphthalate[59%] but they were not detected in samples.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

### **E. Additional Comments:**

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount



for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_



## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # C4766**

**Test Name: TCLP ICP Metals, TCLP Mercury**

**A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 11/29/2011.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOCMS Group1. This data package contains results for TCLP ICP Metals, TCLP Mercury.

**C. Analytical Techniques:**

The analysis of TCLP ICP Metals was based on method 6010B, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike did not meet in house requirements for Selenium but it is in 80-120% criteria.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

**E. Additional Comments:**

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Result Qualifiers" are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected.
<b>E</b>	Indicates the reported value is estimated because of the presence of interference.
<b>M</b>	Indicates Duplicate injection precision is not met.
<b>N</b>	Indicates spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates the duplicate analysis is not within control limits.
<b>+</b>	Indicates correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers "P" for ICP instrument "PM" for ICP when Microwave Digestion is used "CV" for Manual Cold Vapor AA "AV" for automated Cold Vapor AA "CA" for MIDI-Distillation Spectrophotometer "AS" for Semi -Automated Spectrophotometer "C" for Manual Spectrophotometer "T" for Titrimetric analysis "NR" for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

# CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 083184

CL766

## CLIENT INFORMATION

REPORT TO BE SENT TO:  
COMPANY: LaBella Associates, P.C.  
ADDRESS: 300 State St, Suite 201  
CITY: Rochester STATE: NY ZIP: 14611  
ATTENTION: Mr. Pelychuk  
PHONE: FAX:

## CLIENT PROJECT INFORMATION

PROJECT NAME: Photach  
PROJECT NO.: 209288 LOCATION:  
PROJECT MANAGER: Dennis Porter  
e-mail:  
PHONE: FAX:

## CLIENT BILLING INFORMATION

BILL TO: Same PO#: ADDRESS:  
CITY: STATE: ZIP: ATTENTION: PHONE:

## DATA TURNAROUND INFORMATION

FAX: STD DAYS \*  
HARD COPY: DAYS \*  
EDD: DAYS \*  
PREAPPROVED TAT: ☐ YES ☐ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

## DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☐ EDD FORMAT

TEL VOL  
TEL SWR  
TEL PRCR Metals

## PRESERVATIVES

## COMMENTS

← Specify Preservatives  
A-HCl B-HNO<sub>3</sub>  
C-H<sub>2</sub>SO<sub>4</sub> D-NaOH  
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		E	E	E							
1.	ACC13-WCS-112211-1	Soil	X	X	11-22-11	1300	1	X	X	X							
2.	ACC13-WCS-112211-2	Soil	X		11-22-11	1315	1	X	X	X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

MFP

## SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: 1. [Signature]	DATE/TIME: 11/25/11	RECEIVED BY: 1. Shipped via UPS	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp. 5°C
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.	MeOH extraction requires an additional 4 oz jar for percent solid.	Ice in Cooler?: YES
RELINQUISHED BY: 3. UPS	DATE/TIME: 10:05 11/29/11	RECEIVED FOR LAB BY: 3. [Signature]	Comments:	

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT  
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: B3860**

**Sampling Date: September 20, 2010**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: B3860

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: ChemTech

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	RCRA Metals
B2IRM/CSNSW-1	B3860-01	Soil	X
B2IRM/CSSSW-1	B3860-02	Soil	X
B2IRM/CSESW-1	B3860-03	Soil	X
B2IRM/CSWSW-1	B3860-04	Soil	X
B7IRM/CSNSW-1	B3860-05	Soil	X
B7IRM/CSSSW-1	B3860-06	Soil	X
B7IRM/CSESW-1	B3860-07	Soil	X
B7IRM/CSWSW-1	B3860-08	Soil	X

The data package contained eight (8) soil samples. The samples were analyzed via Methods SW-846 6010B, and 7471A. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.

Laboratory Duplicate: All results were acceptable.

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.



## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/20/10
Project:	Former Phototech Imaging Site	Date Received:	10/12/10
Client Sample ID:	B2IRM-CSNSW-1	SDG No.:	B3860
Lab Sample ID:	B3860-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	73.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.69		1	0.3	0.445	0.89	mg/Kg	10/12/10	10/12/10	6010B
7440-39-3	Barium	14.7		1	0.36	2.235	4.47	mg/Kg	10/12/10	10/12/10	6010B
7440-43-9	Cadmium	0.45		1	0.05	0.135	0.27	mg/Kg	10/12/10	10/12/10	6010B
7440-47-3	Chromium	3.37		1	0.12	0.225	0.45	mg/Kg	10/12/10	10/12/10	6010B
7439-92-1	Lead	10		1	0.11	0.27	0.54	mg/Kg	10/12/10	10/12/10	6010B
7439-97-6	Mercury	0.014	U	1	0.003	0.007	0.014	mg/Kg	10/13/10	10/13/10	SW7471A
7782-49-2	Selenium	0.48	J	1	0.37	0.445	0.89	mg/Kg	10/12/10	10/12/10	6010B
7440-22-4	Silver	1.2		1	0.13	0.225	0.45	mg/Kg	10/12/10	10/12/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/20/10
Project:	Former Phototech Imaging Site	Date Received:	10/12/10
Client Sample ID:	B2IRM-CSSSW-1	SDG No.:	B3860
Lab Sample ID:	B3860-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	74.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.59		1	0.25	0.385	0.77	mg/Kg	10/12/10	10/12/10	6010B
7440-39-3	Barium	12.5		1	0.31	1.915	3.83	mg/Kg	10/12/10	10/12/10	6010B
7440-43-9	Cadmium	0.22	J	1	0.05	0.115	0.23	mg/Kg	10/12/10	10/12/10	6010B
7440-47-3	Chromium	2.82		1	0.1	0.19	0.38	mg/Kg	10/12/10	10/12/10	6010B
7439-92-1	Lead	7.44		1	0.09	0.23	0.46	mg/Kg	10/12/10	10/12/10	6010B
7439-97-6	Mercury	0.006	J	1	0.003	0.0065	0.013	mg/Kg	10/13/10	10/13/10	SW7471A
7782-49-2	Selenium	0.77	U	1	0.31	0.385	0.77	mg/Kg	10/12/10	10/12/10	6010B
7440-22-4	Silver	0.33	J	1	0.12	0.19	0.38	mg/Kg	10/12/10	10/12/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

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LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/20/10
Project:	Former Phototech Imaging Site	Date Received:	10/12/10
Client Sample ID:	B2IRM-CSESW-1	SDG No.:	B3860
Lab Sample ID:	B3860-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	79

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.5		1	0.27	0.415	0.83	mg/Kg	10/12/10	10/12/10	6010B
7440-39-3	Barium	23.6		1	0.33	2.08	4.16	mg/Kg	10/12/10	10/12/10	6010B
7440-43-9	Cadmium	4.17		1	0.05	0.125	0.25	mg/Kg	10/12/10	10/12/10	6010B
7440-47-3	Chromium	5.42		1	0.11	0.21	0.42	mg/Kg	10/12/10	10/12/10	6010B
7439-92-1	Lead	12.4		1	0.1	0.25	0.5	mg/Kg	10/12/10	10/12/10	6010B
7439-97-6	Mercury	0.032		1	0.002	0.0065	0.013	mg/Kg	10/13/10	10/13/10	SW7471A
7782-49-2	Selenium	0.73	J	1	0.34	0.415	0.83	mg/Kg	10/12/10	10/12/10	6010B
7440-22-4	Silver	2.48		1	0.12	0.21	0.42	mg/Kg	10/12/10	10/12/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

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MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/20/10
Project:	Former Phototech Imaging Site	Date Received:	10/12/10
Client Sample ID:	B2IRM-CSWSW-1	SDG No.:	B3860
Lab Sample ID:	B3860-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.71		1	0.22	0.335	0.67	mg/Kg	10/12/10	10/12/10	6010B
7440-39-3	Barium	30.5		1	0.27	1.675	3.35	mg/Kg	10/12/10	10/12/10	6010B
7440-43-9	Cadmium	2.78		1	0.04	0.1	0.2	mg/Kg	10/12/10	10/12/10	6010B
7440-47-3	Chromium	6.32		1	0.09	0.165	0.33	mg/Kg	10/12/10	10/12/10	6010B
7439-92-1	Lead	9.62		1	0.08	0.2	0.4	mg/Kg	10/12/10	10/12/10	6010B
7439-97-6	Mercury	0.032		1	0.002	0.006	0.012	mg/Kg	10/13/10	10/13/10	SW7471A
7782-49-2	Selenium	0.56	J	1	0.27	0.335	0.67	mg/Kg	10/12/10	10/12/10	6010B
7440-22-4	Silver	7.34		1	0.1	0.165	0.33	mg/Kg	10/12/10	10/12/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

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MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/20/10
Project:	Former Phototech Imaging Site	Date Received:	10/12/10
Client Sample ID:	B7IRM-CSNSW-1	SDG No.:	B3860
Lab Sample ID:	B3860-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.19		1	0.21	0.315	0.63	mg/Kg	10/12/10	10/12/10	6010B
7440-39-3	Barium	19.8		1	0.25	1.585	3.17	mg/Kg	10/12/10	10/12/10	6010B
7440-43-9	Cadmium	114		1	0.04	0.095	0.19	mg/Kg	10/12/10	10/12/10	6010B
7440-47-3	Chromium	3.94		1	0.08	0.16	0.32	mg/Kg	10/12/10	10/12/10	6010B
7439-92-1	Lead	12.4		1	0.08	0.19	0.38	mg/Kg	10/12/10	10/12/10	6010B
7439-97-6	Mercury	0.02		1	0.002	0.006	0.012	mg/Kg	10/13/10	10/13/10	SW7471A
7782-49-2	Selenium	0.41	J	1	0.26	0.315	0.63	mg/Kg	10/12/10	10/12/10	6010B
7440-22-4	Silver	17.7		1	0.1	0.16	0.32	mg/Kg	10/12/10	10/12/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/20/10
Project:	Former Phototech Imaging Site	Date Received:	10/12/10
Client Sample ID:	B7IRM-CSSSW-1	SDG No.:	B3860
Lab Sample ID:	B3860-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.8		1	0.25	0.37	0.74	mg/Kg	10/12/10	10/12/10	6010B
7440-39-3	Barium	17.9		1	0.3	1.855	3.71	mg/Kg	10/12/10	10/12/10	6010B
7440-43-9	Cadmium	40		1	0.04	0.11	0.22	mg/Kg	10/12/10	10/12/10	6010B
7440-47-3	Chromium	4.06		1	0.1	0.185	0.37	mg/Kg	10/12/10	10/12/10	6010B
7439-92-1	Lead	32.2		1	0.09	0.225	0.45	mg/Kg	10/12/10	10/12/10	6010B
7439-97-6	Mercury	0.012	U	1	0.002	0.006	0.012	mg/Kg	10/13/10	10/13/10	SW7471A
7782-49-2	Selenium	0.66	J	1	0.3	0.37	0.74	mg/Kg	10/12/10	10/12/10	6010B
7440-22-4	Silver	18.6		1	0.11	0.185	0.37	mg/Kg	10/12/10	10/12/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

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LOD = Limit of Detection

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/20/10
Project:	Former Phototech Imaging Site	Date Received:	10/12/10
Client Sample ID:	B7IRM-CSESW-1	SDG No.:	B3860
Lab Sample ID:	B3860-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	76.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.58		1	0.27	0.405	0.81	mg/Kg	10/12/10	10/12/10	6010B
7440-39-3	Barium	18.3		1	0.33	2.03	4.06	mg/Kg	10/12/10	10/12/10	6010B
7440-43-9	Cadmium	38.7		1	0.05	0.12	0.24	mg/Kg	10/12/10	10/12/10	6010B
7440-47-3	Chromium	4.38		1	0.11	0.205	0.41	mg/Kg	10/12/10	10/12/10	6010B
7439-92-1	Lead	14.7		1	0.1	0.245	0.49	mg/Kg	10/12/10	10/12/10	6010B
7439-97-6	Mercury	0.046		1	0.002	0.0065	0.013	mg/Kg	10/13/10	10/13/10	SW7471A
7782-49-2	Selenium	0.75	J	1	0.33	0.405	0.81	mg/Kg	10/12/10	10/12/10	6010B
7440-22-4	Silver	14.1		1	0.12	0.205	0.41	mg/Kg	10/12/10	10/12/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

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D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

OR = Over Range



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/20/10
Project:	Former Phototech Imaging Site	Date Received:	10/12/10
Client Sample ID:	B7IRM-CSWSW-1	SDG No.:	B3860
Lab Sample ID:	B3860-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.62		1	0.23	0.34	0.68	mg/Kg	10/12/10	10/12/10	6010B
7440-39-3	Barium	16.5		1	0.27	1.71	3.42	mg/Kg	10/12/10	10/12/10	6010B
7440-43-9	Cadmium	0.47		1	0.04	0.105	0.21	mg/Kg	10/12/10	10/12/10	6010B
7440-47-3	Chromium	3.82		1	0.09	0.17	0.34	mg/Kg	10/12/10	10/12/10	6010B
7439-92-1	Lead	7.56		1	0.08	0.205	0.41	mg/Kg	10/12/10	10/12/10	6010B
7439-97-6	Mercury	0.012	U	1	0.002	0.006	0.012	mg/Kg	10/13/10	10/13/10	SW7471A
7782-49-2	Selenium	0.45	J	1	0.28	0.34	0.68	mg/Kg	10/12/10	10/12/10	6010B
7440-22-4	Silver	0.34	U	1	0.1	0.17	0.34	mg/Kg	10/12/10	10/12/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

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OR = Over Range

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**



## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # B3860**

**A. Number of Samples and Date of Receipt:**

8 Solid samples were received on 10/12/10.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, and METALS RCRA. This data package contains results for Mercury and Metals ICP-RCRA.

**C. Analytical Techniques:**

The analysis of Mercury was based on method 7471A and Metals ICP-RCRA was based on method 6010B.

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**DATA REPORTING QUALIFIERS- INORGANIC**

For reporting results, the following “ Result Qualifiers” are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected.
<b>E</b>	Indicates the reported value is estimated because of the presence of interference.
<b>M</b>	Indicates Duplicate injection precision is not met.
<b>N</b>	Indicates spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates the duplicate analysis is not within control limits.
<b>+</b>	Indicates correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometer “AS” for Semi -Automated Spectrophotometer “C” for Manual Spectrophotometer “T” for Titrimetric analysis “NR” for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922

www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 083944

B3860

### CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: LaBella Associates P.C.  
ADDRESS: 300 State St S. 4 201  
CITY: Providence STATE: RI ZIP: 02901  
ATTENTION: Mr. Pelychak  
PHONE: 585 951 6225 FAX: 585 770 2553

### CLIENT PROJECT INFORMATION

PROJECT NAME: Protech  
PROJECT NO.: 209288 LOCATION:  
PROJECT MANAGER: Dennis Patten  
e-mail: mpelychak@labella.com  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: PO#:  
ADDRESS: Same  
CITY: STATE: ZIP:  
ATTENTION: PHONE:

### ANALYSIS

### DATA TURNAROUND INFORMATION

FAX: 2 DAYS  
HARD COPY: DAYS  
EDD: DAYS  
PREAPPROVED TAT: ☐ YES ☒ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☒ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☐ EDD FORMAT

Total PCB Metals

### PRESERVATIVES

### COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLE	← Specify Preservatives											
			COMP	GRAB	DATE	TIME		E	1	2	3	4	5	6	7	8	9	A - HCl C - H <sub>2</sub> SO <sub>4</sub> E - ICE	B - HNO <sub>3</sub> D - NaOH F - Other
1.	B2IRM / CSNSW-1	Soil		X	4/20/10	1000	1	X											
2.	B2IRM / CSNSW-1			X		1005	1	X											
3.	B2IRM / CSNSW-1			X		1010	1	X											
4.	B2IRM / CSNSW-1			X		1015	1	X											
5.	B7IRM / CSNSW-1			X		1030	1	X											
6.	B7IRM / CSNSW-1			X		1035	1	X											
7.	B7IRM / CSNSW-1			X		1040	1	X											
8.	B7IRM / CSNSW-1			X		1045	1	X											
9.																			
10.																			

### SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: <u>1. [Signature]</u>	DATE/TIME: <u>10/11/10</u>	RECEIVED BY: <u>1. [Signature]</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp. <u>5°C</u>
RELINQUISHED BY: <u>2.</u>	DATE/TIME: <u></u>	RECEIVED BY: <u>2.</u>	MeOH extraction requires an additional 4 oz jar for percent solid.	Ice in Cooler?: <u>yes</u>
RELINQUISHED BY: <u>3. UPS</u>	DATE/TIME: <u>10/12/10 10:10</u>	RECEIVED FOR LAB BY: <u>3. Ken Linares</u>	Comments: <u></u>	

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT  
CHEMTECH: ☐ PICKED UP ☒ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Volatiles, Semivolatiles, and Metals**

**SDG No: B3487**

**Sampling Date: August 30, 31 and September 1, 2010**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
VOLATILES, SEMIVOLATILES AND METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: B3487

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: ChemTech

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOCs (PAHs)	RCRA Metals
A0C1B-CS-1	B3487-01	Soil	X	X	X
A0C1B-CS-2	B3487-02	Soil	X	X	X
A0C1B-CS-3	B3487-03	Soil	X	X	X
A0C1A-CS-1	B3487-04	Soil		X	X
A0C1A-CS-2	B3487-05	Soil		X	X
A0C1A-CS-3	B3487-06	Soil		X	X
A0C1A-CS-4	B3487-07	Soil		X	X
A0C1A-CS-5	B3487-08	Soil		X	X
A0C1A-CS-6	B3487-09	Soil		X	X
A0C1A-CS-7	B3487-10	Soil		X	X
A0C1A-CS-8	B3487-11	Soil		X	X
A0C1A-CS-9	B3487-12	Soil		X	X
A0C1A-CS-10	B3487-13	Soil		X	X
A0C1A-CS-11	B3487-14	Soil		X	X
A0C1A-CS-12	B3487-15	Soil		X	X

The data package contained fifteen (15) soil samples. The samples were analyzed via Methods SW-846 8260B, 8270C, 6010B, and 7471A. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, surrogate recoveries, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

DATA USABILITY SUMMARY REPORT  
VOLATILES, SEMIVOLATILES AND METALS  
USEPA REGION II

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Calibration Quality Control: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
B3487-01, B3487-03	1,2 Dichloropropane	UJ

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Surrogate: All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.

Laboratory Duplicate: All results were acceptable.

Additional Comments: Some sample results were presented at a dilution. When an original and diluted result were reported for the same sample; one result for each sample was reported as usable and one was rejected "R". Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.



## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-1	SDG No.:	B3487
Lab Sample ID:	B3487-01	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	16
Sample Wt/Vol:	5.09 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VK040798.D	1		09/02/10	VK090210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
75-71-8	Dichlorodifluoromethane	5.8	U	0.76	2.9	5.8	ug/Kg
74-87-3	Chloromethane	5.8	U	1	2.9	5.8	ug/Kg
75-01-4	Vinyl Chloride	5.8	U	1.4	2.9	5.8	ug/Kg
74-83-9	Bromomethane	5.8	U	2.9	2.9	5.8	ug/Kg
75-00-3	Chloroethane	5.8	U	1.6	2.9	5.8	ug/Kg
75-69-4	Trichlorofluoromethane	5.8	U	1.5	2.9	5.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.8	U	1.6	2.9	5.8	ug/Kg
75-35-4	1,1-Dichloroethene	5.8	U	1.7	2.9	5.8	ug/Kg
67-64-1	Acetone	29	U	3.5	14.5	29	ug/Kg
75-15-0	Carbon Disulfide	5.8	U	1.2	2.9	5.8	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.8	U	1.1	2.9	5.8	ug/Kg
79-20-9	Methyl Acetate	5.8	U	1.8	2.9	5.8	ug/Kg
75-09-2	Methylene Chloride	5.8	U	1.7	2.9	5.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.8	U	0.81	2.9	5.8	ug/Kg
75-34-3	1,1-Dichloroethane	5.8	U	1.1	2.9	5.8	ug/Kg
110-82-7	Cyclohexane	5.8	U	1.2	2.9	5.8	ug/Kg
78-93-3	2-Butanone	29	U	3.6	14.5	29	ug/Kg
56-23-5	Carbon Tetrachloride	5.8	U	1.2	2.9	5.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.8	U	1	2.9	5.8	ug/Kg
67-66-3	Chloroform	5.8	U	0.87	2.9	5.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.8	U	1	2.9	5.8	ug/Kg
108-87-2	Methylcyclohexane	5.8	U	1.2	2.9	5.8	ug/Kg
71-43-2	Benzene	5.8	U	0.44	2.9	5.8	ug/Kg
107-06-2	1,2-Dichloroethane	5.8	U	0.75	2.9	5.8	ug/Kg
79-01-6	Trichloroethene	5.8	U	1	2.9	5.8	ug/Kg
78-87-5	1,2-Dichloropropane	5.8	U	0.3	2.9	5.8	ug/Kg
75-27-4	Bromodichloromethane	5.8	U	0.73	2.9	5.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	29	U	3.4	14.5	29	ug/Kg
108-88-3	Toluene	5.2	J	0.75	2.9	5.8	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.8	U	0.92	2.9	5.8	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.8	U	0.84	2.9	5.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	5.8	U	1.1	2.9	5.8	ug/Kg
591-78-6	2-Hexanone	29	U	4.6	14.5	29	ug/Kg
124-48-1	Dibromochloromethane	5.8	U	0.63	2.9	5.8	ug/Kg
106-93-4	1,2-Dibromoethane	5.8	U	0.75	2.9	5.8	ug/Kg

UJ

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-1	SDG No.:	B3487
Lab Sample ID:	B3487-01	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	16
Sample Wt/Vol:	5.09	Units:	g
Soil Aliquot Vol:		Final Vol:	5000 uL
		Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VK040798.D	1		09/02/10	VK090210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
127-18-4	Tetrachloroethene	5.8	U	1.2	2.9	5.8	ug/Kg
108-90-7	Chlorobenzene	5.8	U	0.58	2.9	5.8	ug/Kg
100-41-4	Ethyl Benzene	5.8	U	0.73	2.9	5.8	ug/Kg
179601-23-1	m/p-Xylenes	5.2	J	0.84	6	12	ug/Kg
95-47-6	o-Xylene	5.8	U	0.8	2.9	5.8	ug/Kg
100-42-5	Styrene	5.8	U	0.53	2.9	5.8	ug/Kg
75-25-2	Bromoform	5.8	U	0.87	2.9	5.8	ug/Kg
98-82-8	Isopropylbenzene	5.8	U	0.56	2.9	5.8	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	0.54	2.9	5.8	ug/Kg
103-65-1	n-propylbenzene	5.8	U	0.42	2.9	5.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.8	U	0.53	2.9	5.8	ug/Kg
98-06-6	tert-Butylbenzene	5.8	U	0.69	2.9	5.8	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.8	U	0.58	2.9	5.8	ug/Kg
135-98-8	sec-Butylbenzene	5.8	U	0.61	2.9	5.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.8	U	0.43	2.9	5.8	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.8	U	0.48	2.9	5.8	ug/Kg
104-51-8	n-Butylbenzene	5.8	U	0.54	2.9	5.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.8	U	0.73	2.9	5.8	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U	1	2.9	5.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.8	U	0.82	2.9	5.8	ug/Kg
1330-20-7	Total Xylenes	5.2	J	1.6	9	18	ug/Kg
<b>SURROGATES</b>							
17060-07-0	1,2-Dichloroethane-d4	47.9		55 - 158		96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		53 - 156		99%	SPK: 50
2037-26-5	Toluene-d8	50.7		68 - 122		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		25 - 144		97%	SPK: 50
<b>INTERNAL STANDARDS</b>							
363-72-4	Pentafluorobenzene	569871	3.19				
540-36-3	1,4-Difluorobenzene	1034170	3.57				
3114-55-4	Chlorobenzene-d5	1028190	6.25				
3855-82-1	1,4-Dichlorobenzene-d4	543786	8.58				

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-2	SDG No.:	B3487
Lab Sample ID:	B3487-02	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	18
Sample Wt/Vol:	5.11 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VK040817.D	1		09/03/10	VK090310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
75-71-8	Dichlorodifluoromethane	6	U	0.78	3	6	ug/Kg
74-87-3	Chloromethane	6	U	1	3	6	ug/Kg
75-01-4	Vinyl Chloride	6	U	1.5	3	6	ug/Kg
74-83-9	Bromomethane	6	U	2.9	3	6	ug/Kg
75-00-3	Chloroethane	6	U	1.7	3	6	ug/Kg
75-69-4	Trichlorofluoromethane	6	U	1.6	3	6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	6	U	1.6	3	6	ug/Kg
75-35-4	1,1-Dichloroethene	6	U	1.8	3	6	ug/Kg
67-64-1	Acetone	30	U	3.6	15	30	ug/Kg
75-15-0	Carbon Disulfide	6	U	1.3	3	6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	6	U	1.1	3	6	ug/Kg
79-20-9	Methyl Acetate	6	U	1.8	3	6	ug/Kg
75-09-2	Methylene Chloride	6	U	1.7	3	6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	6	U	0.82	3	6	ug/Kg
75-34-3	1,1-Dichloroethane	6	U	1.1	3	6	ug/Kg
110-82-7	Cyclohexane	6	U	1.2	3	6	ug/Kg
78-93-3	2-Butanone	30	U	3.7	15	30	ug/Kg
56-23-5	Carbon Tetrachloride	6	U	1.2	3	6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	6	U	1.1	3	6	ug/Kg
67-66-3	Chloroform	6	U	0.88	3	6	ug/Kg
71-55-6	1,1,1-Trichloroethane	6	U	1.1	3	6	ug/Kg
108-87-2	Methylcyclohexane	6	U	1.3	3	6	ug/Kg
71-43-2	Benzene	6	U	0.45	3	6	ug/Kg
107-06-2	1,2-Dichloroethane	6	U	0.76	3	6	ug/Kg
79-01-6	Trichloroethene	6	U	1	3	6	ug/Kg
78-87-5	1,2-Dichloropropane	6	U	0.31	3	6	ug/Kg
75-27-4	Bromodichloromethane	6	U	0.74	3	6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	30	U	3.5	15	30	ug/Kg
108-88-3	Toluene	6	U	0.76	3	6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	6	U	0.94	3	6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	6	U	0.86	3	6	ug/Kg
79-00-5	1,1,2-Trichloroethane	6	U	1.1	3	6	ug/Kg
591-78-6	2-Hexanone	30	U	4.7	15	30	ug/Kg
124-48-1	Dibromochloromethane	6	U	0.64	3	6	ug/Kg
106-93-4	1,2-Dibromoethane	6	U	0.76	3	6	ug/Kg

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-2	SDG No.:	B3487
Lab Sample ID:	B3487-02	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	18
Sample Wt/Vol:	5.11 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VK040817.D	1		09/03/10	VK090310

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
127-18-4	Tetrachloroethene	6	U	1.2	3	6	ug/Kg
108-90-7	Chlorobenzene	6	U	0.6	3	6	ug/Kg
100-41-4	Ethyl Benzene	6	U	0.74	3	6	ug/Kg
179601-23-1	m/p-Xylenes	12	U	0.86	6	12	ug/Kg
95-47-6	o-Xylene	6	U	0.81	3	6	ug/Kg
100-42-5	Styrene	6	U	0.54	3	6	ug/Kg
75-25-2	Bromoform	6	U	0.88	3	6	ug/Kg
98-82-8	Isopropylbenzene	6	U	0.57	3	6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	6	U	0.55	3	6	ug/Kg
103-65-1	n-propylbenzene	6	U	0.43	3	6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	6	U	0.54	3	6	ug/Kg
98-06-6	tert-Butylbenzene	6	U	0.7	3	6	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	6	U	0.6	3	6	ug/Kg
135-98-8	sec-Butylbenzene	6	U	0.62	3	6	ug/Kg
541-73-1	1,3-Dichlorobenzene	6	U	0.44	3	6	ug/Kg
106-46-7	1,4-Dichlorobenzene	6	U	0.49	3	6	ug/Kg
104-51-8	n-Butylbenzene	6	U	0.55	3	6	ug/Kg
95-50-1	1,2-Dichlorobenzene	6	U	0.74	3	6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6	U	1	3	6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	6	U	0.84	3	6	ug/Kg
1330-20-7	Total Xylenes	18	U	1.7	9	18	ug/Kg
<b>SURROGATES</b>							
17060-07-0	1,2-Dichloroethane-d4	47.7		55 - 158		95%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		53 - 156		104%	SPK: 50
2037-26-5	Toluene-d8	52.1		68 - 122		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		25 - 144		100%	SPK: 50
<b>INTERNAL STANDARDS</b>							
363-72-4	Pentafluorobenzene	565528	3.2				
540-36-3	1,4-Difluorobenzene	1008120	3.58				
3114-55-4	Chlorobenzene-d5	999253	6.27				
3855-82-1	1,4-Dichlorobenzene-d4	522536	8.59				

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-3	SDG No.:	B3487
Lab Sample ID:	B3487-03	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	17
Sample Wt/Vol:	5.08 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VK040800.D	1		09/02/10	VK090210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
75-71-8	Dichlorodifluoromethane	5.9	U	0.77	2.95	5.9	ug/Kg
74-87-3	Chloromethane	5.9	U	1	2.95	5.9	ug/Kg
75-01-4	Vinyl Chloride	5.9	U	1.5	2.95	5.9	ug/Kg
74-83-9	Bromomethane	5.9	U	2.9	2.95	5.9	ug/Kg
75-00-3	Chloroethane	5.9	U	1.7	2.95	5.9	ug/Kg
75-69-4	Trichlorofluoromethane	5.9	U	1.6	2.95	5.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.9	U	1.6	2.95	5.9	ug/Kg
75-35-4	1,1-Dichloroethene	5.9	U	1.7	2.95	5.9	ug/Kg
67-64-1	Acetone	30	U	3.6	15	30	ug/Kg
75-15-0	Carbon Disulfide	5.9	U	1.3	2.95	5.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.9	U	1.1	2.95	5.9	ug/Kg
79-20-9	Methyl Acetate	5.9	U	1.8	2.95	5.9	ug/Kg
75-09-2	Methylene Chloride	5.9	U	1.7	2.95	5.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.9	U	0.82	2.95	5.9	ug/Kg
75-34-3	1,1-Dichloroethane	5.9	U	1.1	2.95	5.9	ug/Kg
110-82-7	Cyclohexane	5.9	U	1.2	2.95	5.9	ug/Kg
78-93-3	2-Butanone	30	U	3.7	15	30	ug/Kg
56-23-5	Carbon Tetrachloride	5.9	U	1.2	2.95	5.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.9	U	1.1	2.95	5.9	ug/Kg
67-66-3	Chloroform	5.9	U	0.88	2.95	5.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.9	U	1	2.95	5.9	ug/Kg
108-87-2	Methylcyclohexane	5.9	U	1.3	2.95	5.9	ug/Kg
71-43-2	Benzene	5.9	U	0.45	2.95	5.9	ug/Kg
107-06-2	1,2-Dichloroethane	5.9	U	0.76	2.95	5.9	ug/Kg
79-01-6	Trichloroethene	5.9	U	1	2.95	5.9	ug/Kg
78-87-5	1,2-Dichloropropane	5.9	U	0.31	2.95	5.9	ug/Kg
75-27-4	Bromodichloromethane	5.9	U	0.74	2.95	5.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	30	U	3.5	15	30	ug/Kg
108-88-3	Toluene	5.9	U	0.76	2.95	5.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.9	U	0.94	2.95	5.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.9	U	0.85	2.95	5.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	5.9	U	1.1	2.95	5.9	ug/Kg
591-78-6	2-Hexanone	30	U	4.6	15	30	ug/Kg
124-48-1	Dibromochloromethane	5.9	U	0.64	2.95	5.9	ug/Kg
106-93-4	1,2-Dibromoethane	5.9	U	0.76	2.95	5.9	ug/Kg

JJ

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-3	SDG No.:	B3487
Lab Sample ID:	B3487-03	Matrix:	SOIL
Analytical Method:	SW8260B	% Moisture:	17
Sample Wt/Vol:	5.08	Units:	g
Soil Aliquot Vol:		Final Vol:	5000 uL
		Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VK040800.D	1		09/02/10	VK090210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
127-18-4	Tetrachloroethene	5.9	U	1.2	2.95	5.9	ug/Kg
108-90-7	Chlorobenzene	5.9	U	0.59	2.95	5.9	ug/Kg
100-41-4	Ethyl Benzene	5.9	U	0.74	2.95	5.9	ug/Kg
179601-23-1	m/p-Xylenes	12	U	0.85	6	12	ug/Kg
95-47-6	o-Xylene	5.9	U	0.81	2.95	5.9	ug/Kg
100-42-5	Styrene	5.9	U	0.53	2.95	5.9	ug/Kg
75-25-2	Bromoform	5.9	U	0.88	2.95	5.9	ug/Kg
98-82-8	Isopropylbenzene	5.9	U	0.57	2.95	5.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U	0.55	2.95	5.9	ug/Kg
103-65-1	n-propylbenzene	5.9	U	0.43	2.95	5.9	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.9	U	0.53	2.95	5.9	ug/Kg
98-06-6	tert-Butylbenzene	5.9	U	0.7	2.95	5.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.9	U	0.59	2.95	5.9	ug/Kg
135-98-8	sec-Butylbenzene	5.9	U	0.62	2.95	5.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.9	U	0.44	2.95	5.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.9	U	0.49	2.95	5.9	ug/Kg
104-51-8	n-Butylbenzene	5.9	U	0.55	2.95	5.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.9	U	0.74	2.95	5.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U	1	2.95	5.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.9	U	0.83	2.95	5.9	ug/Kg
1330-20-7	Total Xylenes	18	U	1.7	9	18	ug/Kg
<b>SURROGATES</b>							
17060-07-0	1,2-Dichloroethane-d4	44.2		55 - 158		89%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		53 - 156		101%	SPK: 50
2037-26-5	Toluene-d8	50.2		68 - 122		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		25 - 144		95%	SPK: 50
<b>INTERNAL STANDARDS</b>							
363-72-4	Pentafluorobenzene	589449	3.19				
540-36-3	1,4-Difluorobenzene	1027990	3.57				
3114-55-4	Chlorobenzene-d5	994667	6.25				
3855-82-1	1,4-Dichlorobenzene-d4	525068	8.58				

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-1	SDG No.:	B3487
Lab Sample ID:	B3487-01	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	16
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066330.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	390	U	14	195	390	ug/Kg
208-96-8	Acenaphthylene	390	U	10	195	390	ug/Kg
83-32-9	Acenaphthene	390	U	11	195	390	ug/Kg
86-73-7	Fluorene	390	U	15	195	390	ug/Kg
85-01-8	Phenanthrene	100	J	11	195	390	ug/Kg
120-12-7	Anthracene	390	U	8.1	195	390	ug/Kg
206-44-0	Fluoranthene	160	J	8	195	390	ug/Kg
129-00-0	Pyrene	140	J	9.5	195	390	ug/Kg
56-55-3	Benzo(a)anthracene	75	J	19	195	390	ug/Kg
218-01-9	Chrysene	75	J	18	195	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	J	13	195	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	390	U	19	195	390	ug/Kg
50-32-8	Benzo(a)pyrene	64	J	8.6	195	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390	U	13	195	390	ug/Kg
53-70-3	Dibenz(a,h)anthracene	390	U	11	195	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	390	U	16	195	390	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	90.6		30 - 150		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.5		19 - 182		86%	SPK: 100
1718-51-0	Terphenyl-d14	82.5		24 - 191		83%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	88783	6.6				
1146-65-2	Naphthalene-d8	336340	8.77				
15067-26-2	Acenaphthene-d10	190269	12				
1517-22-2	Phenanthrene-d10	326878	14.77				
1719-03-5	Chrysene-d12	316307	18.15				
1520-96-3	Perylene-d12	286834	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-2	SDG No.:	B3487
Lab Sample ID:	B3487-02	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	18
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066331.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	400	U	14	200	400	ug/Kg
208-96-8	Acenaphthylene	400	U	10	200	400	ug/Kg
83-32-9	Acenaphthene	400	U	11	200	400	ug/Kg
86-73-7	Fluorene	400	U	15	200	400	ug/Kg
85-01-8	Phenanthrene	400	U	11	200	400	ug/Kg
120-12-7	Anthracene	400	U	8.3	200	400	ug/Kg
206-44-0	Fluoranthene	400	U	8.2	200	400	ug/Kg
129-00-0	Pyrene	400	U	9.7	200	400	ug/Kg
56-55-3	Benzo(a)anthracene	400	U	19	200	400	ug/Kg
218-01-9	Chrysene	400	U	18	200	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	U	13	200	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	400	U	19	200	400	ug/Kg
50-32-8	Benzo(a)pyrene	400	U	8.8	200	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	14	200	400	ug/Kg
53-70-3	Dibenz(a,h)anthracene	400	U	12	200	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	U	16	200	400	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	75.4		30 - 150		75%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		19 - 182		80%	SPK: 100
1718-51-0	Terphenyl-d14	81.4		24 - 191		81%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	74974	6.6				
1146-65-2	Naphthalene-d8	290788	8.77				
15067-26-2	Acenaphthene-d10	163836	12				
1517-22-2	Phenanthrene-d10	284118	14.77				
1719-03-5	Chrysene-d12	280111	18.14				
1520-96-3	Perylene-d12	258998	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-3	SDG No.:	B3487
Lab Sample ID:	B3487-03	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	17
Sample Wt/Vol:	30.11	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066332.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	400	U	14	200	400	ug/Kg
208-96-8	Acenaphthylene	400	U	10	200	400	ug/Kg
83-32-9	Acenaphthene	400	U	11	200	400	ug/Kg
86-73-7	Fluorene	400	U	15	200	400	ug/Kg
85-01-8	Phenanthrene	94	J	11	200	400	ug/Kg
120-12-7	Anthracene	400	U	8.2	200	400	ug/Kg
206-44-0	Fluoranthene	130	J	8	200	400	ug/Kg
129-00-0	Pyrene	100	J	9.6	200	400	ug/Kg
56-55-3	Benzo(a)anthracene	58	J	19	200	400	ug/Kg
218-01-9	Chrysene	56	J	18	200	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	66	J	13	200	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	400	U	19	200	400	ug/Kg
50-32-8	Benzo(a)pyrene	400	U	8.6	200	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	13	200	400	ug/Kg
53-70-3	Dibenz(a,h)anthracene	400	U	12	200	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	U	16	200	400	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	88.3		30 - 150		88%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.4		19 - 182		87%	SPK: 100
1718-51-0	Terphenyl-d14	80.8		24 - 191		81%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	87628	6.6				
1146-65-2	Naphthalene-d8	340828	8.78				
15067-26-2	Acenaphthene-d10	194107	12				
1517-22-2	Phenanthrene-d10	329322	14.77				
1719-03-5	Chrysene-d12	325425	18.15				
1520-96-3	Perylene-d12	292793	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/30/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-1	SDG No.:	B3487
Lab Sample ID:	B3487-04	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	14
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066344.D	1	09/02/10	09/04/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	300	J	13	190	380	ug/Kg
208-96-8	Acenaphthylene	74	J	9.7	190	380	ug/Kg
83-32-9	Acenaphthene	890		11	190	380	ug/Kg
86-73-7	Fluorene	1200		15	190	380	ug/Kg
85-01-8	Phenanthrene	9900	E	10	190	380	ug/Kg R
120-12-7	Anthracene	3300	E	7.9	190	380	ug/Kg R
206-44-0	Fluoranthene	11000	E	7.8	190	380	ug/Kg R
129-00-0	Pyrene	8700	E	9.3	190	380	ug/Kg R
56-55-3	Benzo(a)anthracene	6100	E	18	190	380	ug/Kg R
218-01-9	Chrysene	5300	E	17	190	380	ug/Kg R
205-99-2	Benzo(b)fluoranthene	6000	E	13	190	380	ug/Kg R
207-08-9	Benzo(k)fluoranthene	2600		18	190	380	ug/Kg
50-32-8	Benzo(a)pyrene	4800	E	8.3	190	380	ug/Kg R
193-39-5	Indeno(1,2,3-cd)pyrene	2500		13	190	380	ug/Kg
53-70-3	Dibenz(a,h)anthracene	840		11	190	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2500		16	190	380	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	98.9		30 - 150		99%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.7		19 - 182		98%	SPK: 100
1718-51-0	Terphenyl-d14	83.6		24 - 191		84%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	101845	6.6				
1146-65-2	Naphthalene-d8	384047	8.78				
15067-26-2	Acenaphthene-d10	213386	12				
1517-22-2	Phenanthrene-d10	341193	14.78				
1719-03-5	Chrysene-d12	368797	18.15				
1520-96-3	Perylene-d12	336242	20.38				

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/30/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-1DL	SDG No.:	B3487
Lab Sample ID:	B3487-04DL	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	14
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066345.D	5	09/02/10	09/04/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	310	JD	67	950	1900	ug/Kg R
208-96-8	Acenaphthylene	1900	UD	49	950	1900	ug/Kg R
83-32-9	Acenaphthene	940	JD	54	950	1900	ug/Kg R
86-73-7	Fluorene	1200	JD	73	950	1900	ug/Kg R
85-01-8	Phenanthrene	11000	D	52	950	1900	ug/Kg
120-12-7	Anthracene	3300	D	39	950	1900	ug/Kg
206-44-0	Fluoranthene	14000	D	39	950	1900	ug/Kg
129-00-0	Pyrene	11000	D	46	950	1900	ug/Kg
56-55-3	Benzo(a)anthracene	6800	D	92	950	1900	ug/Kg
218-01-9	Chrysene	5600	D	87	950	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	6400	D	63	950	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	2500	D	91	950	1900	ug/Kg R
50-32-8	Benzo(a)pyrene	5000	D	42	950	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2500	D	64	950	1900	ug/Kg R
53-70-3	Dibenz(a,h)anthracene	840	JD	56	950	1900	ug/Kg R
191-24-2	Benzo(g,h,i)perylene	2500	D	78	950	1900	ug/Kg R
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	101		30 - 150		101%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		19 - 182		102%	SPK: 100
1718-51-0	Terphenyl-d14	91.1		24 - 191		91%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	92503	6.6				
1146-65-2	Naphthalene-d8	356497	8.77				
15067-26-2	Acenaphthene-d10	197515	12				
1517-22-2	Phenanthrene-d10	340100	14.77				
1719-03-5	Chrysene-d12	331516	18.15				
1520-96-3	Perylene-d12	306057	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-2	SDG No.:	B3487
Lab Sample ID:	B3487-05	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	14
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066333.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	380	U	13	190	380	ug/Kg
208-96-8	Acenaphthylene	380	U	9.8	190	380	ug/Kg
83-32-9	Acenaphthene	380	U	11	190	380	ug/Kg
86-73-7	Fluorene	380	U	15	190	380	ug/Kg
85-01-8	Phenanthrene	58	J	10	190	380	ug/Kg
120-12-7	Anthracene	380	U	7.9	190	380	ug/Kg
206-44-0	Fluoranthene	100	J	7.8	190	380	ug/Kg
129-00-0	Pyrene	77	J	9.3	190	380	ug/Kg
56-55-3	Benzo(a)anthracene	380	U	18	190	380	ug/Kg
218-01-9	Chrysene	380	U	18	190	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	J	13	190	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	380	U	18	190	380	ug/Kg
50-32-8	Benzo(a)pyrene	380	U	8.4	190	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380	U	13	190	380	ug/Kg
53-70-3	Dibenz(a,h)anthracene	380	U	11	190	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380	U	16	190	380	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	48.2		30 - 150		48%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.6		19 - 182		57%	SPK: 100
1718-51-0	Terphenyl-d14	67.2		24 - 191		67%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	86675	6.6				
1146-65-2	Naphthalene-d8	340423	8.78				
15067-26-2	Acenaphthene-d10	196713	12				
1517-22-2	Phenanthrene-d10	341071	14.77				
1719-03-5	Chrysene-d12	338449	18.14				
1520-96-3	Perylene-d12	304768	20.36				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-3	SDG No.:	B3487
Lab Sample ID:	B3487-06	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066334.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	350	U	12	175	350	ug/Kg
208-96-8	Acenaphthylene	350	U	9	175	350	ug/Kg
83-32-9	Acenaphthene	75	J	10	175	350	ug/Kg
86-73-7	Fluorene	68	J	14	175	350	ug/Kg
85-01-8	Phenanthrene	760		9.7	175	350	ug/Kg
120-12-7	Anthracene	170	J	7.3	175	350	ug/Kg
206-44-0	Fluoranthene	1000		7.2	175	350	ug/Kg
129-00-0	Pyrene	800		8.6	175	350	ug/Kg
56-55-3	Benzo(a)anthracene	460		17	175	350	ug/Kg
218-01-9	Chrysene	440		16	175	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		12	175	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	17	175	350	ug/Kg
50-32-8	Benzo(a)pyrene	370		7.7	175	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	12	175	350	ug/Kg
53-70-3	Dibenz(a,h)anthracene	62	J	10	175	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	J	14	175	350	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	68.5		30 - 150		69%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.9		19 - 182		72%	SPK: 100
1718-51-0	Terphenyl-d14	70.3		24 - 191		70%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	89539	6.6				
1146-65-2	Naphthalene-d8	340651	8.77				
15067-26-2	Acenaphthene-d10	196166	12				
1517-22-2	Phenanthrene-d10	328539	14.77				
1719-03-5	Chrysene-d12	329880	18.15				
1520-96-3	Perylene-d12	295427	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-4	SDG No.:	B3487
Lab Sample ID:	B3487-07	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	11
Sample Wt/Vol:	30.11      Units:    g	Final Vol:	1000                      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066335.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	370	U	13	185	370	ug/Kg
208-96-8	Acenaphthylene	370	U	9.4	185	370	ug/Kg
83-32-9	Acenaphthene	370	U	11	185	370	ug/Kg
86-73-7	Fluorene	370	U	14	185	370	ug/Kg
85-01-8	Phenanthrene	370	U	10	185	370	ug/Kg
120-12-7	Anthracene	370	U	7.6	185	370	ug/Kg
206-44-0	Fluoranthene	370	U	7.5	185	370	ug/Kg
129-00-0	Pyrene	370	U	9	185	370	ug/Kg
56-55-3	Benzo(a)anthracene	370	U	18	185	370	ug/Kg
218-01-9	Chrysene	370	U	17	185	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	370	U	12	185	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	370	U	18	185	370	ug/Kg
50-32-8	Benzo(a)pyrene	370	U	8.1	185	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	12	185	370	ug/Kg
53-70-3	Dibenz(a,h)anthracene	370	U	11	185	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370	U	15	185	370	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	84		30 - 150		84%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.5		19 - 182		86%	SPK: 100
1718-51-0	Terphenyl-d14	89.1		24 - 191		89%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	94005	6.6				
1146-65-2	Naphthalene-d8	356590	8.78				
15067-26-2	Acenaphthene-d10	205972	12				
1517-22-2	Phenanthrene-d10	341823	14.77				
1719-03-5	Chrysene-d12	328264	18.14				
1520-96-3	Perylene-d12	303624	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-5	SDG No.:	B3487
Lab Sample ID:	B3487-08	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	21
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066336.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	420	U	15	210	420	ug/Kg
208-96-8	Acenaphthylene	420	U	11	210	420	ug/Kg
83-32-9	Acenaphthene	420	U	12	210	420	ug/Kg
86-73-7	Fluorene	420	U	16	210	420	ug/Kg
85-01-8	Phenanthrene	380	J	11	210	420	ug/Kg
120-12-7	Anthracene	98	J	8.6	210	420	ug/Kg
206-44-0	Fluoranthene	690		8.5	210	420	ug/Kg
129-00-0	Pyrene	570		10	210	420	ug/Kg
56-55-3	Benzo(a)anthracene	460		20	210	420	ug/Kg
218-01-9	Chrysene	400	J	19	210	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	510		14	210	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	20	210	420	ug/Kg
50-32-8	Benzo(a)pyrene	380	J	9.1	210	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	14	210	420	ug/Kg
53-70-3	Dibenz(a,h)anthracene	64	J	12	210	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	J	17	210	420	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	45.3		30 - 150		45%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.9		19 - 182		45%	SPK: 100
1718-51-0	Terphenyl-d14	65.8		24 - 191		66%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	85468	6.6				
1146-65-2	Naphthalene-d8	334861	8.77				
15067-26-2	Acenaphthene-d10	187148	12				
1517-22-2	Phenanthrene-d10	323663	14.77				
1719-03-5	Chrysene-d12	319127	18.15				
1520-96-3	Perylene-d12	285596	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-6	SDG No.:	B3487
Lab Sample ID:	B3487-09	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	26
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066337.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	450	U	16	225	450	ug/Kg
208-96-8	Acenaphthylene	450	U	11	225	450	ug/Kg
83-32-9	Acenaphthene	180	J	13	225	450	ug/Kg
86-73-7	Fluorene	180	J	17	225	450	ug/Kg
85-01-8	Phenanthrene	1700		12	225	450	ug/Kg
120-12-7	Anthracene	430	J	9.2	225	450	ug/Kg
206-44-0	Fluoranthene	1700		9	225	450	ug/Kg
129-00-0	Pyrene	1300		11	225	450	ug/Kg
56-55-3	Benzo(a)anthracene	760		21	225	450	ug/Kg
218-01-9	Chrysene	660		20	225	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		15	225	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	J	21	225	450	ug/Kg
50-32-8	Benzo(a)pyrene	490		9.7	225	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	J	15	225	450	ug/Kg
53-70-3	Dibenz(a,h)anthracene	85	J	13	225	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	J	18	225	450	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	90.6		30 - 150		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.4		19 - 182		91%	SPK: 100
1718-51-0	Terphenyl-d14	84.2		24 - 191		84%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	93420	6.6				
1146-65-2	Naphthalene-d8	361796	8.77				
15067-26-2	Acenaphthene-d10	202885	12				
1517-22-2	Phenanthrene-d10	347826	14.78				
1719-03-5	Chrysene-d12	339485	18.14				
1520-96-3	Perylene-d12	308118	20.36				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-7	SDG No.:	B3487
Lab Sample ID:	B3487-10	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	25
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066338.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	440	U	15	220	440	ug/Kg
208-96-8	Acenaphthylene	440	U	11	220	440	ug/Kg
83-32-9	Acenaphthene	440	U	13	220	440	ug/Kg
86-73-7	Fluorene	440	U	17	220	440	ug/Kg
85-01-8	Phenanthrene	200	J	12	220	440	ug/Kg
120-12-7	Anthracene	440	U	9.1	220	440	ug/Kg
206-44-0	Fluoranthene	250	J	8.9	220	440	ug/Kg
129-00-0	Pyrene	210	J	11	220	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	21	220	440	ug/Kg
218-01-9	Chrysene	110	J	20	220	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	15	220	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	440	U	21	220	440	ug/Kg
50-32-8	Benzo(a)pyrene	84	J	9.6	220	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440	U	15	220	440	ug/Kg
53-70-3	Dibenz(a,h)anthracene	440	U	13	220	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440	U	18	220	440	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	89.8		30 - 150		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.6		19 - 182		90%	SPK: 100
1718-51-0	Terphenyl-d14	84.4		24 - 191		84%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	94521	6.6				
1146-65-2	Naphthalene-d8	361985	8.77				
15067-26-2	Acenaphthene-d10	203901	12.01				
1517-22-2	Phenanthrene-d10	343828	14.77				
1719-03-5	Chrysene-d12	330737	18.15				
1520-96-3	Perylene-d12	303039	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-8	SDG No.:	B3487
Lab Sample ID:	B3487-11	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	21
Sample Wt/Vol:	30.11      Units:    g	Final Vol:	1000                      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066339.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	420	U	15	210	420	ug/Kg
208-96-8	Acenaphthylene	420	U	11	210	420	ug/Kg
83-32-9	Acenaphthene	100	J	12	210	420	ug/Kg
86-73-7	Fluorene	91	J	16	210	420	ug/Kg
85-01-8	Phenanthrene	730		11	210	420	ug/Kg
120-12-7	Anthracene	180	J	8.6	210	420	ug/Kg
206-44-0	Fluoranthene	630		8.5	210	420	ug/Kg
129-00-0	Pyrene	490		10	210	420	ug/Kg
56-55-3	Benzo(a)anthracene	290	J	20	210	420	ug/Kg
218-01-9	Chrysene	240	J	19	210	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	J	14	210	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	J	20	210	420	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	9.1	210	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82	J	14	210	420	ug/Kg
53-70-3	Dibenz(a,h)anthracene	420	U	12	210	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	J	17	210	420	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	97.3		30 - 150		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	99		19 - 182		99%	SPK: 100
1718-51-0	Terphenyl-d14	89.5		24 - 191		90%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	95197	6.6				
1146-65-2	Naphthalene-d8	364517	8.78				
15067-26-2	Acenaphthene-d10	198600	12				
1517-22-2	Phenanthrene-d10	340142	14.78				
1719-03-5	Chrysene-d12	326184	18.14				
1520-96-3	Perylene-d12	296018	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-9	SDG No.:	B3487
Lab Sample ID:	B3487-12	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	16
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066340.D	1	09/02/10	09/03/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	390	U	14	195	390	ug/Kg
208-96-8	Acenaphthylene	390	U	10	195	390	ug/Kg
83-32-9	Acenaphthene	390	U	11	195	390	ug/Kg
86-73-7	Fluorene	390	U	15	195	390	ug/Kg
85-01-8	Phenanthrene	390	U	11	195	390	ug/Kg
120-12-7	Anthracene	390	U	8.1	195	390	ug/Kg
206-44-0	Fluoranthene	55	J	8	195	390	ug/Kg
129-00-0	Pyrene	50	J	9.5	195	390	ug/Kg
56-55-3	Benzo(a)anthracene	390	U	19	195	390	ug/Kg
218-01-9	Chrysene	390	U	18	195	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	U	13	195	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	390	U	19	195	390	ug/Kg
50-32-8	Benzo(a)pyrene	390	U	8.6	195	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390	U	13	195	390	ug/Kg
53-70-3	Dibenz(a,h)anthracene	390	U	11	195	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	390	U	16	195	390	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	90.5		30 - 150		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.7		19 - 182		90%	SPK: 100
1718-51-0	Terphenyl-d14	87		24 - 191		87%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	96130	6.6				
1146-65-2	Naphthalene-d8	366660	8.77				
15067-26-2	Acenaphthene-d10	205820	12.01				
1517-22-2	Phenanthrene-d10	342992	14.77				
1719-03-5	Chrysene-d12	325151	18.15				
1520-96-3	Perylene-d12	300052	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-10	SDG No.:	B3487
Lab Sample ID:	B3487-13	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	16
Sample Wt/Vol:	30.05      Units:    g	Final Vol:	1000                      uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066341.D	1	09/02/10	09/04/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	390	U	14	195	390	ug/Kg
208-96-8	Acenaphthylene	390	U	10	195	390	ug/Kg
83-32-9	Acenaphthene	390	U	11	195	390	ug/Kg
86-73-7	Fluorene	390	U	15	195	390	ug/Kg
85-01-8	Phenanthrene	390	U	11	195	390	ug/Kg
120-12-7	Anthracene	390	U	8.1	195	390	ug/Kg
206-44-0	Fluoranthene	58	J	8	195	390	ug/Kg
129-00-0	Pyrene	50	J	9.5	195	390	ug/Kg
56-55-3	Benzo(a)anthracene	390	U	19	195	390	ug/Kg
218-01-9	Chrysene	390	U	18	195	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	U	13	195	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	390	U	19	195	390	ug/Kg
50-32-8	Benzo(a)pyrene	390	U	8.6	195	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390	U	13	195	390	ug/Kg
53-70-3	Dibenz(a,h)anthracene	390	U	11	195	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	390	U	16	195	390	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	88.4		30 - 150		88%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.6		19 - 182		88%	SPK: 100
1718-51-0	Terphenyl-d14	83.2		24 - 191		83%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	98335	6.6				
1146-65-2	Naphthalene-d8	362200	8.77				
15067-26-2	Acenaphthene-d10	200919	12				
1517-22-2	Phenanthrene-d10	331725	14.77				
1719-03-5	Chrysene-d12	313816	18.14				
1520-96-3	Perylene-d12	289785	20.37				

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-11	SDG No.:	B3487
Lab Sample ID:	B3487-14	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	19
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066342.D	1	09/02/10	09/04/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	410	U	14	205	410	ug/Kg
208-96-8	Acenaphthylene	410	U	10	205	410	ug/Kg
83-32-9	Acenaphthene	410	U	12	205	410	ug/Kg
86-73-7	Fluorene	410	U	16	205	410	ug/Kg
85-01-8	Phenanthrene	410	U	11	205	410	ug/Kg
120-12-7	Anthracene	410	U	8.4	205	410	ug/Kg
206-44-0	Fluoranthene	410	U	8.3	205	410	ug/Kg
129-00-0	Pyrene	410	U	9.9	205	410	ug/Kg
56-55-3	Benzo(a)anthracene	410	U	20	205	410	ug/Kg
218-01-9	Chrysene	410	U	19	205	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	U	13	205	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	U	19	205	410	ug/Kg
50-32-8	Benzo(a)pyrene	410	U	8.9	205	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	14	205	410	ug/Kg
53-70-3	Dibenz(a,h)anthracene	410	U	12	205	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410	U	17	205	410	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	92.7		30 - 150		93%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.6		19 - 182		91%	SPK: 100
1718-51-0	Terphenyl-d14	82.3		24 - 191		82%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	81905	6.6				
1146-65-2	Naphthalene-d8	309532	8.77				
15067-26-2	Acenaphthene-d10	171934	12				
1517-22-2	Phenanthrene-d10	281877	14.77				
1719-03-5	Chrysene-d12	275100	18.15				
1520-96-3	Perylene-d12	253991	20.37				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-12	SDG No.:	B3487
Lab Sample ID:	B3487-15	Matrix:	SOIL
Analytical Method:	SW8270C	% Moisture:	18
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE066343.D	1	09/02/10	09/04/10	PB51224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ	Units
<b>TARGETS</b>							
91-20-3	Naphthalene	400	U	14	200	400	ug/Kg
208-96-8	Acenaphthylene	400	U	10	200	400	ug/Kg
83-32-9	Acenaphthene	400	U	11	200	400	ug/Kg
86-73-7	Fluorene	400	U	15	200	400	ug/Kg
85-01-8	Phenanthrene	370	J	11	200	400	ug/Kg
120-12-7	Anthracene	84	J	8.3	200	400	ug/Kg
206-44-0	Fluoranthene	420		8.2	200	400	ug/Kg
129-00-0	Pyrene	340	J	9.7	200	400	ug/Kg
56-55-3	Benzo(a)anthracene	210	J	19	200	400	ug/Kg
218-01-9	Chrysene	180	J	18	200	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	13	200	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	79	J	19	200	400	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	8.8	200	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	J	14	200	400	ug/Kg
53-70-3	Dibenz(a,h)anthracene	400	U	12	200	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	74	J	16	200	400	ug/Kg
<b>SURROGATES</b>							
4165-60-0	Nitrobenzene-d5	82.4		30 - 150		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.8		19 - 182		82%	SPK: 100
1718-51-0	Terphenyl-d14	79.8		24 - 191		80%	SPK: 100
<b>INTERNAL STANDARDS</b>							
3855-82-1	1,4-Dichlorobenzene-d4	82029	6.6				
1146-65-2	Naphthalene-d8	313631	8.78				
15067-26-2	Acenaphthene-d10	176331	12				
1517-22-2	Phenanthrene-d10	295268	14.78				
1719-03-5	Chrysene-d12	285639	18.14				
1520-96-3	Perylene-d12	259216	20.36				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-1	SDG No.:	B3487
Lab Sample ID:	B3487-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.46		1	0.33	0.5	1	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	20.3		1	0.4	2.51	5.02	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.3	U	1	0.06	0.15	0.3	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	4.82		1	0.13	0.25	0.5	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	23.3		1	0.12	0.3	0.6	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.031		1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1	U	1	0.41	0.5	1	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.5	U	1	0.15	0.25	0.5	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-2	SDG No.:	B3487
Lab Sample ID:	B3487-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.93		1	0.31	0.465	0.93	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	16.1		1	0.37	2.335	4.67	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.28	U	1	0.06	0.14	0.28	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	3.82		1	0.12	0.235	0.47	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	18.5		1	0.11	0.28	0.56	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.011	J	1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	0.93	U	1	0.38	0.465	0.93	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.47	U	1	0.14	0.235	0.47	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/31/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1B-CS-3	SDG No.:	B3487
Lab Sample ID:	B3487-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.56		1	0.28	0.425	0.85	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	16.6		1	0.34	2.13	4.26	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.26	U	1	0.05	0.13	0.26	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	4.14		1	0.11	0.215	0.43	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	20.3		1	0.1	0.255	0.51	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.012		1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	0.85	U	1	0.35	0.425	0.85	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.43	U	1	0.13	0.215	0.43	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	08/30/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-1	SDG No.:	B3487
Lab Sample ID:	B3487-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.83		1	0.32	0.485	0.97	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	39.6		1	0.39	2.415	4.83	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.29	U	1	0.06	0.145	0.29	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	8.32		1	0.13	0.24	0.48	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	25		1	0.12	0.29	0.58	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.096		1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	0.97	U	1	0.4	0.485	0.97	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.48	U	1	0.14	0.24	0.48	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-2	SDG No.:	B3487
Lab Sample ID:	B3487-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.33		1	0.36	0.54	1.08	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	19.2		1	0.43	2.7	5.4	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.32	U	1	0.06	0.16	0.32	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	6.5		1	0.14	0.27	0.54	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	6.7		1	0.13	0.325	0.65	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.02		1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1.08	U	1	0.44	0.54	1.08	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.54	U	1	0.16	0.27	0.54	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-3	SDG No.:	B3487
Lab Sample ID:	B3487-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.26		1	0.35	0.535	1.07	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	46		1	0.43	2.675	5.35	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.32	U	1	0.06	0.16	0.32	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	11.2		1	0.14	0.265	0.53	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	12.6		1	0.13	0.32	0.64	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.024		1	0.002	0.0055	0.011	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1.07	U	1	0.44	0.535	1.07	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.53	U	1	0.16	0.265	0.53	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-4	SDG No.:	B3487
Lab Sample ID:	B3487-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.98		1	0.34	0.52	1.04	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	23.7		1	0.42	2.605	5.21	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.31	U	1	0.06	0.155	0.31	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	6		1	0.14	0.26	0.52	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	8.85		1	0.12	0.31	0.62	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.033		1	0.002	0.0055	0.011	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1.04	U	1	0.43	0.52	1.04	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.52	U	1	0.16	0.26	0.52	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-5	SDG No.:	B3487
Lab Sample ID:	B3487-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.1		1	0.37	0.565	1.13	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	40.4		1	0.45	2.83	5.66	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.34	U	1	0.07	0.17	0.34	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	10.7		1	0.15	0.285	0.57	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	29.1		1	0.14	0.34	0.68	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.106		1	0.003	0.0065	0.013	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1.13	U	1	0.46	0.565	1.13	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.57	U	1	0.17	0.285	0.57	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-6	SDG No.:	B3487
Lab Sample ID:	B3487-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	73.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.03		1	0.4	0.605	1.21	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	43.5		1	0.49	3.035	6.07	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.36	U	1	0.07	0.18	0.36	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	8.43		1	0.16	0.305	0.61	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	15.9		1	0.15	0.365	0.73	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.04		1	0.003	0.007	0.014	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1.21	U	1	0.5	0.605	1.21	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.61	U	1	0.18	0.305	0.61	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range



## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-7	SDG No.:	B3487
Lab Sample ID:	B3487-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	74.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.14		1	0.36	0.55	1.1	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	35.8		1	0.44	2.745	5.49	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.33	U	1	0.07	0.165	0.33	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	9.17		1	0.14	0.275	0.55	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	15.4		1	0.13	0.33	0.66	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.441		1	0.002	0.0065	0.013	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1.1	U	1	0.45	0.55	1.1	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.55	U	1	0.16	0.275	0.55	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-8	SDG No.:	B3487
Lab Sample ID:	B3487-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.5		1	0.4	0.605	1.21	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	33.1		1	0.48	3.02	6.04	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.36	U	1	0.07	0.18	0.36	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	9.42		1	0.16	0.3	0.6	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	28.5		1	0.15	0.365	0.73	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.072		1	0.002	0.0065	0.013	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1.21	U	1	0.5	0.605	1.21	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.6	U	1	0.18	0.3	0.6	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-9	SDG No.:	B3487
Lab Sample ID:	B3487-12	Matrix:	SOIL
Level (low/med):	low	% Solid:	84

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	1.93		1	0.29	0.445	0.89	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	37.5		1	0.36	2.22	4.44	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.27	U	1	0.05	0.135	0.27	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	6.79		1	0.12	0.22	0.44	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	9.28		1	0.11	0.265	0.53	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.031		1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	0.89	U	1	0.36	0.445	0.89	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.44	U	1	0.13	0.22	0.44	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-10	SDG No.:	B3487
Lab Sample ID:	B3487-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.33		1	0.39	0.59	1.18	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	34		1	0.47	2.96	5.92	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.36	U	1	0.07	0.18	0.36	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	6.99		1	0.15	0.295	0.59	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	12.4		1	0.14	0.355	0.71	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.02		1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	1.18	U	1	0.49	0.59	1.18	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.59	U	1	0.18	0.295	0.59	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Phototech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-11	SDG No.:	B3487
Lab Sample ID:	B3487-14	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.3		1	0.3	0.45	0.9	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	27		1	0.36	2.24	4.48	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.27	U	1	0.05	0.135	0.27	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	7.66		1	0.12	0.225	0.45	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	17.4		1	0.11	0.27	0.54	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.088		1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	0.9	U	1	0.37	0.45	0.9	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.45	U	1	0.13	0.225	0.45	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	09/01/10
Project:	Former Photech Imaging Site	Date Received:	09/02/10
Client Sample ID:	A0C1A-CS-12	SDG No.:	B3487
Lab Sample ID:	B3487-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	82

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	1.94		1	0.32	0.485	0.97	mg/Kg	09/03/10	09/03/10	6010B
7440-39-3	Barium	29.5		1	0.39	2.42	4.84	mg/Kg	09/03/10	09/03/10	6010B
7440-43-9	Cadmium	0.29	U	1	0.06	0.145	0.29	mg/Kg	09/03/10	09/03/10	6010B
7440-47-3	Chromium	6.99		1	0.13	0.24	0.48	mg/Kg	09/03/10	09/03/10	6010B
7439-92-1	Lead	8.4		1	0.12	0.29	0.58	mg/Kg	09/03/10	09/03/10	6010B
7439-97-6	Mercury	0.061		1	0.002	0.006	0.012	mg/Kg	09/08/10	09/09/10	SW7471A
7782-49-2	Selenium	0.97	U	1	0.4	0.485	0.97	mg/Kg	09/03/10	09/03/10	6010B
7440-22-4	Silver	0.48	U	1	0.15	0.24	0.48	mg/Kg	09/03/10	09/03/10	6010B

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>
Comments: <u></u>					

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

E = Value Exceeds Calibration Range

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**



## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Phototech Imaging Site**

**Project # N/A**

**Chemtech Project # B3487**

### **A. Number of Samples and Date of Receipt:**

15 Solid samples were received on 09/02/2010.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, SVOC-PAH and VOCMS Group1. This data package contains results for VOCMS Group1.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA K were done using GC column RTX-VMS which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI 4560 Concentrator. The analysis of VOCMS Group1 was based on method 8260B.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except for 1,2,4-

Trichlorobenzene, 1,3-Dichlorobenzene and 1,4-Dichlorobenzene.

The MSD recoveries met the acceptable requirements.

The RPD for (B3494-05MSD) recoveries met criteria except for 1,2,4-

Trichlorobenzene, Chloroethane and n-Butylbenzene.

The Blank Spike met requirements for all samples except for Styrene and Trichloroethene but they were not detected in Samples.

The Continuing Calibration (File ID:VK040793.D) met the requirements except for 1,2-Dichloropropane .This compounds was biased high and it was not detected in Samples.

The Tuning criteria met requirements.

### **E. Additional Comments:**

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.



I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_



## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # B3487**

**A. Number of Samples and Date of Receipt:**

15 Solid samples were received on 09/02/2010.

**B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, SVOC-PAH and VOCMS Group1. This data package contains results for SVOC-PAH.

**C. Analytical Techniques:**

The samples were analyzed on instrument BNA E using GC Column RTX-5 SILMS which is 20 meters, 0.18 mm ID, 0.36 um df, Catalog # 42704. The analysis of SVOC-PAH was based on method 8270C and extraction was done based on method 3541.

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD recoveries met criteria.

The Blank Spike met requirements for all samples.

The Calibration met the requirements.

The Tuning criteria met requirements.

Sample A0C1A-CS-1 was diluted due to high concentration.

**E. Additional Comments:**

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_



## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Former Photech Imaging Site**

**Project # N/A**

**Chemtech Project # B3487**

**A. Number of Samples and Date of Receipt:**

15 Solid samples were received on 09/02/2010.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, SVOC-PAH and VOCMS Group1. This data package contains results for Mercury and Metals ICP-RCRA.

**C. Analytical Techniques:**

The analysis of Mercury was based on method 7471A and Metals ICP-RCRA was based on method 6010B

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

**E. Additional Comments:**

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**DATA REPORTING QUALIFIERS- ORGANIC**

For reporting results, the following “ Result Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
<b>U</b>	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U. This is the detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
<b>ND</b>	Indicates the compound was analyzed for but was not detected
<b>J</b>	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L, and a concentration of 3ug/L was calculated, report as 3 J.
<b>B</b>	Indicates the analyte was found in the blank as well as the sample.
<b>E</b>	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>D</b>	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
<b>P</b>	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns.
<b>N</b>	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
<b>A</b>	This flag indicates that a Tentatively Identified Compound is a suspected Aldol-condensation product.

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 083956

B3487

### CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: LaBella Associates, P.C.  
ADDRESS: 300 State St Suite 200  
CITY: Rochester STATE: NY ZIP: 14604  
ATTENTION: Mr. Polychuk  
PHONE: 585 451 6200 FAX:

### CLIENT PROJECT INFORMATION

PROJECT NAME: Plotech  
PROJECT NO.: 209288 LOCATION:  
PROJECT MANAGER: Dennis Pocher  
e-mail: mpolyuk@labella.com  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: PO#:  
ADDRESS: Same  
CITY: STATE: ZIP:  
ATTENTION: PHONE:  
ANALYSIS

### DATA TURNAROUND INFORMATION

FAX: DAYS:  
HARD COPY: STD DAYS:  
EDD: DAYS:  
PREAPPROVED TAT: ☐ YES ☐ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☐ EDD FORMAT

1 2 3 4 5 6 7 8 9  
ACETONE (bbl)  
PHT SW  
TCL VOL

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E	E	E							← Specify Preservatives A-HCl B-HNO <sub>3</sub> C-H <sub>2</sub> SO <sub>4</sub> D-NaOH E-ICE F-Other	
1.	AOC1B-CS1	Soil		X	8/31/10	1345	1	X	X	X								
2.	AOC1B-CS2			X		1350	1	X	X	X								
3.	AOC1B-CS3			X		1355	1	X	X	X								
4.	AOC1A-CS1			X	8/31/10	1230	1	X	X									
5.	AOC1A-CS2			X	9/1/10	1235	1	X	X									
6.	AOC1A-CS3			X		1240	1	X	X									
7.	AOC1A-CS4			X		1245	1	X	X									
8.	AOC1A-CS5			X		1250	1	X	X									
9.	AOC1A-CS6			X		1255	1	X	X									
10.	AOC1A-CS7			X		1300	1	X	X									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: <u>M. F. M. A.</u>	DATE/TIME: <u>9/1/2010</u>	RECEIVED BY: <u>Shippin via us</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp. <u>3°C</u>
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	MeOH extraction requires an additional 4% for percent solid.	Ice in Cooler?: <u>yes</u>
2.		2.	Comments:	
RELINQUISHED BY: <u>UPS</u>	DATE/TIME: <u>9-2-10 10:15 AM</u>	RECEIVED FOR LAB BY: <u>J. N. N. N.</u>	Page <u>1</u> of <u>2</u>	SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT
3.		3.		Shipment Complete: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 083946

B3487

### CLIENT INFORMATION

REPORT TO BE SENT TO:  
COMPANY: Labella Associates, P.C.  
ADDRESS: 300 State St Suite 201  
CITY: Rochester STATE: NY ZIP: 14614  
ATTENTION: Mr. Pelychaty  
PHONE: 585 451 6225 FAX:

### CLIENT PROJECT INFORMATION

PROJECT NAME: Photoch  
PROJECT NO.: 209288 LOCATION:  
PROJECT MANAGER: Dennis Pater  
e-mail: mpey chaty @ labella.com  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: PO#:  
ADDRESS: Same  
CITY: STATE: ZIP:  
ATTENTION: PHONE:

### ANALYSIS

### DATA TURNAROUND INFORMATION

FAX: DAYS:  
HARD COPY: DAYS:  
EDD: DAYS:  
PREAPPROVED TAT: ☐ YES ☐ NO  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☒ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other  
☐ EDD FORMAT

Rest mals (bbs)  
Part 200

### PRESERVATIVES

### COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A - HCl B - HNO <sub>3</sub> C - H <sub>2</sub> SO <sub>4</sub> D - NaOH E - ICE F - Other
			COMP	GRAB	DATE	TIME		E	E								
1.	AOCIA-CS-8	300	X	X	11/10	1305	1	X	X								
2.	AOCIA-CS-9		X	X		1310	1	X	X								
3.	AOCIA-CS-10		X	X		1315	1	X	X								
4.	AOCIA-CS-11		X	X		1320	1	X	X								
5.	AOCIA-CS-12		X	X		1325	1	X	X								
6.																	
7.																	
8.																	
9.																	
10.																	

### SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: <u>John F. Pater</u>	DATE/TIME: <u>9/1/2000</u>	RECEIVED BY: <u>Shopper in use</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp. <u>3°C</u>
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	MeOH extraction requires an additional 4 oz jar for percent solid.	Ice in Cooler?: <u>YES</u>
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:	Comments:	
3. <u>UPS</u>	<u>9-210 P:150</u>	<u>Shopper</u>	Page <u>2</u> of <u>2</u>	SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input checked="" type="checkbox"/> OVERNIGHT CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT
			Shipment Complete: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 18343**

**Sampling Date: December 28, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 18343

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC3A-CS-36	18343	Soil	X	X
AOC3A-CS-37	18344	Soil	X	X
AOC3A-CS-38	18345	Soil	X	X

The data package contained three (3) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike and Laboratory Duplicate: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
182343, 18344	Silver	UJ
18343, 18344	Cadmium	UJ
18345	Silver	J
18345	Cadmium	J



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with “J”.

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax : (585) 647-3311

**LAB REPORT FOR METALS ANALYSIS IN SOLID**

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5604A

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 12/28/2011

**Date Received:** 12/28/2011

**Date Analyzed:** 12/29/2011

Lab Sample No.	Field ID No.	Field Location	Cadmium Results (mg/kg)	Silver Results (mg/kg)
18343	N/A	AOC3A-CS-36	< 0.678 <b>UJ</b>	< 1.36 <b>UJ</b>
18344	N/A	AOC3A-CS-37	< 0.589 <b>UJ</b>	< 1.18 <b>UJ</b>
18345	N/A	AOC3A-CS-38	6.15 <b>J</b> DM	17.5 <b>J</b> DM

ELAP ID No.: 10958

Comments:

Approved By: 

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.

File ID:115604A.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5604A

PROJECT NAME: Photech

SDG: 18343

CLIENT: LaBella Associates, P.C.

Three soil samples were collected by LaBella Associates personnel on 12/28/2011 and received at the Paradigm laboratory on 12/28/2011. Container and holding times were acceptable at time of receipt; the sample was received at 2° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.

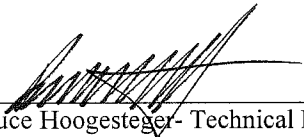
Site specific QC was not requested on this SDG but was analyzed on sample AOC3A-CS-38 for in-lab. purposes. The Percent Differences and Matrix Spike Recoveries for both metals were outside acceptance limits. The summary report has been flagged with "\*"s and the sample report has been annotated accordingly. Matrix interference is suspected. All LCS Recoveries and LCS Percent Differences were within acceptance limits.

The method blank was free from contamination within the reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

11/10/2012

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue

Rochester, NY 14608

(716) 647-2530 \* (800) 724-1997

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: Labella Associates, P.C.

COMPANY:

ADDRESS: 300 State Street, Suite 201

ADDRESS:

SAME

CITY: Rochester

CITY:

STATE: NY

ZIP:

PHONE: 585-454-6110

PHONE:

STATE:

ZIP:

ATTN: M. Polychaity

ATTN:

STATE:

ZIP:

TURNAROUND TIME: (WORKING DAYS)

Project

COMMENTS:

### REQUESTED ANALYSIS

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A M I N A N T S	REMARKS	PARADIGM LAB SAMPLE NUMBER
11-28-11	1515		X	AOC3A-CS-36	Soil	1	ASD Cat B Deliv	18343
12-28-11	1515		X	AOC3A-CS-37	Soil	1		18344
3-12-28-11	1515		X	AOC3A-CS-38	Soil	1		18345
4								
5								
6								
7								
8								
9								
10								

\*\*LAB USE ONLY\*\*

SAMPLE CONDITION: Check box if acceptable or note deviation:

CONTAINER TYPE:

PRESERVATIONS:

HOLDING TIME:

TEMPERATURE:

N/A

20C @ 1620 12/28/11

Sampled By: MICHAEL POLYCHAITY

Date/Time:

Setu Davis

12/28/11 1515

Relinquished By:

Date/Time:

Received By:

Date/Time:

Relinquished By:

Date/Time:

Received By:

Date/Time:

Received @ Lab By:

Date/Time:

Labella & Honck 12/28/11 1620

P.L.F.

Total Cost:

Cooler delivered by Labella so custody seals N/A.

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 18284**

**Sampling Date: December 23, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 18284

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC3A-CS-30	18284	Soil	X	X
AOC3A-CS-31	18285	Soil	X	X
AOC3A-CS-32	18286	Soil	X	X
AOC3A-CS-33	18287	Soil	X	X
AOC3A-CS-34	18288	Soil	X	X
AOC3A-CS-35	18289	Soil	X	X

The data package contained six (6) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

---

Matrix Spike: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
18284, 18286, 18287, 18288, 18289	Cadmium	UJ
18284, 18285, 18287, 18288, 18289	Silver	UJ
18285	Cadmium	J
18286	Silver	J

Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax : (585) 647-3311

**LAB REPORT FOR METALS ANALYSIS IN SOLID**

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5583A

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 12/22/2011

**Date Received:** 12/23/2011

**Date Analyzed:** 12/27/2011

Lab Sample No.	Field ID No.	Field Location	Silver Results (mg/kg)	Cadmium Results (mg/kg)
18284	N/A	AOC3A-CS-30	< 1.15 <b>UJ</b>	< 0.573 <b>UJ</b>
18285	N/A	AOC3A-CS-31	< 1.08 <b>UJ</b>	0.741 <b>J</b>
18286	N/A	AOC3A-CS-32	21.6 <b>J</b>	< 0.550 <b>UJ</b>
18287	N/A	AOC3A-CS-33	< 1.01 <b>UJ</b>	< 0.505 <b>UJ</b>
18288	N/A	AOC3A-CS-34	< 1.04 <b>UJ</b>	< 0.518 <b>UJ</b>
18289	N/A	AOC3A-CS-35	< 1.10 <b>UJ</b> M	< 0.550 <b>UJ</b> M

ELAP ID No.: 10958

Comments:

Approved By: 

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.

File ID:115583A.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5583A

PROJECT NAME: Photech

SDG: 18284

CLIENT: LaBella Associates, P.C.

Six soil samples were collected by LaBella Associates personnel on 12/22/2011 and received at the Paradigm laboratory on 12/23/2011. Container and holding times were acceptable at time of receipt; the sample was received at 10° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.

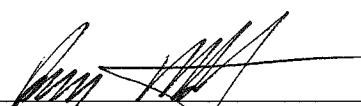
Site specific QC was not requested on this SDG but was analyzed on sample AOC3A-CS-35 for in-lab. purposes. The Percent Differences for both metals was within acceptance limits, but the Matrix Spike Recoveries were out low in both cases. The summary report has been flagged with “\*”s and the sample report has been annotated accordingly. Matrix interference is suspected. All LCS Recoveries and Percent Differences were within acceptance limits.

The method blank was free from contamination within the reportable ranges.

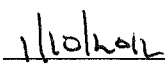
All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

  
1/10/2012

## CHAIN OF CUSTODY

**REPORT TO:**

**INVOICE TO:**

(716) 647-2530 \* (800) 724-1997

INVOICE TO:		LAB PROJECT #:		CLIENT PROJECT #:	
COMPANY:	Labella Associates, P.C.	COMPANY:			
ADDRESS:	300 State Street, Suite 201	ADDRESS:	SAME		
CITY:	Rochester	CITY:			
STATE:	NY	STATE:			
ZIP:	14614	ZIP:			
PHONE:	585-454-8110	PHONE:			
FAX:		FAX:			
ATTN:	M. Pelychail	ATTN:			
		LAB PROJECT #:		11-55834	
		CLIENT PROJECT #:		200288	
		TURNAROUND TIME: (WORKING DAYS)			
		STD			
		OTHER			

ATTN: M. Polychakly	Joe Brundageville	ATTN:	<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	5	
COMMENTS:			please copy Joe Brundageville w/ Results Requested Analysis ASP Cat B per history 4/12/83								

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MATERIAL	CONCENTRATION	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/22/11	1400		X	AOC 3A-C5-30	Soils	1		18284
2	1405		X	AOC 3A-C5-31		1		18285
3	1410		X	AOC 3A-C5-32		1		18286
4	1415		X	AOC 3A-C5-33		1		18287
5	1420		X	AOC 3A-C5-34		1		18288
6	1725		X	AOC 3A-C5-35		1		18289
7								
8								
9								
10								

10°C 20153012/2  
-NA b/c metals

Total Cost:

P.I.F.

sample delivered by Labella employee, custody  
C740 0011/1

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 18216**

**Sampling Date: December 22, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 18216

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC3A-CS-27	18216	Soil	X	X
AOC3A-CS-28	18217	Soil	X	X
AOC3A-CS-29	18218	Soil	X	X

The data package contained three (3) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
18216	Silver	UJ
18216, 18218	Cadmium	UJ
18217, 18218	Silver	J
18217	Cadmium	J



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax : (585) 647-3311

**LAB REPORT FOR METALS ANALYSIS IN SOLID**

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5566A

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 12/22/2011

**Date Received:** 12/22/2011

**Date Analyzed:** 12/23/2011

Lab Sample No.	Field ID No.	Field Location	Silver Results (mg/kg)	Cadmium Results (mg/kg)
18216	N/A	AOC3A-CS-27	< 1.17 <b>UJ</b>	< 0.586 <b>UJ</b>
18217	N/A	AOC3A-CS-28	2.37 <b>J</b>	0.295 <b>J</b> J
18218	N/A	AOC3A-CS-29	0.818 <b>J</b> JM	< 0.588 <b>UJ</b> M

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

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.

File ID:115566A.xls

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5566A  
PROJECT NAME: Photech  
SDG: 18216  
CLIENT: LaBella Associates, P.C.

Three soil samples were collected by LaBella Associates personnel on 12/22/2011 and received at the Paradigm laboratory on the same day. Container and holding times were acceptable at time of receipt; the sample was received at 17° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.

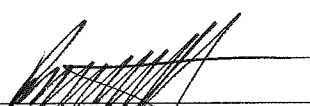
Site specific QC was not requested on this SDG, but was analyzed on sample AOC3A-CS-29 for in-lab. purposes. The Percent Differences for both metals was within acceptance limits, but the Matrix Spike Recoveries were out low in both cases. The summary report has been flagged with "\*"s and the sample report has been annotated accordingly. Matrix interference is suspected. All LCS Recoveries and Percent Differences were within acceptance limits.

The method blank was free from contamination within the reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

1/10/2012

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608

(716) 647-2530 \* (800) 724-1997

## REPORT TO:

## INVOICE TO:

## CHAIN OF CUSTODY

COMPANY: Labella Associates, P.C.	COMPANY: <b>SAME</b>	LAB PROJECT #	CLIENT PROJECT #
ADDRESS: 300 State Street, Suite 201	ADDRESS: <b>SAME</b>	1155664	2092288
CITY: Rochester	STATE: NY	ZIP: 14614	STATE: ZIP:
PHONE: 585-454-6110	FAX:	PHONE:	FAX:
ATTN: M. Pelychaty	ATTN:	TURNAROUND TIME: (WORKING DAYS)	
COMMENTS:		<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	

Photo

## REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/22/11	1430		X	Ac3A-CS-27	Soil	1		182116
	1440		X	Ac3A-CS-28		1		182117
	1450		X	Ac3A-CS-29		1		182118

## \*\*LAB USE ONLY\*\*

SAMPLE CONDITION: Check box if acceptable or note deviation:



PRESERVATIONS:



HOLDING TIME:



TEMPERATURE:

170C @ 1545 12/22 from sample

Sampled By: MICHAEL F. PELYCHATY

Date/Time: 12/22/11

Relinquished By:

Date/Time: 12/22/11 1530

Date/Time: 12/22/11 1530

Total Cost:

hrs of sampling

Relinquished By:

Date/Time: 12/22/11 01500

Received By:

Date/Time: 12/22/11 1545

Received By:

Date/Time: 12/22/11 1530

Received @ Lab By:

Date/Time: 12/22/11 1545

Date/Time: 12/22/11 1545

P.L.F.

Cooler delivered by Labella  
So custody seals N/A.

EAH12/22

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 18146**

**Sampling Date: December 21, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Orangewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 18146

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC3A-CS-19	18146	Soil	X	X
AOC3A-CS-20	18147	Soil	X	X
AOC3A-CS-21	18148	Soil	X	X
AOC3A-CS-22	18149	Soil	X	X
AOC3A-CS-23	18150	Soil	X	X
AOC3A-CS-9R1	18151	Soil	X	X
AOC3A-CS-24	18152	Soil	X	X
AOC3A-CS-25	18153	Soil	X	X
AOC3A-CS-26	18154	Soil	X	X

The data package contained nine (9) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: Not applicable.

Laboratory Duplicate: Not applicable.



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax : (585) 647-3311

### LAB REPORT FOR METALS ANALYSIS IN SOLID

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5540A

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 12/21/2011

**Date Received:** 12/21/2011

**Date Analyzed:** 12/22/2011

Lab Sample No.	Field ID No.	Field Location	Silver Results (mg/kg)	Cadmium Results (mg/kg)
18146	N/A	AOC3A-CS-19	< 1.18 U	< 0.592 U
18147	N/A	AOC3A-CS-20	3.87	0.541 J J
18148	N/A	AOC3A-CS-21	1.09 J J	0.390 J J
18149	N/A	AOC3A-CS-22	0.686 J J	0.560
18150	N/A	AOC3A-CS-23	5.84	< 0.495 U
18151	N/A	AOC3A-CS9R1	0.621 J J	< 0.543 U
18152	N/A	AOC3A-CS-24	< 1.13 U	< 0.563 U
18153	N/A	AOC3A-CS-25	3.05	< 0.612 U
18154	N/A	AOC3A-CS-26	0.808 J J	< 0.578 U

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

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.

File ID:115540A.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5540A

PROJECT NAME: Photech

SDG: 18146

CLIENT: LaBella Associates, P.C.

Nine soil samples were collected by LaBella Associates personnel on 12/21/2011 and received at the Paradigm laboratory on the same day. Container and holding times were acceptable at time of receipt; the sample was received at 16° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.

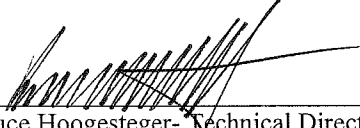
Site specific QC was not requested on this SDG. All LCS Recoveries and Percent Differences were within acceptance limits.

The method blank was free from contamination within the reportable range.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

11/6/2012

**PARADIGM  
ENVIRONMENTAL  
SERVICES, INC.**

**PROJECT NAME/SITE NAME:**

**INVOICE TO:**

per labels

ASB

## REQUESTED ANALYSIS

DATE	TIME	O M P O S I T I O N	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A M I N E N T S	REMARKS	PARADIGM LAB SAMPLE NUMBER	
1/12/21	11	1300	X	AUC3A-CS-19	Soil	1		1	8146
2	1	1305	X	AUC3A-CS-20	1	X		1	8147
3	1	1316	X	AUC3A-CS-21	1	X		1	8148
4	1	1315	X	AUC3A-CS-22	1	X		1	8149
5	1	1320	X	AUC3A-CS-23	1	X		1	8150
6	1	1325	X	AUC3A-CS-24	1	X		1	8151
7	1	1400	X	AUC3A-CS-25	1	X		1	8152
8	1	1410	X	AUC3A-CS-26	1	X		1	8153
9	1	1430	X	AUC3A-CS-27	1	X		1	8154
10	1								

**\*\*\*LAB USE ONLY\*\*\***

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE:	<input checked="" type="checkbox"/>	PRESERVATIONS:	<input type="checkbox"/>	HOLDING TIME:	<input checked="" type="checkbox"/>	TEMPERATURE:	<input type="checkbox"/>
			N/A				16°C - from samples @ 1543 12/21/11	

Date/Time: 9

Date/Time: \_\_\_\_\_

Date/Time:

Date/Time:

Date/Time:

Date/Time:

**OBSERVATIONS:**

HOLDING TIME:

TEMPERATURE:

Total Cost: TEMP OIL

**P.I.F.**

Cooler delivered by  
LaBella so custody  
seals N/A.

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 18075**

**Sampling Date: December 20, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 18075

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC3A-CS-12	18075	Soil	X	X
AOC3A-CS-13	18076	Soil	X	X
AOC3A-CS-14	18077	Soil	X	X
AOC3A-CS-15	18078	Soil	X	X
AOC3A-CS-16	18079	Soil	X	X
AOC3A-CS-17	18080	Soil	X	X
AOC3A-CS-18	18081	Soil	X	X

The data package contained seven (7) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: Not applicable.

Laboratory Duplicate: Not applicable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax : (585) 647-3311

### LAB REPORT FOR METALS ANALYSIS IN SOLID

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5511A

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 12/20/2011

**Date Received:** 12/20/2011

**Date Analyzed:** 12/21/2011

Lab Sample No.	Field ID No.	Field Location	Silver Results (mg/kg)	Cadmium Results (mg/kg)
18075	N/A	AOC 3A-CS-12	3.34	< 0.603 U
18076	N/A	AOC 3A-CS-13	< 1.13 U	< 0.564 U
18077	N/A	AOC 3A-CS-14	< 1.15 U	< 0.576 U
18078	N/A	AOC 3A-CS-15	5.16	< 0.602 U
18079	N/A	AOC 3A-CS-16	4.66	< 0.640 U
18080	N/A	AOC 3A-CS-17	8.94	< 0.591 U
18081	N/A	AOC 3A-CS-18	2.61	< 0.578 U

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

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.

File ID: 115511A.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5511A

PROJECT NAME: Photech

SDG: 18075

CLIENT: LaBella Associates, P.C.

Seven soil samples were collected by LaBella Associates personnel on 12/20/2011 and received at the Paradigm laboratory on 12/20/2011. Container and holding times were acceptable at time of receipt; the sample was received at 11° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.


Site specific QC was not requested on this SDG. All LCS Recoveries and Percent Differences were within acceptance limits.

The method blank was free from contamination within the reportable range.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

11/10/2011



# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 18036**

**Sampling Date: December 19, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 18036

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC3A-CS-8	18036	Soil	X	X
AOC3A-CS-9	18037	Soil	X	X
AOC3A-CS-10	18038	Soil	X	X
AOC3A-CS-11	18039	Soil	X	X

The data package contained four (4) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: Not applicable.

Laboratory Duplicate: Not applicable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

---

used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax : (585) 647-3311

**LAB REPORT FOR METALS ANALYSIS IN SOLID**

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5494A

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 12/19/2011

**Date Received:** 12/19/2011

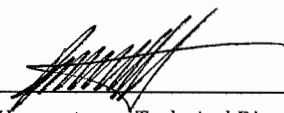
**Date Analyzed:** 12/20/2011

Lab Sample No.	Field ID No.	Field Location	Silver Results (mg/kg)	Cadmium Results (mg/kg)
18036	N/A	AOC3A-CS-8	133	< 0.581 <span style="color: red;">U</span>
18037	N/A	AOC3A-CS-9	120	15.2
18038	N/A	AOC3A-CS-10	0.696 <span style="color: red;">J</span>	< 0.573 <span style="color: red;">U</span>
18039	N/A	AOC3A-CS-11	37.1	< 0.577 <span style="color: red;">U</span>

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
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.

File ID:115494A.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5494A

PROJECT NAME: Photech

SDG: 18036

CLIENT: LaBella Associates, P.C.

Four soil samples were collected by LaBella Associates personnel on 12/19/2011 and received at the Paradigm laboratory on 12/19/2011. Container and holding times were acceptable at time of receipt; the sample was received at 15° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.


Site specific QC was not requested on this SDG. All LCS Recoveries and Percent Differences were within acceptance limits.

The method blank was free from contamination within the reportable range.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

1/9/2012

# CHAIN OF CUSTODY

## PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608

(716) 647-2530 \* (800) 724-1997

REPORT TO:

INVOICE TO:

PROJECT NAME/SITE NAME:

Photocell

COMPANY:	Labella Associates, P.C.	COMPANY:		LAB PROJECT #:	11-5494A	CLIENT PROJECT #:	204288
ADDRESS:	300 State Street, Suite 201	ADDRESS:	SAME	TURNAROUND TIME: (WORKING DAYS)			
CITY:	Rochester	STATE:	NY	ZIP:	14614		
PHONE:	585-454-6110	FAX:		PHONE:		FAX:	
ATTN:	M. Pelychaty	ATTN:					
COMMENTS:				REQUESTED ANALYSIS			
ASO B							

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MAINTENANCE	COINTEGRATION	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/19/11	1030		X	AOC3A-CS-8	Site	1	X	18036
2	1300			AOC3A-CS-9		1	K	18037
3	1330			AOC3A-CS-10		1	X	18038
4	1415			AOC3A-CS-11		1	X	18039
5								
6								
7								
8								
9								
10								

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:

CONTAINER TYPE:



PRESERVATIONS:



HOLDING TIME:



TEMPERATURE:



Sampled By: MICHAEL F. PELYCHATY

Date/Time: 12-19-11

Relinquished By:

Date/Time:

Total Cost:

Relinquished By:

Date/Time: 12-19-11

Received By:

Date/Time:

Received By:

Date/Time: 12/19/11 1510

Received @ Lab By:

Date/Time: 12/19/11 1535

P.I.F.

samples transported by Labella employee so custody sealed n/a

15°C 12/19/11  
1535-N/A b/c of metals only

12/19 mp

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 17954**

**Sampling Date: December 16, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 17954

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC3A-CS-6	17954	Soil	X	X
AOC3A-CS-7	17955	Soil	X	X

The data package contained two (2) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
17954	Cadmium, Silver	J
17955	Cadmium, Silver	UJ

Matrix Spike/Matrix Spike Duplicate: Not applicable.

Laboratory Duplicate: Not applicable.



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with “J”.

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax : (585) 647-3311

### LAB REPORT FOR METALS ANALYSIS IN SOLID

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5467A

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 12/16/2011

**Date Received:** 12/16/2011

**Date Analyzed:** 12/19/2011

Lab Sample No.	Field ID No.	Field Location	Cadmium Results (mg/kg)	Silver Results (mg/kg)
17954	N/A	AOC3A-CS-6	0.537 <b>IJ</b>	386 <b>J</b>
17955	N/A	AOC3A-CS-7	< 0.522 <b>UJ</b>	< 1.04 <b>UJ</b>

ELAP ID No.: 10958

**Comments:** The laboratory control spike duplicate percent recovery was outside QC limits for silver and cadmium.

**Approved By:** 

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.

File ID:115467A.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5467A

PROJECT NAME: Phototech

SDG: 17954

CLIENT: LaBella Associates, P.C.

Two soil samples were collected by LaBella Associates personnel on 12/16/2011 and received at the Paradigm laboratory on the same day. Container and holding times were acceptable at time of receipt; the sample was received at 20° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.

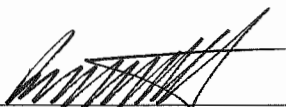
Site specific QC was not requested on this SDG. All LCS Recoveries and Percent Differences were within acceptance limits, except the LCS Duplicate Recoveries for both metals. The summary form has been flagged and the report annotated accordingly.

The method blank was free from contamination within the reportable range.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

1/9/2012

## CHAIN OF CUSTODY

**REPORT TO:**  
Associates, P.C.

**INVOICE TO:**

2001/2/16

LAB PROJECT #: 7  
CLIENT PROJECT #: 209287

COMPANY: LaBella Associates, P.C.		COMPANY:		LAB PROJECT #:		22		CLIENT PROJECT #:		209288	
ADDRESS: 300 State Street, Suite 201		ADDRESS: SAME		TURNAROUND TIME: (WORKING DAYS)		11-5400A					
CITY: Rochester		CITY:		STATE:		ZIP:					
PHONE: 585-454-6110		PHONE:		FAX:							
ATTN: M. Pelychak		ATTN:									

→  
→  
0

REQUESTED ANALYSIS

[illegible]

**PRESERVATIONS:**

**HOLDING TIME:**

X

**TEMPERATURE:**



Date/Time:

**Relinquished By:**

Date/Time:

**Total Cost:** Rec'd with

Date/Time: \_\_\_\_\_

**Received By:**

Date/Time:

Cooler delivered by

Date/Time:

**Received @ Lab By:**

Date/Time:

**P.I.F.**

Cooler delivered by  
LaBella's custody seats

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 17860**

**Sampling Date: December 15, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 17860

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC3A-CS-4	17860R	Soil	X	X
AOC3A-CS-5	17861R	Soil	X	X

The data package contained two (2) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
17860R	Cadmium	UJ
17861R	Silver	J

Matrix Spike/Matrix Spike Duplicate: Not applicable.

Laboratory Duplicate: Not applicable.



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax : (585) 647-3311

**LAB REPORT FOR METALS ANALYSIS IN SOLID**

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5438AR

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 12/15/2011

**Date Received:** 12/15/2011

**Date Analyzed:** 12/19/2011

Lab Sample No.	Field ID No.	Field Location	Cadmium Results (mg/kg)	Silver Results (mg/kg)
17860R	N/A	AOC3A-CS-4	< 0.554 UJ	4.48 J
17861R	N/A	AOC3A-CS-5	< 0.551 UJ	3.01 J

ELAP ID No.: 10958

**Comments:** The laboratory control spike duplicate percent recovery was outside QC limits for silver and cadmium.

**Approved By:** 

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.

File ID:115438AR.xls

**DLM 8/7/12**

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5438AR

PROJECT NAME: Photech

SDG: 17860R

CLIENT: LaBella Associates, P.C.

Five soil samples were collected by LaBella Associates personnel on 12/15/2011 and received at the Paradigm laboratory on the same day. Container and holding times were acceptable at time of receipt; the sample was received at 15° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times. This SDG includes the two samples that were placed on hold until 12/16/2011. The other samples are logged in as a separate Laboratory Project Number, 11-5438A.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.

Site specific QC was not requested on this SDG. All LCS Recoveries and Percent Differences were within acceptance limits, except the LCS Duplicate Recoveries for both metals. The summary form has been flagged and the report annotated accordingly.

The method blank was free from contamination within the reportable range.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed) \_\_\_\_\_

Bruce Hoogesteger, Technical Director

(date) \_\_\_\_\_

1/9/2012



# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 16860**

**Sampling Date: November 21, 2011**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 16860

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium	Silver
AOC13-CS-1	16860	Soil	X	X
AOC13-CS-2	16861	Soil	X	X
AOC13-CS-3	16862	Soil	X	X

The data package contained three (3) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike/Matrix Spike Duplicate: Not applicable.

Laboratory Duplicate: Not applicable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified



DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

### **LAB REPORT FOR METALS ANALYSIS IN SOLIDS**

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5081A

**Client Job Site:** Photech

**Lab Sample No.:** 16860

**Client Job No.:** 209288

**Sample Type:** Soil

**Field Location:** AOC13-CS-1

**Date Sampled:** 11/21/2011

**Field ID No.:** N/A

**Date Received:** 11/21/2011

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Cadmium	11/22/2011	SW846 3050/6010	0.707
Silver	11/22/2011	SW846 3050/6010	0.605 J

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

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. File ID:115081A.xls

DLM 8/7/12



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

**LAB REPORT FOR METALS ANALYSIS IN SOLIDS**

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5081A

**Client Job Site:** Photech

**Lab Sample No.:** 16861

**Client Job No.:** 209288

**Sample Type:** Soil

**Field Location:** AOC13-CS-2

**Date Sampled:** 11/21/2011

**Field ID No.:** N/A

**Date Received:** 11/21/2011

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Cadmium	11/22/2011	SW846 3050/6010	< 0.559
Silver	11/22/2011	SW846 3050/6010	< 1.12

U

U

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

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. File ID:115081A.xls

DLM 8/7/12



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

### **LAB REPORT FOR METALS ANALYSIS IN SOLIDS**

**Client:** LaBella Associates, P.C.

**Lab Project No.:** 11-5081A

**Client Job Site:** Phototech

**Lab Sample No.:** 16862

**Client Job No.:** 209288

**Sample Type:** Soil

**Field Location:** AOC13-CS-3

**Date Sampled:** 11/21/2011

**Field ID No.:** N/A

**Date Received:** 11/21/2011

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Cadmium	11/22/2011	SW846 3050/6010	0.328 J
Silver	11/22/2011	SW846 3050/6010	< 1.10

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

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.

File ID:115081A.xls

DLM 8/7/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 11-5081A

PROJECT NAME: Photech

SDG: 16860

CLIENT: LaBella Associates, P.C.

Three soil samples were collected by LaBella Associates personnel on 11/21/2011 and received at the Paradigm laboratory on 11/21/2011. Container and holding times were acceptable at time of receipt; the sample was received at 12° Centigrade. Samples were submitted with the Chains-of-Custody requesting Silver and Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.


Site specific QC was not requested on this SDG. All LCS Recoveries and Percent Differences were within acceptance limits.

The method blank was free from contamination within the reportable range.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

12/7/2011

# CHAIN OF CUSTODY



REPORT TO:

INVOICE TO:

PROJECT NAME/SITE NAME: <i>PhotoTech</i>		COMPANY: <i>LaBella Associates, P.C.</i>		COMPANY: <i>Same</i>		LAB PROJECT #:		CLIENT PROJECT #:	
ADDRESS: <i>300 State St</i>		ADDRESS: <i>Same</i>		ADDRESS: <i>Same</i>		11-50814		209288	
CITY: <i>Rochester</i>		CITY: <i>NY</i>		CITY: <i>NY</i>		STATE: <i>NY</i>		ZIP: <i>14614</i>	
PHONE: <i>716/714</i>		FAX: <i>716/714</i>		PHONE: <i>716/714</i>		FAX: <i>716/714</i>		TURNAROUND TIME: (WORKING DAYS)	
ATTN: <i>M. Pelychety, D. Pohn</i>		ATTN: <i>Same</i>		ATTN: <i>Same</i>		1		2	
COMMENTS:		COMMENTS:		COMMENTS:		3		4	
COMMENTS:		COMMENTS:		COMMENTS:		5		6	
COMMENTS:		COMMENTS:		COMMENTS:		7		8	
COMMENTS:		COMMENTS:		COMMENTS:		9		10	

## REQUESTED ANALYSIS

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R	REMARKS	PARADIGM LAB SAMPLE NUMBER
11/21/11	1500		X	Acc13-CS-1	Sec 1	X	ASP / END	16860
11/21/11	1505		X	Acc13-CS-2	Sec 1	X		16861
11/21/11	1510		X	Acc13-CS-3	Sec 1	X		16862
4								
5								
6								
7								
8								
9								
10								

Sample Condition: Per NELAC/EIAP 210/241/242/243/244

Receipt Parameter NELAC Compliance

Comments:	Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	Temperature:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	@ 1622 11/21/11	

OK per VM/JSD 11/21 b/c Rec'd within 6hrs. of sampling.

Michael F. Pelychety	11-21-11	Total Cost:
Sampled By	Date/Time	
Relinquished By	Date/Time	
Received By	Date/Time	
Received @ Lab By	Date/Time	



# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Volatiles and Semivolatiles**

**SDG No: 1298-01**

**Sampling Date: August 30, 31 and March 28, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
VOLATILES AND SEMIVOLATILES  
USEPA REGION II

Site: Photech Imaging

SDG #: 1298-01

Client: LaBella Associates P.C.

Date: August 9, 2012

Laboratory: Paradigm Environmental Services

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOCs (PAHs)
A0C14-BOT-4	12:1298-01	Soil	X	X
A0C14-SW-12	12:1298-02	Soil	X	X
A0C14-SW-13	12:1298-03	Soil	X	X
A0C14-SW-14	12:1298-04	Soil		X

The data package contained four (4) soil samples. The samples were analyzed via Methods SW-846 8260B and 8270C. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, surrogate recoveries, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
1298-01, 12-98-02, 1298-03, 1298-04	Benzo (b) fluoranthrene, Indeno (1,2,3-cd) pyrene	UJ

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Surrogate: All results were acceptable.

DATA USABILITY SUMMARY REPORT  
VOLATILES AND SEMIVOLATILES  
USEPA REGION II

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Matrix Spike/Matrix Spike Duplicate: Data were not qualified based on matrix spike/matrix spike recoveries alone.

Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: **LaBella Associates, P.C.**

Client Job Site: Photech

Lab Project Number: 12:1298

Client Job Number: 209288

Lab Sample Number: 12:1298-01

Field Location: AOC14-BOT4

Date Sampled: 03/28/2012

Field ID Number: N/A

Date Received: 03/28/2012

Sample Type: Soil

Date Analyzed: 03/29/2012

Date Reissued: 04/24/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 4.17
n-Butylbenzene	< 4.17
sec-Butylbenzene	< 4.17
tert-Butylbenzene	< 4.17
Ethylbenzene	< 4.17
n-Propylbenzene	< 4.17
Isopropylbenzene	< 4.17
p-Isopropyltoluene	< 4.17
Naphthalene	< 10.4
Toluene	< 4.17
1,2,4-Trimethylbenzene	< 4.17
1,3,5-Trimethylbenzene	< 4.17
m,p-Xylene	< 4.17
o-Xylene	< 4.17
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 4.17

ELAP Number 10958

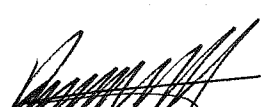
Method: EPA 8260B

Data File: V95778.D

Comments: ug / Kg = microgram per Kilogram

Matrix Spike outliers indicate probable matrix interference

Signature:

  
 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.

121298V1

DLM 8/9/12


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1298

Lab Sample Number: 12:1298-02

Client Job Number: 209288

Field Location: AOC14-SW12

Date Sampled: 03/28/2012

Field ID Number: N/A

Date Received: 03/28/2012

Sample Type: Soil

Date Analyzed: 03/29/2012

Aromatics	Results in ug / Kg
Benzene	< 4.17
n-Butylbenzene	< 4.17
sec-Butylbenzene	< 4.17
tert-Butylbenzene	< 4.17
Ethylbenzene	< 4.17
n-Propylbenzene	< 4.17
Isopropylbenzene	< 4.17
p-Isopropyltoluene	< 4.17
Naphthalene	< 10.4
Toluene	< 4.17
1,2,4-Trimethylbenzene	< 4.17
1,3,5-Trimethylbenzene	< 4.17
m,p-Xylene	< 4.17
o-Xylene	< 4.17
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 4.17

ELAP Number 10958

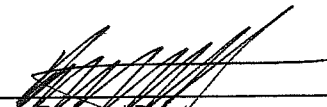
Method: EPA 8260B

Data File: V95779.D

Comments: ug / Kg = microgram per Kilogram

Matrix Spike outliers indicate probable matrix interference

Signature:

  
 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.

121298V2.XLS

DLM 8/9/12


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1298

**Lab Sample Number:** 12:1298-03

**Client Job Number:** 209288

**Field Location:** AOC14-SW13

**Date Sampled:** 03/28/2012

**Field ID Number:** N/A

**Date Received:** 03/28/2012

**Sample Type:** Soil

**Date Analyzed:** 03/29/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 5.04
n-Butylbenzene	< 5.04
sec-Butylbenzene	< 5.04
tert-Butylbenzene	< 5.04
Ethylbenzene	J 2.94
n-Propylbenzene	< 5.04
Isopropylbenzene	< 5.04
p-Isopropyltoluene	38.0
Naphthalene	< 12.6
Toluene	J 2.89
1,2,4-Trimethylbenzene	< 5.04
1,3,5-Trimethylbenzene	< 5.04
m,p-Xylene	< 5.04
o-Xylene	< 5.04
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 5.04

ELAP Number 10958

Method: EPA 8260B

Data File: V95780.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 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.

121298V3.XLS

DLM 8/9/12


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1298

**Lab Sample Number:** 12:1298-04

**Client Job Number:** 209288

**Field Location:** AOC14-SW14

**Date Sampled:** 03/28/2012

**Field ID Number:** N/A

**Date Received:** 03/28/2012

**Sample Type:** Soil

**Date Analyzed:** 03/29/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 3.90
n-Butylbenzene	< 3.90
sec-Butylbenzene	< 3.90
tert-Butylbenzene	< 3.90
Ethylbenzene	< 3.90
n-Propylbenzene	< 3.90
Isopropylbenzene	< 3.90
p-Isopropyltoluene	< 3.90
Naphthalene	< 9.74
Toluene	< 3.90
1,2,4-Trimethylbenzene	< 3.90
1,3,5-Trimethylbenzene	< 3.90
m,p-Xylene	< 3.90
o-Xylene	< 3.90
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.90

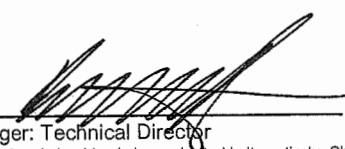
ELAP Number 10958

Method: EPA 8260B

Data File: V95781.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 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.

121298V4.XLS

DLM 8/9/12




**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1298

Lab Sample Number: 12:1298-01

Client Job Number: 209288

Field Location: AOC14-BOT4

Date Sampled: 03/28/2012

Field ID Number: N/A

Date Received: 03/28/2012

Sample Type: Soil

Date Analyzed: 03/29/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 340
Acenaphthylene	< 340
Anthracene	< 340
Benzo (a) anthracene	< 340
Benzo (a) pyrene	< 340
Benzo (b) fluoranthene	< 340 UJ
Benzo (g,h,i) perylene	< 340
Benzo (k) fluoranthene	< 340
Chrysene	< 340
Dibenz (a,h) anthracene	< 340
Fluoranthene	< 340
Fluorene	< 340
Indeno (1,2,3-cd) pyrene	< 340 UJ
Naphthalene	< 340
Phenanthrene	< 340
Pyrene	< 340

ELAP Number 10958

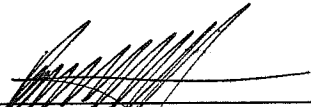
Analytical Method: EPA 8270C

Data File: S62071.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 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.

121298S1.XLS

DLM 8/9/12


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1298

Lab Sample Number: 12:1298-02

Client Job Number: 209288

Field Location: AOC14-SW12

Date Sampled: 03/28/2012

Field ID Number: N/A

Date Received: 03/28/2012

Sample Type: Soil

Date Analyzed: 03/29/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 340
Acenaphthylene	< 340
Anthracene	< 340
Benzo (a) anthracene	< 340
Benzo (a) pyrene	< 340
Benzo (b) fluoranthene	< 340 UJ
Benzo (g,h,i) perylene	< 340
Benzo (k) fluoranthene	< 340
Chrysene	< 340
Dibenz (a,h) anthracene	< 340
Fluoranthene	< 340
Fluorene	< 340
Indeno (1,2,3-cd) pyrene	< 340 UJ
Naphthalene	< 340
Phenanthrene	< 340
Pyrene	< 340

ELAP Number 10958

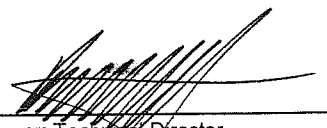
Analytical Method: EPA 8270C

Data File: S62072.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 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.

121298S2.XLS

DLM 8/9/12


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1298

**Lab Sample Number:** 12:1298-03

**Client Job Number:** 209288

**Field Location:** AOC14-SW13

**Date Sampled:** 03/28/2012

**Field ID Number:** N/A

**Date Received:** 03/28/2012

**Sample Type:** Soil

**Date Analyzed:** 03/29/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 372
Acenaphthylene	< 372
Anthracene	< 372
Benzo (a) anthracene	< 372
Benzo (a) pyrene	< 372
Benzo (b) fluoranthene	< 372 UJ
Benzo (g,h,i) perylene	< 372
Benzo (k) fluoranthene	< 372
Chrysene	< 372
Dibenz (a,h) anthracene	< 372
Fluoranthene	< 372
Fluorene	< 372
Indeno (1,2,3-cd) pyrene	< 372 UJ
Naphthalene	< 372
Phenanthrene	< 372
Pyrene	< 372

ELAP Number 10958


Analytical Method: EPA 8270C

Data File: S62075.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 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.

121298S3.XLS

DLM 8/9/12



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

**Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges**

**Client:** LaBella Associates, P.C.

**Client Job Site:** Photech

**Lab Project Number:** 12:1298

**Lab Sample Number:** 12:1298-04

**Client Job Number:** 209288

**Field Location:** AOC14-SW14

**Date Sampled:** 03/28/2012

**Field ID Number:** N/A

**Date Received:** 03/28/2012

**Sample Type:** Soil

**Date Analyzed:** 03/29/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 354
Acenaphthylene	< 354
Anthracene	< 354
Benzo (a) anthracene	< 354
Benzo (a) pyrene	< 354
Benzo (b) fluoranthene	< 354 UJ
Benzo (g,h,i) perylene	< 354
Benzo (k) fluoranthene	< 354
Chrysene	< 354
Dibenz (a,h) anthracene	< 354
Fluoranthene	< 354
Fluorene	< 354
Indeno (1,2,3-cd) pyrene	< 354 UJ
Naphthalene	< 354
Phenanthrene	< 354
Pyrene	< 354

ELAP Number 10958

Analytical Method: EPA 8270C

Data File: S62076.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: \_\_\_\_\_

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.

121298S4.XLS

DLM 8/9/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 12:1298

PROJECT NAME: Phototech

SDG: 1298-01

CLIENT: LaBella Associates, P.C.

Four soil samples were collected by LaBella personnel on 03/28/2012 and received at the Paradigm laboratory on the same day. Container and holding times were acceptable at time of receipt; the samples were received at 14° Centigrade and were on ice. Samples were submitted with the Chains-of-Custody requesting CP-51 list VOCs and SVOCs. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**VOLATILES and SEMIVOLATILES**

Regarding initial calibrations, it should be noted that the Quantitation Report concentrations supplied for the initial calibration reflect the calibration prior to updating. The response factors and areas are correct.

Regarding Quantitation Reports, it should be noted that the “#” symbol that appears on some of the Quantitation Reports is a software artifact and should be disregarded.

**VOLATILES**

Holding times were met for all samples.

All surrogate recoveries for the samples and associated QC were within acceptable limits.

Site specific QC was requested and analyzed on sample AOC14-SW-12. Numerous matrix spike, matrix spike duplicate, and RPDs were outside acceptance limits. They were flagged with a “\*” on the summary report and notated on the report accordingly. Matrix interference is suspected. The laboratory control sample recovered within acceptance limits.

The method blank was free from contamination within the reportable range for the client specified list.

The instrument tunes passed all criteria.

The internal standards areas and retention times were within acceptance ranges.

All data for the initial calibration was within acceptance limits. Compounds flagged with an "\*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table. (see method 8000B, section 7.5.1.2.1).

All continuing calibration data was within acceptance limits.

### **SEMI-VOLATILES**

Holding times were met for all samples.

All surrogate recoveries for the samples and associated QC were within acceptable limits.

Site specific QC was requested and analyzed on sample AOC14-SW-12. The matrix spike, matrix spike duplicate, and laboratory control sample recovered within acceptance limits.

The method blank was free from contamination within the reportable range for the client specified list.

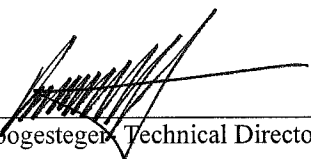
The instrument tunes passed all criteria.

The internal standards areas and retention times were within acceptance ranges.

All data for the initial calibrations was within acceptance limits. Compounds flagged with an "\*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table. (see method 8000B, section 7.5.1.2.1).

All continuing calibration data was within acceptance limits for the client specified list.

(signed)

  
Bruce Hoogesteger Technical Director

(date)

4/25/2012

# CHAIN OF CUSTODY



REPORT TO:

INVOICE TO:

COMPANY: <b>LaBella Associates</b>	COMPANY: <b>Same</b>	LAB PROJECT #: <b>12-1298</b>	CLIENT PROJECT #: <b>209285</b>
ADDRESS: <b>300 State St, Suite 201</b>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS) <b>2 day turn ok client 3/28/12</b>	
CITY: <b>Rochester</b> STATE: <b>NY</b> ZIP: <b>14614</b>	CITY:	STD <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 OTHER <input type="checkbox"/>	
PHONE:	PHONE:		
FAX:	FAX:		

PROJECT NAME/SITE NAME: **Wastech**

ATTN: **S. Davis, D. Porter, J. Bendall**

COMMENTS: **ASD Cat B deliverables; EDD = Eguis**

REQUESTED ANALYSIS

Quotation #

DATE	TIME	COMPOSITION	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	TESTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
13-28-12	1100	X	AOCL4-BOT4	SOIL	1	X	CP-51TB12VOCs	82100* + 8270* per history	01
23-28-12	1100	X	AOCL4-SW12	"	1	X	CP-51TB13SVOC	MS/MSD	02
33-28-12	1100	X	AOCL4-SW13	"	1	X			03
43-28-12	1100	X	AOCL4-SW14	"	1	X			04
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	14°Ciced - from samples @ 1555 3/28. Pres begun in field

Seth Davis 3-28-12 1100

Sampled By: **Seth Davis** Date/Time: **3-28-12 1538**

Relinquished By: **John A. Porter** Date/Time: **3/28/12 1538**

Received By: **John A. Porter** Date/Time: **3/28/12 1600**

Received @ Lab By: **John A. Porter** Date/Time: **3/28/12 1600**

P.I.F. ☐

Total Cost: **Seals N/A**

Cooler delivered by **LaBella so custody**

EAH 3/28



# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Volatiles and Semivolatiles**

**SDG No: 1256-01**

**Sampling Date: August 30, 31 and March 23, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
VOLATILES AND SEMIVOLATILES  
USEPA REGION II

Site: Photech Imaging

SDG #: 1256-01

Client: LaBella Associates P.C.

Date: August 9, 2012

Laboratory: Paradigm Environmental Services

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	VOCs	SVOCs (PAHs)
A0C14-SW-1	12:1256-01	Soil	X	X
A0C14-SW-2	12:1256-02	Soil	X	X
A0C14-SW-3	12:1256-03	Soil	X	X
A0C14-SW-4	12:1256-04	Soil		X
A0C14-SW-5	12:1256-05	Soil		X
A0C14-SW-6	12:1256-06	Soil		X
A0C14-SW-7	12:1256-07	Soil		X
A0C14-SW-8	12:1256-08	Soil		X
A0C14-SW-9	12:1256-09	Soil		X
A0C14-SW-10	12:1256-10	Soil		X
A0C14-SW-11	12:1256-11	Soil		X
A0C14-BOT-1	12:1256-12	Soil		X
A0C14-BOT-2	12:1256-13	Soil		X
A0C14-BOT-3	12:1256-14	Soil		X

The data package contained fourteen (14) soil samples. The samples were analyzed via Methods SW-846 8260B and 8270C. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, surrogate recoveries, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

DATA USABILITY SUMMARY REPORT  
VOLATILES AND SEMIVOLATILES  
USEPA REGION II

---

Laboratory Control Sample (LCS): All results were acceptable.

Surrogate: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
1256-11	VOCs	UJ

Matrix Spike/Matrix Spike Duplicate: All results were acceptable.

Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with “J”.

Data usability: Data qualified with the “UJ” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.

## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-01

Client Job Number: 209288

Field Location: AOC14-SW-1

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/26/2012

Aromatics	Results in ug / Kg
Benzene	< 3.93
n-Butylbenzene	< 3.93
sec-Butylbenzene	< 3.93
tert-Butylbenzene	< 3.93
Ethylbenzene	< 3.93
n-Propylbenzene	< 3.93
Isopropylbenzene	< 3.93
p-Isopropyltoluene	< 3.93
Naphthalene	< 9.82
Toluene	< 3.93
1,2,4-Trimethylbenzene	< 3.93
1,3,5-Trimethylbenzene	< 3.93
m,p-Xylene	J 2.46
o-Xylene	< 3.93
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.93

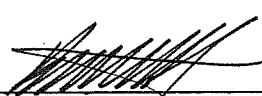
ELAP Number 10958

Method: EPA 8260B

Data File: V95672.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 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.

121256V1.XLS

DLM 8/9/12


**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-02

**Client Job Number:** 209288

**Field Location:** AOC14-SW-2

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 4.79
n-Butylbenzene	< 4.79
sec-Butylbenzene	< 4.79
tert-Butylbenzene	< 4.79
Ethylbenzene	< 4.79
n-Propylbenzene	< 4.79
Isopropylbenzene	< 4.79
p-Isopropyltoluene	< 4.79
Naphthalene	< 12.0
Toluene	< 4.79
1,2,4-Trimethylbenzene	< 4.79
1,3,5-Trimethylbenzene	< 4.79
m,p-Xylene	J 2.87
o-Xylene	< 4.79
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 4.79

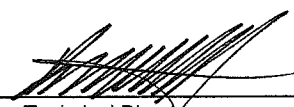
ELAP Number 10958

Method: EPA 8260B

Data File: V95675.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger: Technical Director

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DLM 8/9/12 121256V2.XLS


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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Phototech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-03

**Client Job Number:** 209288

**Field Location:** AOC14-SW-3

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 4.03
n-Butylbenzene	< 4.03
sec-Butylbenzene	< 4.03
tert-Butylbenzene	< 4.03
Ethylbenzene	< 4.03
n-Propylbenzene	< 4.03
Isopropylbenzene	< 4.03
p-Isopropyltoluene	< 4.03
Naphthalene	< 10.1
Toluene	< 4.03
1,2,4-Trimethylbenzene	< 4.03
1,3,5-Trimethylbenzene	< 4.03
m,p-Xylene	J 2.07
o-Xylene	< 4.03
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 4.03

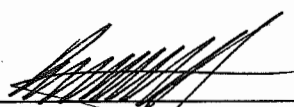
ELAP Number 10958

Method: EPA 8260B

Data File: V95676.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-04

**Client Job Number:** 209288

**Field Location:** AOC14-SW-4

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 3.55
n-Butylbenzene	< 3.55
sec-Butylbenzene	< 3.55
tert-Butylbenzene	< 3.55
Ethylbenzene	< 3.55
n-Propylbenzene	< 3.55
Isopropylbenzene	< 3.55
p-Isopropyltoluene	< 3.55
Naphthalene	< 8.89
Toluene	< 3.55
1,2,4-Trimethylbenzene	< 3.55
1,3,5-Trimethylbenzene	< 3.55
m,p-Xylene	< 3.55
o-Xylene	< 3.55
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.55

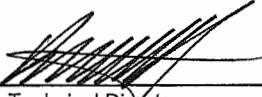
ELAP Number 10958

Method: EPA 8260B

Data File: V95677.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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### Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-05

Client Job Number: 209288

Field Location: AOC14-SW-5

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 4.11
n-Butylbenzene	< 4.11
sec-Butylbenzene	< 4.11
tert-Butylbenzene	< 4.11
Ethylbenzene	< 4.11
n-Propylbenzene	< 4.11
Isopropylbenzene	< 4.11
p-Isopropyltoluene	< 4.11
Naphthalene	< 10.3
Toluene	< 4.11
1,2,4-Trimethylbenzene	< 4.11
1,3,5-Trimethylbenzene	< 4.11
m,p-Xylene	< 4.11
o-Xylene	< 4.11
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 4.11

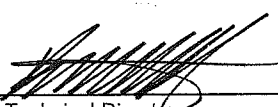
ELAP Number 10958

Method: EPA 8260B

Data File: V95678.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-06

**Client Job Number:** 209288

**Field Location:** AOC14-SW-6

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 3.68
n-Butylbenzene	< 3.68
sec-Butylbenzene	< 3.68
tert-Butylbenzene	< 3.68
Ethylbenzene	< 3.68
n-Propylbenzene	< 3.68
Isopropylbenzene	< 3.68
p-Isopropyltoluene	< 3.68
Naphthalene	< 9.21
Toluene	< 3.68
1,2,4-Trimethylbenzene	< 3.68
1,3,5-Trimethylbenzene	< 3.68
m,p-Xylene	< 3.68
o-Xylene	< 3.68
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.68


ELAP Number 10958

Method: EPA 8260B

Data File: V95679.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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DLM 8/9/12


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### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-07

**Client Job Number:** 209288

**Field Location:** AOC14-SW-7

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 3.09
n-Butylbenzene	< 3.09
sec-Butylbenzene	< 3.09
tert-Butylbenzene	< 3.09
Ethylbenzene	< 3.09
n-Propylbenzene	< 3.09
Isopropylbenzene	< 3.09
p-Isopropyltoluene	< 3.09
Naphthalene	< 7.72
Toluene	< 3.09
1,2,4-Trimethylbenzene	< 3.09
1,3,5-Trimethylbenzene	< 3.09
m,p-Xylene	< 3.09
o-Xylene	< 3.09
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.09


ELAP Number 10958

Method: EPA 8260B

Data File: V95680.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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**Volatile STARS Analysis Report for Soils/Solids/Sludges**

**Client:** LaBella Associates, P.C.

**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-08

**Client Job Number:** 209288

**Field Location:** AOC14-SW-8

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 3.44
n-Butylbenzene	< 3.44
sec-Butylbenzene	< 3.44
tert-Butylbenzene	< 3.44
Ethylbenzene	< 3.44
n-Propylbenzene	< 3.44
Isopropylbenzene	< 3.44
p-Isopropyltoluene	< 3.44
Naphthalene	< 8.59
Toluene	< 3.44
1,2,4-Trimethylbenzene	< 3.44
1,3,5-Trimethylbenzene	< 3.44
m,p-Xylene	< 3.44
o-Xylene	< 3.44
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.44

ELAP Number 10958

Method: EPA 8260B

Data File: V95681.D

Comments: ug / Kg = microgram per Kilogram

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

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### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-09

**Client Job Number:** 209288

**Field Location:** AOC14-SW-9

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 3.77
n-Butylbenzene	< 3.77
sec-Butylbenzene	< 3.77
tert-Butylbenzene	< 3.77
Ethylbenzene	< 3.77
n-Propylbenzene	< 3.77
Isopropylbenzene	< 3.77
p-Isopropyltoluene	< 3.77
Naphthalene	< 9.44
Toluene	< 3.77
1,2,4-Trimethylbenzene	< 3.77
1,3,5-Trimethylbenzene	< 3.77
m,p-Xylene	< 3.77
o-Xylene	< 3.77
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.77


ELAP Number 10958

Method: EPA 8260B

Data File: V95682.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-10

**Client Job Number:** 209288

**Field Location:** AOC14-SW-10

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 4.79
n-Butylbenzene	< 4.79
sec-Butylbenzene	< 4.79
tert-Butylbenzene	< 4.79
Ethylbenzene	< 4.79
n-Propylbenzene	< 4.79
Isopropylbenzene	< 4.79
p-Isopropyltoluene	< 4.79
Naphthalene	< 12.0
Toluene	< 4.79
1,2,4-Trimethylbenzene	< 4.79
1,3,5-Trimethylbenzene	< 4.79
m,p-Xylene	J 2.61
o-Xylene	< 4.79
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 4.79

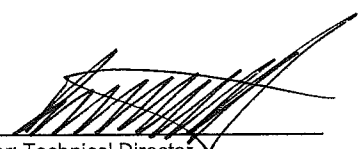
ELAP Number 10958

Method: EPA 8260B

Data File: V95683.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Phototech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-11

**Client Job Number:** 209288

**Field Location:** AOC14-SW-11

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

Aromatics	Results in ug / Kg	
Benzene	< 4.39	UJ
n-Butylbenzene	< 4.39	UJ
sec-Butylbenzene	< 4.39	UJ
tert-Butylbenzene	< 4.39	UJ
Ethylbenzene	< 4.39	UJ
n-Propylbenzene	< 4.39	UJ
Isopropylbenzene	< 4.39	UJ
p-Isopropyltoluene	< 4.39	UJ
Naphthalene	< 11.0	UJ
Toluene	< 4.39	UJ
1,2,4-Trimethylbenzene	< 4.39	UJ
1,3,5-Trimethylbenzene	< 4.39	UJ
m,p-Xylene	< 4.39	UJ
o-Xylene	< 4.39	UJ
<b>Miscellaneous</b>		
Methyl tert-butyl Ether	< 4.39	UJ

ELAP Number 10958

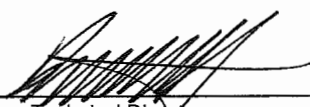
Method: EPA 8260B

Data File: V95684.D

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature:

  
 Bruce Hoogesteger, Technical Director

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**Volatile STARS Analysis Report for Soils/Solids/Sludges**

**Client:** LaBella Associates, P.C.

**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-12

**Client Job Number:** 209288

**Field Location:** AOC14-Bot-1

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

Aromatics	Results in ug / Kg
Benzene	< 3.71
n-Butylbenzene	< 3.71
sec-Butylbenzene	< 3.71
tert-Butylbenzene	< 3.71
Ethylbenzene	< 3.71
n-Propylbenzene	< 3.71
Isopropylbenzene	< 3.71
p-Isopropyltoluene	< 3.71
Naphthalene	< 9.27
Toluene	< 3.71
1,2,4-Trimethylbenzene	< 3.71
1,3,5-Trimethylbenzene	< 3.71
m,p-Xylene	4.16
o-Xylene	< 3.71
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.71

ELAP Number 10958

Method: EPA 8260B

Data File: V95685.D

Comments: ug / Kg = microgram per Kilogram

Signature: \_\_\_\_\_

Bruce Hoogesteger: Technical Director

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### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-13

**Client Job Number:** 209288

**Field Location:** AOC14-Bot-2

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

<b>Aromatics</b>	<b>Results in ug / Kg</b>
Benzene	< 4.31
n-Butylbenzene	< 4.31
sec-Butylbenzene	< 4.31
tert-Butylbenzene	< 4.31
Ethylbenzene	< 4.31
n-Propylbenzene	< 4.31
Isopropylbenzene	< 4.31
p-Isopropyltoluene	< 4.31
Naphthalene	< 10.8
Toluene	< 4.31
1,2,4-Trimethylbenzene	< 4.31
1,3,5-Trimethylbenzene	< 4.31
m,p-Xylene	< 4.31
o-Xylene	< 4.31
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 4.31

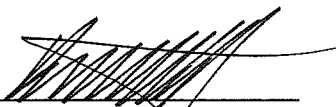
ELAP Number 10958

Method: EPA 8260B

Data File: V95686.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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### Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-14

**Client Job Number:** 209288

**Field Location:** AOC14-Bot-3

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

Aromatics	Results in ug / Kg
Benzene	< 3.40
n-Butylbenzene	< 3.40
sec-Butylbenzene	< 3.40
tert-Butylbenzene	< 3.40
Ethylbenzene	< 3.40
n-Propylbenzene	< 3.40
Isopropylbenzene	< 3.40
p-Isopropyltoluene	< 3.40
Naphthalene	< 8.49
Toluene	< 3.40
1,2,4-Trimethylbenzene	< 3.40
1,3,5-Trimethylbenzene	< 3.40
m,p-Xylene	< 3.40
o-Xylene	< 3.40
<b>Miscellaneous</b>	
Methyl tert-butyl Ether	< 3.40

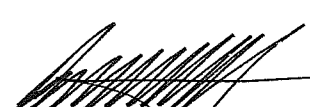
ELAP Number 10958

Method: EPA 8260B

Data File: V95687.D

Comments: ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger: Technical Director

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### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-01

**Client Job Number:** 209288

**Field Location:** AOC14-SW-1

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 331
Acenaphthylene	< 331
Anthracene	< 331
Benzo (a) anthracene	< 331
Benzo (a) pyrene	< 331
Benzo (b) fluoranthene	< 331
Benzo (g,h,i) perylene	< 331
Benzo (k) fluoranthene	< 331
Chrysene	< 331
Dibenz (a,h) anthracene	< 331
Fluoranthene	< 331
Fluorene	< 331
Indeno (1,2,3-cd) pyrene	< 331
Naphthalene	< 331
Phenanthrene	< 331
Pyrene	< 331

ELAP Number 10958

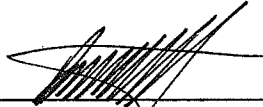
Analytical Method: EPA 8270C

Data File: S61998.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger, Technical Director

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DLM 8/9/12


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### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Phototech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-02

**Client Job Number:** 209288

**Field Location:** AOC14-SW-2

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 342
Acenaphthylene	< 342
Anthracene	< 342
Benzo (a) anthracene	< 342
Benzo (a) pyrene	< 342
Benzo (b) fluoranthene	< 342
Benzo (g,h,i) perylene	< 342
Benzo (k) fluoranthene	< 342
Chrysene	< 342
Dibenz (a,h) anthracene	< 342
Fluoranthene	< 342
Fluorene	< 342
Indeno (1,2,3-cd) pyrene	< 342
Naphthalene	< 342
Phenanthrene	< 342
Pyrene	< 342

ELAP Number 10958

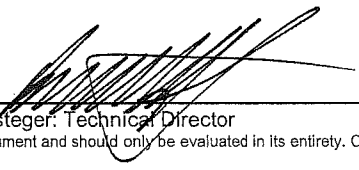
Analytical Method: EPA 8270C

Data File: S62001.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

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 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-03

Client Job Number: 209288

Field Location: AOC14-SW-3

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/26/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 339
Acenaphthylene	< 339
Anthracene	< 339
Benzo (a) anthracene	< 339
Benzo (a) pyrene	< 339
Benzo (b) fluoranthene	< 339
Benzo (g,h,i) perylene	< 339
Benzo (k) fluoranthene	< 339
Chrysene	< 339
Dibenz (a,h) anthracene	< 339
Fluoranthene	< 339
Fluorene	< 339
Indeno (1,2,3-cd) pyrene	< 339
Naphthalene	< 339
Phenanthrene	< 339
Pyrene	< 339

ELAP Number 10958

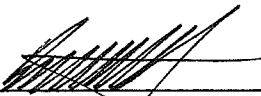
Analytical Method: EPA 8270C

Data File: S62002.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 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.

121256S3.XLS

DLM 8/9/12


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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-04

Client Job Number: 209288

Field Location: AOC14-SW-4

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/26/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 337
Acenaphthylene	< 337
Anthracene	< 337
Benzo (a) anthracene	< 337
Benzo (a) pyrene	< 337
Benzo (b) fluoranthene	< 337
Benzo (g,h,i) perylene	< 337
Benzo (k) fluoranthene	< 337
Chrysene	< 337
Dibenz (a,h) anthracene	< 337
Fluoranthene	J 198
Fluorene	< 337
Indeno (1,2,3-cd) pyrene	< 337
Naphthalene	< 337
Phenanthrene	< 337
Pyrene	< 337

ELAP Number 10958

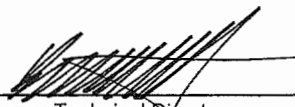
Analytical Method: EPA 8270C

Data File: S62003.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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 121256S4.XLS  
 DLM 8/9/12


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 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-05

Client Job Number: 209288

Field Location: AOC14-SW-5

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/26/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 347
Acenaphthylene	< 347
Anthracene	< 347
Benzo (a) anthracene	< 347
Benzo (a) pyrene	< 347
Benzo (b) fluoranthene	< 347
Benzo (g,h,i) perylene	< 347
Benzo (k) fluoranthene	< 347
Chrysene	< 347
Dibenz (a,h) anthracene	< 347
Fluoranthene	< 347
Fluorene	< 347
Indeno (1,2,3-cd) pyrene	< 347
Naphthalene	< 347
Phenanthrene	< 347
Pyrene	< 347

ELAP Number 10958


Analytical Method: EPA 8270C

Data File: S62004.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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121256S5.XLS

DLM 8/9/12


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-06

Client Job Number: 209288

Field Location: AOC14-SW-6

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/26/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 349
Acenaphthylene	< 349
Anthracene	< 349
Benzo (a) anthracene	< 349
Benzo (a) pyrene	< 349
Benzo (b) fluoranthene	< 349
Benzo (g,h,i) perylene	< 349
Benzo (k) fluoranthene	< 349
Chrysene	< 349
Dibenz (a,h) anthracene	< 349
Fluoranthene	< 349
Fluorene	< 349
Indeno (1,2,3-cd) pyrene	< 349
Naphthalene	< 349
Phenanthrene	< 349
Pyrene	< 349

ELAP Number 10958


Analytical Method: EPA 8270C

Data File: S62005.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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121256S6.XLS

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**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-07

**Client Job Number:** 209288

**Field Location:** AOC14-SW-7

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 338
Acenaphthylene	< 338
Anthracene	< 338
Benzo (a) anthracene	< 338
Benzo (a) pyrene	< 338
Benzo (b) fluoranthene	< 338
Benzo (g,h,i) perylene	< 338
Benzo (k) fluoranthene	< 338
Chrysene	< 338
Dibenz (a,h) anthracene	< 338
Fluoranthene	< 338
Fluorene	< 338
Indeno (1,2,3-cd) pyrene	< 338
Naphthalene	< 338
Phenanthrene	< 338
Pyrene	< 338

ELAP Number 10958


Analytical Method: EPA 8270C

Data File: S62006.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger: Technical Director

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121256S7.XLS

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-08

**Client Job Number:** 209288

**Field Location:** AOC14-SW-8

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/26/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 360
Acenaphthylene	< 360
Anthracene	< 360
Benzo (a) anthracene	< 360
Benzo (a) pyrene	< 360
Benzo (b) fluoranthene	< 360
Benzo (g,h,i) perylene	< 360
Benzo (k) fluoranthene	< 360
Chrysene	< 360
Dibenz (a,h) anthracene	< 360
Fluoranthene	< 360
Fluorene	< 360
Indeno (1,2,3-cd) pyrene	< 360
Naphthalene	< 360
Phenanthrene	< 360
Pyrene	< 360

ELAP Number 10958

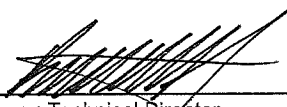
Analytical Method: EPA 8270C

Data File: S62007.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger: Technical Director

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### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-09

Client Job Number: 209288

Field Location: AOC14-SW-9

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/27/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	J 225
Acenaphthylene	< 356
Anthracene	J 340
Benzo (a) anthracene	868
Benzo (a) pyrene	744
Benzo (b) fluoranthene	707
Benzo (g,h,i) perylene	403
Benzo (k) fluoranthene	598
Chrysene	911
Dibenz (a,h) anthracene	< 356
Fluoranthene	2,000
Fluorene	J 181
Indeno (1,2,3-cd) pyrene	J 344
Naphthalene	< 356
Phenanthrene	1,630
Pyrene	1,700

ELAP Number 10958


Analytical Method: EPA 8270C

Data File: S62008.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-10

Client Job Number: 209288

Field Location: AOC14-SW-10

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/27/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 351
Acenaphthylene	< 351
Anthracene	< 351
Benzo (a) anthracene	< 351
Benzo (a) pyrene	< 351
Benzo (b) fluoranthene	< 351
Benzo (g,h,i) perylene	< 351
Benzo (k) fluoranthene	< 351
Chrysene	< 351
Dibenz (a,h) anthracene	< 351
Fluoranthene	< 351
Fluorene	< 351
Indeno (1,2,3-cd) pyrene	< 351
Naphthalene	< 351
Phenanthrene	< 351
Pyrene	< 351

ELAP Number 10958


Analytical Method: EPA 8270C

Data File: S62009.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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121256S0.XLS

DLM - 8/9/12


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### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Photech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-11

**Client Job Number:** 209288

**Field Location:** AOC14-SW-11

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/27/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 319
Acenaphthylene	< 319
Anthracene	329
Benzo (a) anthracene	826
Benzo (a) pyrene	805
Benzo (b) fluoranthene	824
Benzo (g,h,i) perylene	470
Benzo (k) fluoranthene	499
Chrysene	799
Dibenz (a,h) anthracene	J 206
Fluoranthene	1,740
Fluorene	< 319
Indeno (1,2,3-cd) pyrene	368
Naphthalene	< 319
Phenanthrene	1,070
Pyrene	1,510

ELAP Number 10958

Analytical Method: EPA 8270C


Data File: S62010.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature:

  
 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.

121256T1.XLS

DLM 8/9/12


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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Phototech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-12

Client Job Number: 209288

Field Location: AOC14-Bot-1

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/27/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 332
Acenaphthylene	< 332
Anthracene	< 332
Benzo (a) anthracene	< 332
Benzo (a) pyrene	< 332
Benzo (b) fluoranthene	< 332
Benzo (g,h,i) perylene	< 332
Benzo (k) fluoranthene	< 332
Chrysene	< 332
Dibenz (a,h) anthracene	< 332
Fluoranthene	< 332
Fluorene	< 332
Indeno (1,2,3-cd) pyrene	< 332
Naphthalene	< 332
Phenanthrene	< 332
Pyrene	< 332

ELAP Number 10958

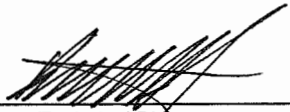
Analytical Method: EPA 8270C

Data File: S62014.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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121256T2.XLS

DLM 8/9/12


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

 Client: LaBella Associates, P.C.

Client Job Site: Photech

Lab Project Number: 12:1256

Lab Sample Number: 12:1256-13

Client Job Number: 209288

Field Location: AOC14-Bot-2

Date Sampled: 03/23/2012

Field ID Number: N/A

Date Received: 03/23/2012

Sample Type: Soil

Date Analyzed: 03/27/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 347
Acenaphthylene	< 347
Anthracene	< 347
Benzo (a) anthracene	J 241
Benzo (a) pyrene	J 185
Benzo (b) fluoranthene	J 208
Benzo (g,h,i) perylene	< 347
Benzo (k) fluoranthene	< 347
Chrysene	J 229
Dibenz (a,h) anthracene	< 347
Fluoranthene	522
Fluorene	< 347
Indeno (1,2,3-cd) pyrene	< 347
Naphthalene	< 347
Phenanthrene	489
Pyrene	395

ELAP Number 10958

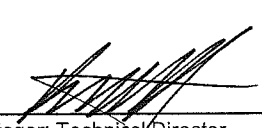
Analytical Method: EPA 8270C

Data File: S62015.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger: Technical Director

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121256T3.XLS

DLM 8/9/12


**PARADIGM**  
 ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

### Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

**Client:** LaBella Associates, P.C.
**Client Job Site:** Phototech

**Lab Project Number:** 12:1256

**Lab Sample Number:** 12:1256-14

**Client Job Number:** 209288

**Field Location:** AOC14-Bot-3

**Date Sampled:** 03/23/2012

**Field ID Number:** N/A

**Date Received:** 03/23/2012

**Sample Type:** Soil

**Date Analyzed:** 03/27/2012

Base / Neutrals	Results in ug / Kg
Acenaphthene	719
Acenaphthylene	< 685
Anthracene	2,370
Benzo (a) anthracene	4,420
Benzo (a) pyrene	3,640
Benzo (b) fluoranthene	3,590
Benzo (g,h,i) perylene	1,650
Benzo (k) fluoranthene	2,250
Chrysene	3,910
Dibenz (a,h) anthracene	878
Fluoranthene	9,090
Fluorene	1,130
Indeno (1,2,3-cd) pyrene	1,740
Naphthalene	< 685
Phenanthrene	7,780
Pyrene	7,970

ELAP Number 10958

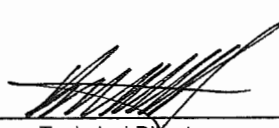
Analytical Method: EPA 8270C

Data File: S62018A.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature:

  
 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.

121256T4.XLS

DLM 8/9/12



## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 12:1256

PROJECT NAME: Photech

SDG: 1256-01

CLIENT: LaBella Associates, P.C.

Fourteen soil samples were collected by LaBella personnel on 03/23/2012 and received at the Paradigm laboratory on the same day. Container and holding times were acceptable at time of receipt; the samples were received at 17° Centigrade. Samples were submitted with the Chains-of-Custody requesting CP-51 list VOCs and SVOCs. All analyses were performed using EPA SW-846 methods and holding times.

## **GENERAL NOTES**

### **ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

### **VOLATILES and SEMIVOLATILES**

Regarding initial calibrations, it should be noted that the Quantitation Report concentrations supplied for the initial calibration reflect the calibration prior to updating. The response factors and areas are correct.

Regarding Quantitation Reports, it should be noted that the “#” symbol that appears on some of the Quantitation Reports is a software artifact and should be disregarded.

### **VOLATILES**

Holding times were met for all samples.

All surrogate recoveries for the samples and associated QC were within acceptable limits, except Toluene-d8 and 4-Bromofluorobenzene were out low in sample AOC14-SW-11. They were flagged with a “\*” on the summary report and notated on the report accordingly. Matrix interference is suspected.

Site specific QC was requested and analyzed on sample AOC14-SW-1. The matrix spike, matrix spike duplicate, and laboratory control sample recovered within acceptance limits.

The method blank was free from contamination within the reportable range for the client specified list.

The instrument tunes passed all criteria.

The internal standards areas and retention times were within acceptance ranges.

All data for the initial calibration was within acceptance limits. Compounds flagged with an "\*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table. (see method 8000B, section 7.5.1.2.1).

All continuing calibration data was within acceptance limits.

### **SEMI-VOLATILES**

Holding times were met for all samples.

All surrogate recoveries for the samples and associated QC were within acceptable limits, except Terphenyl-d14 was out low in sample AOC14-SW-11. It was flagged with a "\*" on the summary report and notated on the report accordingly. Matrix interference is suspected.

Site specific QC was requested and analyzed on sample AOC14-SW-1. The matrix spike, matrix spike duplicate, and laboratory control sample recovered within acceptance limits.

The method blank was free from contamination within the reportable range for the client specified list.

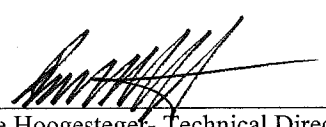
The instrument tunes passed all criteria.

The internal standards areas and retention times were within acceptance ranges.

All data for the initial calibrations was within acceptance limits. Compounds flagged with an "\*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table. (see method 8000B, section 7.5.1.2.1).

All continuing calibration data was within acceptance limits for the client specified list.

(signed)

  
Bruce Hoogestege - Technical Director

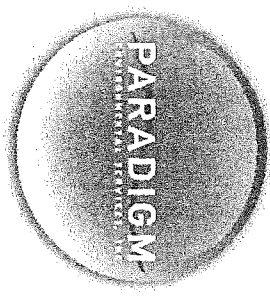
(date)

4/25/2012

1791 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1062

# CHAIN OF CUSTODY



REPORT TO:

INVOICE TO:

COMPANY:	LeBella	COMPANY:	Same	LAB PROJECT #:	121256	CLIENT PROJECT #:	209288
ADDRESS:	300 State St	ADDRESS:		TURNAROUND TIME: (WORKING DAYS)			
CITY:	Rochester	CITY:					
STATE:	NY	STATE:					
ZIP:		ZIP:					
PHONE:		PHONE:					
FAX:		FAX:					
ATTN:		ATTN:					

Project Name/Item Name: *Aspetech*

Comments: ASP Cat. B deliverables, EDD = Equus

REQUESTED ANALYSIS

Quotation # 2 days per lab/50 EAH3/23

STANDARD OTHER

☒ 1 ☐ 2 ☐ 3 ☐ 5

DATE	TIME	COMPOSITION	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	TESTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
13/23/12	1130			ASCH-SW-1	Soil	1	X	MS/MSD	01
2	"			" - 2	"	1	X		02
3	"			" - 3	"	1	X		03
4	"			" - 4	"	1	X		04
5	"			" - 5	"	1	X		05
6	"			" - 6	"	1	X		06
7	"			" - 7	"	1	X		07
8	"			" - 8	"	1	X		08
9	"			" - 9	"	1	X		09
10	"			" - 10	"	1	X		10

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/EIAP 210/241/242/243/244

Receipt Parameter: NELAC Compliance

Comments:	Container Type:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	Preservation:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	Holding Time:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Comments:	Temperature:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Comments: *From 170C Rec'd within 24 hrs of sampling*

*(From EAH 3/23 Samples)*

Sampled By: *[Signature]* Date/Time: 3/23/12 1500

Requisitioned By: *[Signature]* Date/Time: 3/23/12 1540

Received By: *[Signature]* Date/Time: 3/23/12 1540

Total Cost:

P.L.F.

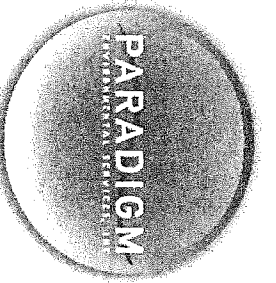
Received @ Lab By: *[Signature]* Date/Time: 3/23/12 1540

*Elizabeth A. Honick 3/23/12 1625*

*Cooler delivered by LeBella so custody seals N/A. EAH3/23*

2092

# CHAIN OF CUSTODY



REPORT TO:

INVOICE TO:

PROJECT NAME/SITE NAME:

COMMENTS:

ASD Cat. B deliv; EDD = E905

REQUESTED ANALYSIS

Quotation # See p.1

PARADIGM  
LABORATORY SERVICES, INC.

COMPANY:

LaBella

COMPANY:

Same

LAB PROJECT #:

121256

CLIENT PROJECT #:

209288

ADDRESS:

300 State St

ADDRESS:

CITY:

STATE:

ZIP:

TURNAROUND TIME: (WORKING DAYS)

CITY:

STATE:

ZIP:

PHONE:

FAX:

PHONE:

FAX:

ATTN:

ATTN:

STD

OTHER

OTHER

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R	REMARKS	PARADIGM LAB SAMPLE NUMBER
13/23/12	1130			ADCL4-SW-11	Se1	1		11
2	11			ADCL4-Bot-1	"	1		12
3	11			" - 2	"	1		13
4	11			" - 3	"	1		14
5								
6								
7								
8								
9								
10								

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter

NELAC Compliance

Container Type:

Y ☒ N ☐

Total Cost:

Preservation:

Y ☐ N ☐

Holding Time:

Y ☒ N ☐

Temperature:

Y ☐ N ☐

Comments:

from samples. Relic within 6 hrs of sampling

Sampled By:

Date/Time:

3/23/12 1130

Requisitioned By:

Date/Time:

3/23/12 1500

Received By:

Date/Time:

3/23/12 1540

Received @ Lab By:

Date/Time:

3/23/12 1530

P.I.F.

☐

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 741-01**

**Sampling Date: February 21, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 741-01

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium
210596-AOC2 CONFSW8-O	12:0741-01	Soil	X
210596-AOC2 CONFSW-D	12:0741-02	Soil	X

The data package contained two (2) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike and Laboratory Duplicate: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
12:0741-01, 12:0741-02	Cadmium	J

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.



## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

### LAB REPORT FOR METALS ANALYSIS IN SOLID

Client: LaBella Associates, P.C.

Lab Project No.: 12:0741

Client Job Site: Photech

Sample Type: Soil  
Method: SW846 3050/6010

Client Job No.: 210596

Date Sampled: 02/21/2012

Date Received: 02/22/2012

Date Analyzed: 02/23/2012

Lab Sample No.	Field ID No.	Field Location	Cadmium Results (mg/kg)
12:0741-01	N/A	210596-AOC2CONFSW8-0	0.938 JDM
12:0741-02	N/A	210596-AOC2CONFSW-D	1.31 J

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

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.

File ID:12-0741.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 12:0741

PROJECT NAME: Photech

SDG: 741-01

CLIENT: LaBella Associates, P.C.

Two soil samples were collected by LaBella Associates personnel on 02/21/2012 and received at the Paradigm laboratory on 02/22/2012. Container and holding times were acceptable at time of receipt; the samples were received at 6° Centigrade and were on ice. Samples were submitted with the Chains-of-Custody requesting Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

### **GENERAL NOTES**

#### **ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

#### **METALS**

Holding times were met for all samples.

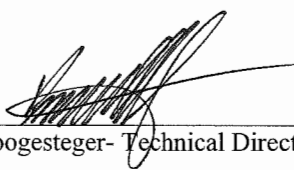
Site specific QC was requested and analyzed on sample 210596-AOC2CONFSW8-O. The Percent Difference and Matrix Spike Recovery for this sample were outside acceptance limits. The summary report has been flagged with "\*"s and the sample report has been annotated accordingly. Matrix Interference is suspected. The LCS Recoveries and LCS Percent Difference were within acceptance limits.

The method blank was free from contamination within the reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

3/5/2012

# CHAIN OF CUSTODY

## PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608

(716) 647-2530 \* (800) 724-1897

PROJECT NAME/SITE NAME:

*Phototech*

REPORT TO:

INVOICE TO:

COMPANY: Labella Associates, P.C.

ADDRESS: 300 State Street, Suite 201

CITY: Rochester

PHONE: 585-454-6110

FAX:

COMPANY:

ADDRESS: SAME

STATE: NY

ZIP: 14614

CITY:

PHONE:

FAX:

LAB PROJECT #:

CLIENT PROJECT #:

12:0711

210596

TURNAROUND TIME: (WORKING DAYS)

STD

OTHER

1 ☐ 2 ☐ 3 ☐ 5 ☐

ATTN: M. Pajonik

S. Davis, S. Biadellilo

ATTN:

COMMENTS:

ASP cat, B deliverables

EDD = Equis

REQUESTED ANALYSIS

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T T R I X	C O N T A I N E R	REMARKS	PARADIGM LAB SAMPLE NUMBER
12-21-12	1600		X	210596-40C2CONFESW8-D	Soil	1	MS/MSD	01
2-2-12	1600		X	210596-40C2CONFESW-17	↓	1		02
3								
4								
5								
6								
7								
8								
9								
10								

LAB USE ONLY\*\*

SAMPLE CONDITION: Check box

CONTAINER TYPE:

☒

PRESERVATIONS:

☐

HOLDING TIME:

☒

TEMPERATURE:

6°C cooled @ 0950 2/22

if acceptable or note deviation:

N/A

Sampled By:

Michael F. Penney

Date/Time:

2/2/12

Relinquished By:

Received By:

Relinquished By:

2/2/12

Date/Time:

Received By:

2/22/12

Date/Time:

Received @ Lab By:

2/22/12

Date/Time:

P.L.F.

Total Cost: \$5000 - N/A

6/16/10

only

Received By: *Michael A. Honch* 2/22/12 1015  
Cooler delivered by Labella  
So custody seals N/A.

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 633-01**

**Sampling Date: February 15, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 633-01

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium
210596-AOC2CONFSW7-O	12:0633-01	Soil	X
210596-AOC2CONFSW-D2	12:0633-02	Soil	X

The data package contained two (2) soil samples. The samples were analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike: Not applicable.

Laboratory Duplicate: Not applicable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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“U” qualifier are usable as there are no quality control issues.



## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

### LAB REPORT FOR METALS ANALYSIS IN SOLID

Client: LaBella Associates, P.C.

Lab Project No.: 12:0741

Client Job Site: Photech

Sample Type: Soil  
Method: SW846 3050/6010

Client Job No.: 210596

Date Sampled: 02/21/2012

Date Received: 02/22/2012

Date Analyzed: 02/23/2012

Lab Sample No.	Field ID No.	Field Location	Cadmium Results (mg/kg)
12:0741-01	N/A	210596-AOC2CONFSW8-0	0.938 JDM
12:0741-02	N/A	210596-AOC2CONFSW-D	1.31 J

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

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. File ID:12-0741.xls

DLM 8/8/12

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 12:0741

PROJECT NAME: Photech

SDG: 741-01

CLIENT: LaBella Associates, P.C.

Two soil samples were collected by LaBella Associates personnel on 02/21/2012 and received at the Paradigm laboratory on 02/22/2012. Container and holding times were acceptable at time of receipt; the samples were received at 6° Centigrade and were on ice. Samples were submitted with the Chains-of-Custody requesting Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

### **GENERAL NOTES**

#### **ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

#### **METALS**

Holding times were met for all samples.

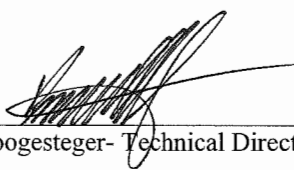
Site specific QC was requested and analyzed on sample 210596-AOC2CONFSW8-O. The Percent Difference and Matrix Spike Recovery for this sample were outside acceptance limits. The summary report has been flagged with "\*"s and the sample report has been annotated accordingly. Matrix Interference is suspected. The LCS Recoveries and LCS Percent Difference were within acceptance limits.

The method blank was free from contamination within the reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger- Technical Director

(date)

3/5/2012

# CHAIN OF CUSTODY

## PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608

(716) 647-2530 \* (800) 724-1897

PROJECT NAME/SITE NAME:

*Phototech*

REPORT TO:

INVOICE TO:

COMPANY: Labella Associates, P.C.

ADDRESS: 300 State Street, Suite 201

CITY: Rochester

PHONE: 585-454-6110

FAX:

COMPANY:

ADDRESS: SAME

STATE: NY

ZIP: 14614

CITY:

PHONE:

FAX:

ATTN:

LAB PROJECT #:

CLIENT PROJECT #:

12:0711

210596

TURNAROUND TIME: (WORKING DAYS)

STD

OTHER

1 2 3 5

ATTN: M. Pajonik

S. Davis, S. Biadell, L. L.

ATTN:

COMMENTS:

Asp cat, B deliverables

EDD = Equis

REQUESTED ANALYSIS

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T T R I X	C O N T A I N E R	REMARKS	PARADIGM LAB SAMPLE NUMBER
12-21-12	1600		X	210596-40C2CONFESW8-D	Soil	1	MS/MSD	01
2-21-12	1600		X	210596-40C2CONFESW-17		1		02
3								
4								
5								
6								
7								
8								
9								
10								

LAB USE ONLY\*\*

SAMPLE CONDITION: Check box

CONTAINER TYPE:

☒

PRESERVATIONS:

☐

HOLDING TIME:

☒

TEMPERATURE:

☐

if acceptable or note deviation:

CONTAINER TYPE:

☒

PRESERVATIONS:

☐

HOLDING TIME:

☒

TEMPERATURE:

☐

SAMPLED BY:

Michael F. Penney

DATE/TIME:

2/21/12

RELINQUISHED BY:

Michael F. Penney

DATE/TIME:

2/21/12

RELINQUISHED BY:

Jason Jaskovich

DATE/TIME:

2/21/12

RECEIVED BY:

Michael F. Penney

DATE/TIME:

2/21/12

RECEIVED BY:

Michael F. Penney

DATE/TIME:

2/21/12

RECEIVED @ Lab By:

Michael F. Penney

DATE/TIME:

2/21/12

DATE/TIME:

2/21/12

P.L.F.

Total Cost: \$6950 2/22

63 Cooled @ 0950 2/22

616 formels only

Received By: *Michael F. Penney* 2/22/12 835

Received @ Lab By: *Michael F. Penney* 2/22/12 1015

Cooler delivered by Labella so custody stays N/A.

# **DATA USABILITY SUMMARY REPORT**

**For**

## **FORMER PHOTECH IMAGING SITE SOIL SAMPLING**

**Metals**

**SDG No: 997-01  
Sampling Date: March 7, 2012**

**Submitted to:**

**LABELLA ASSOCIATES P.C.  
300 State Street  
Suite 201  
Rochester, NY - 14614  
(585) 295-6253**

**Prepared by:**

**Environmental Data Validation Inc (EDV, Inc.)  
1326 Oranewood Ave  
Pittsburgh, PA 15216  
(412) 341-5281**

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

Site: Photech Imaging

SDG #: 997-01

Client: LaBella Associates P.C.

Date: August 8, 2012

Laboratory: Paradigm Environmental Services, Inc.

Reviewer: D. McGuire

**Sample Identification Table**

Client Sample ID	Laboratory ID	Matrix	Cadmium
AOC7-SW12	12:0997-01	Soil	X

The data package contained one (1) soil sample. The sample was analyzed via Method SW-846 6010B. The adherence of laboratory analytical performance to these methods' analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: instrument tunings, calibration standards, calibration verifications, blanks, laboratory controls, spike recoveries, replicate analyses, and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met.

Chain of Custody (COC): All were present.

Holding Time: All criteria were met.

Calibration Quality Control: All criteria were met.

Blanks Quality Control: All results were acceptable.

Laboratory Control Sample (LCS): All results were acceptable.

Matrix Spike: The following were qualified due to deficiency;

Sample Identification	Compound	Qualifier
12:0997-01	Cadmium	UJ

Laboratory Duplicate: All results were acceptable.

Additional Comments: Results reported less than the reporting limit, but greater than the method detection limit, are considered estimated and qualified with "J".

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are

DATA USABILITY SUMMARY REPORT  
METALS  
USEPA REGION II

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estimated data with some quality control issues. Data qualified with the “J” qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the “R” qualifier are not usable due to severe quality control issues. Data qualified with the “U” qualifier are usable as there are no quality control issues.



## **ATTACHMENT A**

### **VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)**



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

**LAB REPORT FOR METALS ANALYSIS IN SOLID**

**Client:** LaBella Associates

**Lab Project No.:** 12:0997

**Client Job Site:** Photech

**Sample Type:** Soil

**Method:** SW846 3050/6010

**Client Job No.:** 209288

**Date Sampled:** 03/07/2012

**Date Received:** 03/07/2012

**Date Analyzed:** 03/08/2012

Lab Sample No.	Field ID No.	Field Location	Cadmium Results (mg/kg)
12:0997-01	N/A	AOC7-SW12	< 0.559 UJM

ELAP ID No.:10958

Comments:

Approved By: \_\_\_\_\_

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.

File ID:12-0997.xls

## **ATTACHMENT B**

### **CASE NARRATIVE AND CHAIN OF CUSTODY**

LAB PROJECT NARRATIVE: 12:0997

PROJECT NAME: Photech

SDG: 997-01

CLIENT: LaBella Associates, P.C.

One soil sample was collected by LaBella Associates personnel on 03/07/2012 and received at the Paradigm laboratory on 03/07/2012. Container and holding times were acceptable at time of receipt; the sample was received at 23° Centigrade. The sample was submitted with the Chains-of-Custody requesting Cadmium. All analyses were performed using EPA SW-846 methods and holding times.

**GENERAL NOTES**

**ALL ANALYSES**

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

**METALS**

Holding times were met for all samples.

Site specific QC was requested and analyzed on sample AOC7-SW12. The Percent Difference was within acceptance limits, but the Matrix Spike Recovery was outside acceptance limits. The summary report has been flagged with "\*"s and the sample report has been annotated accordingly. Matrix Interference is suspected. The LCS Recoveries and LCS Percent Difference were within acceptance limits.

The method blank was free from contamination within the reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed)

  
Bruce Hoogesteger, Technical Director

(date)

3/12/2012

# PARADIGM ENVIRONMENTAL SERVICES, INC.

## CHAIN OF CUSTODY

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX: (585) 647-3311

REPORT TO: INVOICE TO:

COMPANY: <u>Labella</u>	COMPANY:	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: <u>300 State St</u>	ADDRESS:	120997	209288
CITY: <u>Rochester</u> STATE: <u>NY</u> ZIP: <u>14614</u>	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:	PHONE: FAX:	STD OTHER	
ATTN: <u>S. Davis, D. Roter, J. Biondelli</u>	ATTN:	QUOTE #:	
COMMENTS: <u>ASPCat B; EDD = Eugene's</u>	COMMENTS:	1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/>	

PROJECT NAME/SITE NAME: Photeck  
 per sample labeled NP 317

DATE	TIME	COMPOSITION	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	REQUESTED ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
13-7-12	1545	X		AOC7-SW12	Soil	1	X	MS/MSD	01
2									
3									
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments: <u>23°C from sample @ 1600 3/7 NP - NA b/c of</u>	

Seth Davis	3-7-12	1545
Sampled By	Date/Time	
Relinquished By	Date/Time	
Received By	Date/Time	
Received @ Lab By	Date/Time	
Total Cost:		
P.L.F.		

metals only NP 317