

changed 1/9/09

SCANNED

Lawrence 3-18126  
207 MARSTON ST.

SCANNED

**IMMEDIATE RESPONSE ACTION  
COMPLETION REPORT  
FORMER JOHN C. TOMBARELLO & SONS PROPERTY  
207 MARSTON STREET  
LAWRENCE, MASSACHUSETTS**

*SL Thompson*

**Release Tracking Number 3-18126**

Prepared for:

**MASSACHUSETTS DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

207B Lowell Street  
Wilmington, Massachusetts

**RECEIVED**

MAY 04 2007

DEP  
NORTHEAST REGIONAL OFFICE

Prepared by:

**WESTON SOLUTIONS, INC.**  
One Wall Street  
Manchester, New Hampshire 03101-1501

April 2007

W.O. No.: 13057.001.003.2000

**IMMEDIATE RESPONSE ACTION  
COMPLETION REPORT**

Prepared for:

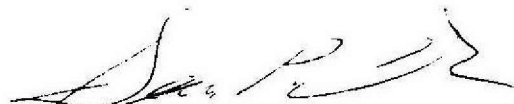
**MASSACHUSETTS DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**  
207B Lowell Street  
Wilmington, Massachusetts

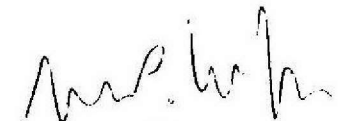
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MAY 04 2007  
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Prepared by:

**WESTON SOLUTIONS, INC.**  
One Wall Street  
Manchester, New Hampshire 03101-1501

  
for Pamela G. Hoskins, P.E., LSP  
Licensed Site Professional

  
James P. Ricker, P.G.  
Project Manager

April 2007

W.O. No. 13057.001.003.2000

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## LIST OF ACRONYMS

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American	American Recycling of Massachusetts, Inc.
CMR	Code of Massachusetts Regulations
EPA	U.S. Environmental Protection Agency
ft	foot
ft <sup>2</sup>	square foot
IH	Imminent Hazard
IRA	Immediate Response Action
LCS	laboratory control spike
MCP	Massachusetts Contingency Plan
MassDEP	Massachusetts Department of Environmental Protection
PCB(s)	polychlorinated biphenyls
ppm	parts per million
QC	quality control
RCRA	Resource Conservation and Recovery Act
RTN(s)	Release Tracking Numbers
Site	former John C. Tombarello & Sons property
WESTON®	Weston Solutions, Inc.

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**SECTION 1**

**INTRODUCTION**

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## 1. INTRODUCTION

Weston Solutions, Inc. (WESTON<sup>®</sup>) has been retained by First Lawrence Financial, LLC on behalf of American Recycling of Massachusetts, Inc. (American), to perform an Immediate Response Action (IRA) for the former John C. Tombarello & Sons property (Site), located in Lawrence, Massachusetts. The Massachusetts Department of Environmental Protection (MassDEP) has assigned multiple Release Tracking Numbers (RTN) to this Site for elevated levels of oil and hazardous materials detected in the soil; RTN 3-18126 is effective for this IRA report. The Site is currently classified as a Tier 1C site under the Massachusetts Contingency Plan (MCP) - 310 Code of Massachusetts Regulations (CMR) 40.0000. The Tier 1C Permit, held by the responsible party (American), is currently expired. However, as a result of removal of scrap and sheet metal from the Site in the spring of 2006 (see Section 2 for details), MassDEP became concerned that dust containing polychlorinated biphenyls (PCB) may have become airborne as a result of the removal operations. MassDEP was concerned that as a result of airborne PCBs becoming located in surface soils in the yards of nearby residences, a possible Imminent Hazard (IH) condition could exist on the residential properties. Specifically, it was determined that PCB concentrations in excess of 10 parts per million (ppm) may have come to be located in soils within the top 12 inches on some of the properties. This condition would constitute an IH in accordance with 310 CMR 40.0321(2)(b).

Accordingly, at the request of MassDEP, an IRA has been conducted in accordance with 310 CMR 40.0410 and with the IRA Plan, submitted to and conditionally approved by MassDEP on 22 January 2007.

The IRA consisted of the sampling of surface soils behind the residential properties located to the north of the Site to determine if the conditions for an IH, as detailed in 310 CMR 40.0312(2)(b), are present. The results of the IRA are documented in this IRA Completion Report, which has been prepared in accordance with the requirements of the MCP (310 CMR 40.0427), and includes the results of the field investigation.



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**SECTION 2**

**DISPOSAL SITE DESCRIPTION AND HISTORY  
(30 CMR 40.0427(4)(a))**

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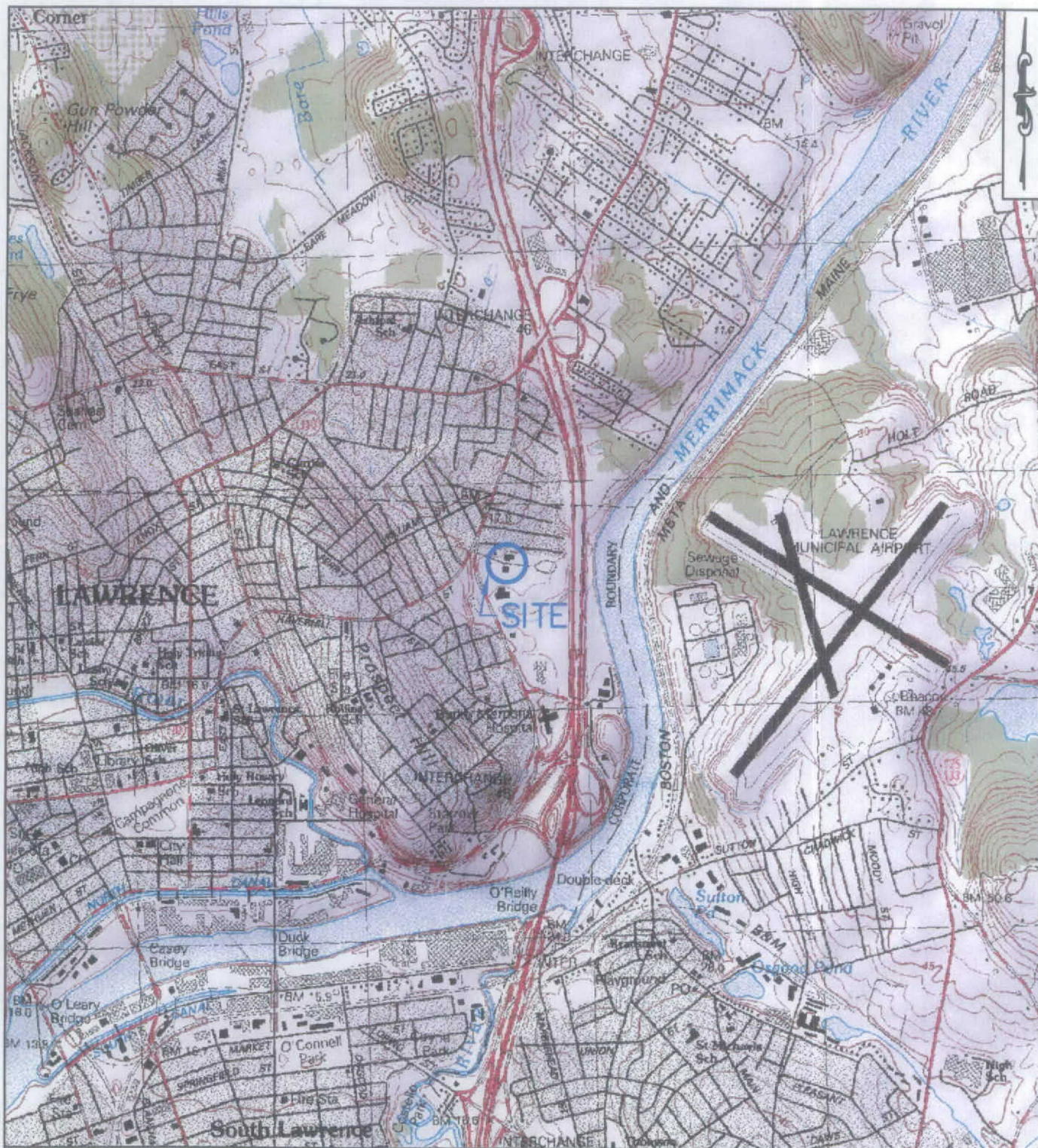
## **2. DISPOSAL SITE DESCRIPTION AND HISTORY (30 CMR 40.0427(4)(a))**

MassDEP and the City of Lawrence requested that an IRA be conducted to evaluate potential impacts to soil quality at several residential properties located on Hoffman Avenue. This evaluation has been proposed in response to the handling and screening of stockpiled soils at the former Tombarello and Sons property (Site) in 2006. Those operations included the use of heavy equipment, including a bucket loader, soil screener, and excavator with ferrous metals separating attachment (magnet), for the purposes of segregating and removing metal debris from stockpiled soils in the rear (eastern) portion of the property.

Representatives from the City of Lawrence, the United States Environmental Protection Agency (EPA), and MassDEP have expressed concerns that disturbance of the stockpiled soils during the metal segregating operation may have resulted in the migration of dust containing PCB and metals to other portions of the Site and vicinity; specifically, the residential area along Hoffman Avenue that abuts the Site to the north. MassDEP requested that an investigation be conducted to evaluate whether or not an IH condition is posed to the off-site abutting residents.

The Site is comprised of 14 acres located between Marston Street and Route 495 in Lawrence, Massachusetts (Figure 2-1). The northern portion of the Site was formerly used for metals recycling, while the southern portion was formerly used first for soap manufacturing, and then as a community landfill by the City of Lawrence. A paper recycling transfer station is currently operated on a 5-acre parcel to the southwest of the Site. The property has been occupied by several buildings including a 3,000 square foot (ft<sup>2</sup>) office/scale house, a 3,000 ft<sup>2</sup> single family dwelling, a 24,000 ft<sup>2</sup> metal shop/garage, a 11,000 ft<sup>2</sup> furnace building, a 750 ft<sup>2</sup> press/baler building, and two shear buildings (2,500 ft<sup>2</sup> and a 6,500 ft<sup>2</sup>, respectively). Numerous sheds and outbuildings are also located on the Site. Other site features include a soil berm adjacent to Route 495, overhead and subsurface utilities (telephone, electric, storm drains, and gas and water lines), and a sanitary sewer easement that bisects the Site from east to west. Reportedly, the soil berms were constructed from shallow site soils in conjunction with earthwork for Route 495. In addition, soil materials intermixed with metal are stockpiled adjacent the berms. These, and all pertinent site features, are shown on the Site Plan (Figure 2-2).

M:\Design\DWG\TOMB\PHASE 2\Fig 2-1.dwg, Layout1, 8/13/2004 8:08:28 AM, girardeb, 1:1



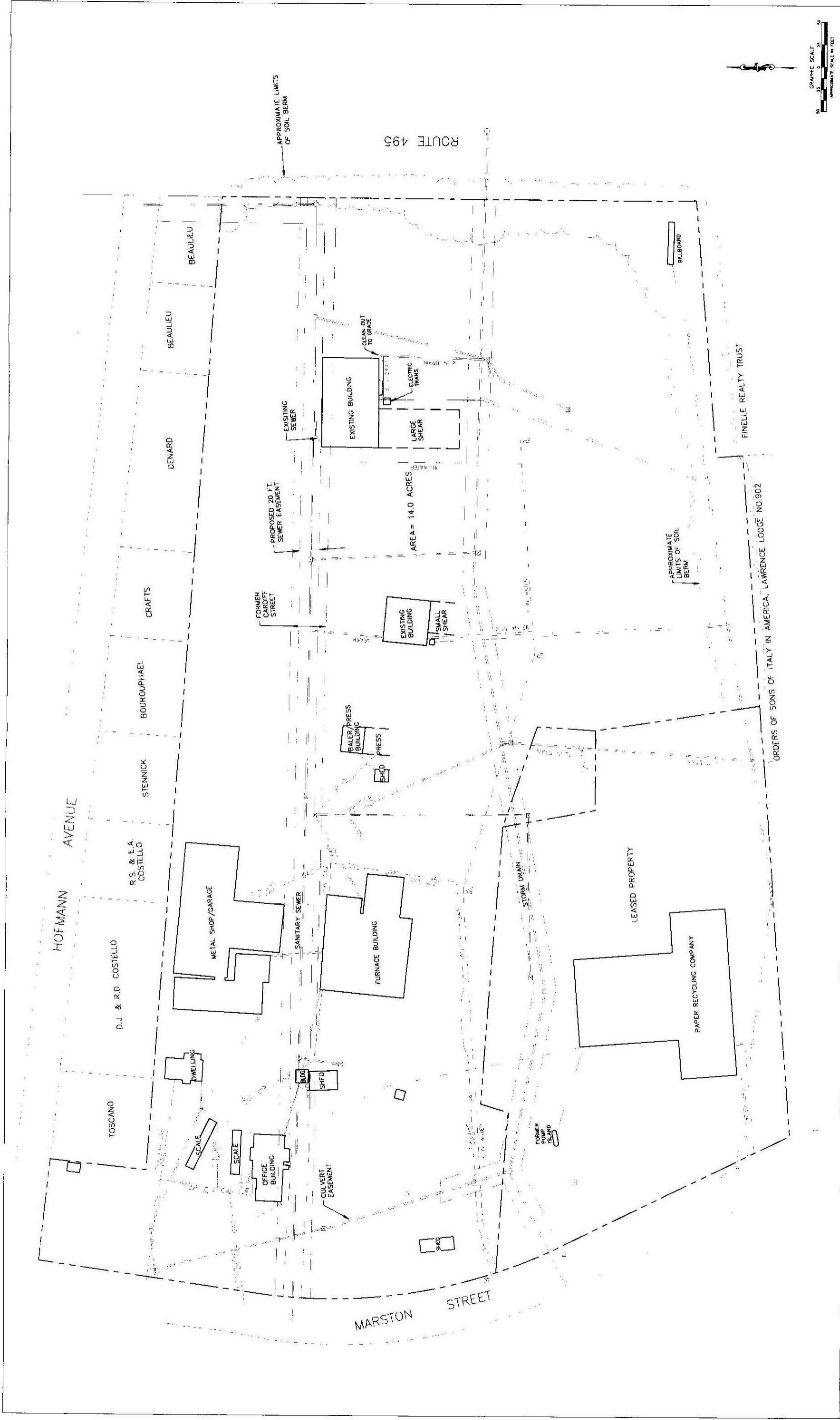
**SOURCE:**  
 DELORME 3-D TOPOQUADS SOFTWARE;  
 MASSACHUSETTS, CONNECTICUT, & RHODE  
 ISLAND 3-D TOPOQUADS CD



**SITE LOCATION MAP**  
 FORMER TOMBARELLO & SONS SITE  
 MARSTON STREET  
 LAWRENCE, MASSACHUSETTS



MANCHESTER				NEW HAMPSHIRE	
DRAWN	BEG	DATE	DES. ENG.	DATE	V.I. NO.
		AUG 2004			13057.001.002
CHECKED		DATE	APPROVED	DATE	FIGURE NO.
					2-1



# SITE PLAN

DRAWN	BEG	DATE	FIGURE NO.	REV. NO.
AS SHOWN	AUG 2004	2-2	13057.001.002	

NO.	DATE	APPR.	NO.	DATE	APPR.

DESIGNER	DATE	DATE

DESIGN	DATE

FORMER TOMBARELLO & SONS SITE  
 MARSTON STREET  
 LAWRENCE, MASSACHUSETTS



MASSACHUSETTS REGISTERED PROFESSIONAL ENGINEER

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**SECTION 3**

**IMMEDIATE RESPONSE ACTION  
INVESTIGATIVE WORK COMPLETED  
(30 CMR 40.0427(4)(b))**

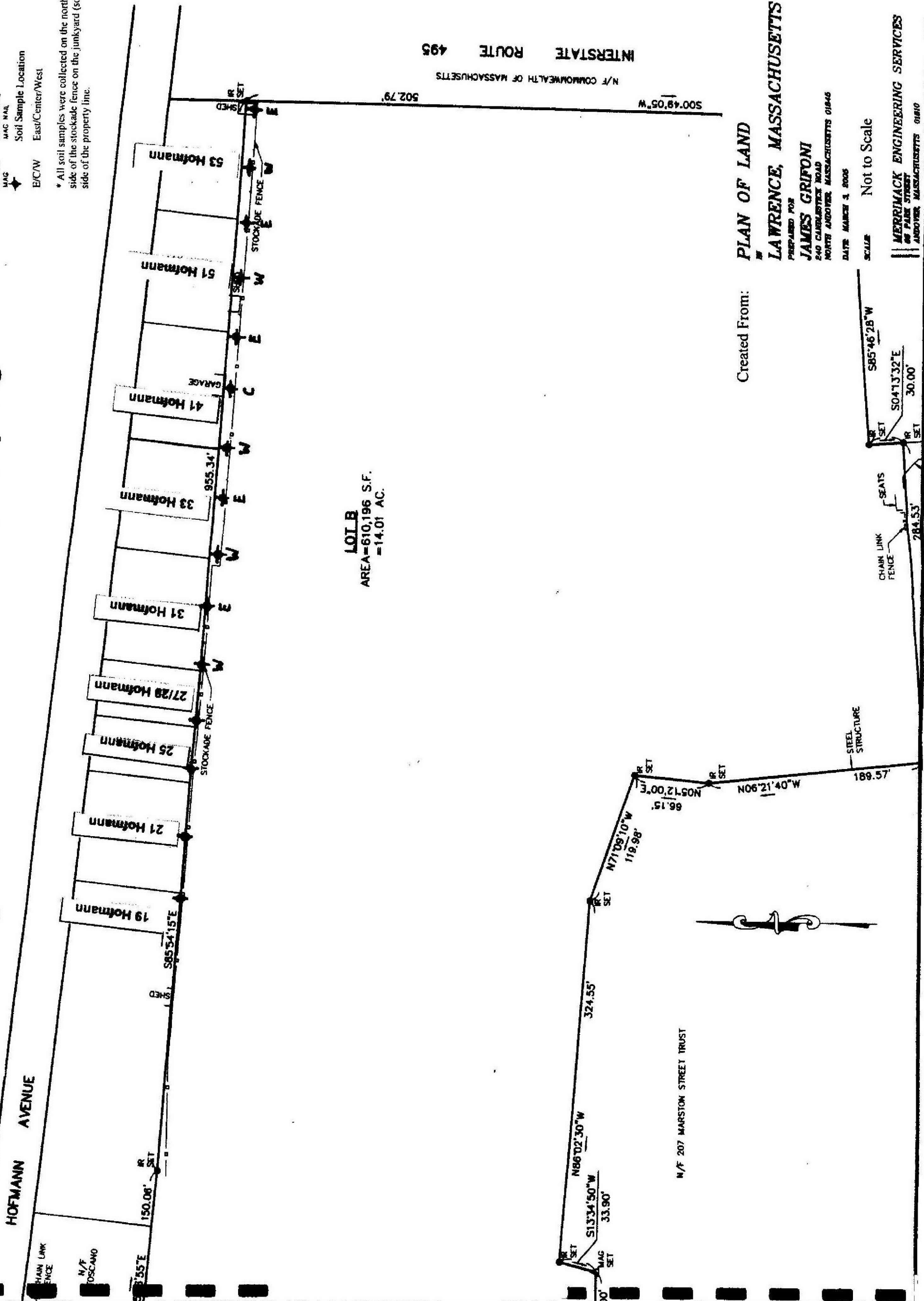
---

# City of Lawrence Residential Sampling

## LEGEND

- R IRON ROD FOUND
- N/F NOW OR FORMERLY MASSACHUSETTS HIGHWAY BOUND
- LC 3/4" LG 3/4" MAG NAIL
- Soil Sample Location
- E/C/W East/Center/West

\* All soil samples were collected on the north side of the stockade fence on the junkyard (south) side of the property line.



**LOT B**  
 AREA = 610,196 S.F.  
 = 14.01 AC.

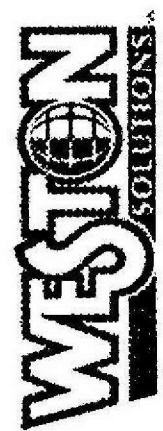


Figure 3-1  
 IRA/IH Soil  
 Sampling Location Map

Created From: **PLAN OF LAND**  
 FOR **LAWRENCE, MASSACHUSETTS**  
 PREPARED FOR  
**JAMES GRIFONI**  
 240 CAMBRIDGE ROAD  
 NORTH ANDOVER, MASSACHUSETTS 01845  
 DATE: MARCH 3, 2008  
 SCALE: Not to Scale  
**MERRIMACK ENGINEERING SERVICES**  
 40 PARK STREET  
 NORTH ANDOVER, MASSACHUSETTS 01810

### **3. IMMEDIATE RESPONSE ACTION INVESTIGATIVE WORK COMPLETED (310 CMR 40.0427(4)(b))**

All soil sample locations are shown on Figure 3-1 and raw laboratory data packages are provided in Appendix B. Sample collection and analytical procedures, results, action levels, and data usability and representativeness evaluations are summarized in this section and in Section 4.

#### **3.1 SAMPLE COLLECTION PROCEDURES AND ANALYTICAL METHODS**

WESTON conducted the IRA on behalf of First Lawrence Financial, which is acting as a secured lender for the Site. Soil samples were collected along an approximately 700 foot (ft) long transect on the northern property boundary fence line. Composite soil samples were collected from 0 to 6 inches below ground surface to target the surface soils with the highest potential for impacts by fugitive emissions of soil particles from the Site. Samples were collected at 50-ft spacing intervals, resulting in the collection of up to two soil samples from behind each residential property along the 700-ft transect (17 total).

An organic vapor monitor equipped with a photoionization detector was available on-site to be used if the creation of dust occurred. Due to past snow storms and frigid temperatures, a shovel and a Bosch hammer drill were necessary for sample collections. The shovel was used to remove the snow in the area where the samples were to be collected. The Bosch hammer drill was then used to break the ground up. Between each sample, the hammer drill was decontaminated with an Alconox<sup>®</sup> and water solution. After the samples were collected, they were transferred to the appropriate sample containers and immediately placed on ice. Under chain-of-custody procedures, the soil samples were submitted via courier to ESS Laboratory, Inc. in Cranston, Rhode Island. The soil samples were analyzed for the presence of Resource Conservation and Recovery Act (RCRA)-8 metals by EPA Method 6010B and PCBs by EPA Method 8082. Upon completion, each sample point was backfilled to the surface with soil cuttings.

### 3.2 DATA USABILITY AND REPRESENTATIVENESS

Resource Conservation and Recovery Act-8 metals and PCBs data were generated for the Site by the off-site laboratory, ESS of Cranston Rhode Island Laboratories, a Massachusetts-licensed laboratory. Soils were analyzed using methods from the MassDEP's *Compendium of Analytical Methods Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data in Support of Response Actions Conducted Under the Massachusetts Contingency Plan (WSC-CAM-VIIA)* (MassDEP, August, 2003), or equivalent methods.

A modified Tier II data review utilizing a Data Review Checklist was performed. Data were reviewed in accordance with the *EPA New England Region I Data Validation Functional Guidelines for Evaluating Environmental Analyses* (EPA, December 1996) and the MassDEP guidelines for ensuring Presumptive Certainty under the MCP. The following quality control (QC) indicators were reviewed; holding times, sample preparation, method blanks, surrogate recoveries, matrix spike recoveries, field duplicate results, laboratory control spike (LCS) recoveries, and laboratory duplicates (metals only). Based on the QC review conducted and on approval of the *IRA Plan* (WESTON, 2007) by MassDEP, the data are considered to be both valid and Compendium of Analytical Methods-compliant.

In some instances, matrix spike recoveries did not meet QC criteria stated in the laboratory QC plan or standard operating procedure. No qualifications were added to data results, as these compounds met recovery limits in the LCS sample.

Based on the number and spatial distribution of the residential samples, and on MassDEP approval of the *IRA Plan* (WESTON, 2007), the data are considered to be representative of the surface soils in the abutting properties.

### 3.3 ANALYTICAL RESULTS (310 CMR 40.0427(4)(c))

WESTON collected 17 composite samples along an approximately 700-ft long transect on the fence line that is located between the Site and the residential properties on Hoffman Avenue. These samples were collected from 0 to 6 inches below the ground surface in 50-ft intervals starting at 53 Hoffman Avenue and moving west towards Marston Street. Behind the homes of 25, 21, and 19 Hoffman Avenue, there was only one sample collected. Behind the residences of



53, 51, 33, 31, and 27/29 Hoffman Avenue, there were two samples collected. Finally, behind the properties of 51 and 41 Hoffman Avenue, there were three samples collected along the fence.

There were no detections of PCBs above the IH criteria of 10 ppm in any samples collected at any of the locations. There were also no detections of RCRA-8 metals above the various IH criteria. The IH criteria are as follows:

- Arsenic – 40 ppm
- Cadmium – 60 ppm
- Mercury – 300 ppm

Although there were no detections over the IH standard, there were detections above the MassDEP soil standards for S-1 soil and GW-2 groundwater as shown in Appendix A.

One sample located behind each of the homes at 53, 41, 33, and 31 Hoffman Avenue had detections of PCBs above the MassDEP Method 1 S-1 Standard of 2 ppm. Both the second and third sample locations behind 41 Hoffman Avenue also had detections above the standard for cadmium (2 ppm), chromium (30 ppm), and lead (300 ppm). The second sample collected behind 41 Hoffman Avenue had a detection of barium above the standard of 1,000 ppm.

There were detections above the Method 1 S-1 Standards for cadmium, chromium, lead, and PCBs in both sample locations behind 27/29 Hoffman Avenue and also 21 Hoffman Avenue.

Of the three samples collected behind the residence at 51 Hoffman Avenue, all had detections above the standard for PCBs, chromium, and lead. The second and third locations behind 51 Hoffman Avenue also had detections above the standard for cadmium.

There were no detections above any of the standards (IH or Method 1) at 19 and 25 Hoffman Avenue, also in the first of the samples collected behind the residences of 31, 33, and 53 Hoffman Avenue.

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**SECTION 4**

**INVESTIGATION DERIVED WASTE  
(310 CMR 40.0427(4)(e))**

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#### **4. INVESTIGATION DERIVED WASTE (310 CMR 40.0427(4)(e))**

No excess soil cuttings or other environmental materials were generated during the collection of soil samples conducted under this IRA. Personal protective equipment was properly disposed in accordance with federal, state, and local regulations. Because this IRA addressed investigation only, no remedial additives were used and no remedial waste streams were generated.

---

**SECTION 5**

**CONCLUSIONS AND ON-GOING ACTIVITIES  
(310 CMR 40.0427(4)(d))**

---

## **5. CONCLUSIONS AND ON-GOING ACTIVITIES (310 CMR 40.0427(4)(d))**

Because no site contaminants are present in the top 12 inches of soil on the residential properties abutting the Site, the potential IH condition investigated under this IRA does not exist, and therefore, currently no IH conditions have been found to exist at the Site. No ongoing site activities are required to maintain this condition.

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**SECTION 6**

**REFERENCES**

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## 6. REFERENCES

Environmental Protection Agency (EPA), 1996. *EPA New England Region I Data Validation Functional Guidelines for Evaluating Environmental Analyses*. December.

Massachusetts Department of Environmental Protection (MassDEP). August 2003. *Compendium of Analytical Methods Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data in Support of Response Actions Conducted Under the Massachusetts Contingency Plan (WSC-CAM-VIIA)*.

Weston Solutions, Inc. (WESTON). 2007. *IRA Plan*.

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**APPENDIX A**

**LABORATORY DATA PACKAGES**

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# ESS Laboratory

Division of Thielsch Engineering, Inc.

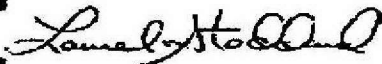
## CERTIFICATE OF ANALYSIS

## PROJECT NARRATIVE

Jim Ricker  
Weston Solutions, Inc.  
One Wall Street  
Manchester, NH 03101

**RE: Tombarello & Sons**  
**ESS Laboratory Work Order Number: 0702235**

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this Project Narrative, the entire report has been paginated. The ESS Laboratory Certifications sheet is the final report page. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been mailed. If you have any questions or concerns, please feel free to call our Customer Service Department.



Laurel Stoddard  
Laboratory Director

Date: February 27, 2007

### Sample Receipt

17 Soil samples and 2 Aqueous samples were received on February 20, 2007 for the analyses specified on the enclosed Chain of Custody Record.

### Analytical Summary

The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration may be used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC, except where noted within this project narrative. Holding time and preservation requirements for all MCP analytes were achieved, unless otherwise noted in this Project Narrative.

### Metals Analysis

The batch Matrix Spike was outside of the recommended range for Lead and Chromium. These analytes exceed the upper control limit. The batch Matrix Spike/Matrix Spike Duplicate was outside of the recommended range for Mercury due to matrix interferences. This analyte exceeds the upper control limit.

No other observations noted.

End of Project Narrative.

ndp

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### MADEP MCP Response Action Analytical Report Certification Form

MADEP RTN\*: \_\_\_\_\_

This form provides certification for the following data set:

0702235-01, 0702235-02, 0702235-03, 0702235-04, 0702235-05, 0702235-06, 0702235-07, 0702235-08, 0702235-09, 0702235-10,  
0702235-11, 0702235-12, 0702235-13, 0702235-14, 0702235-15, 0702235-16, 0702235-17, 0702235-18, 0702235-19

Sample Matrices:	( ) Ground Water	<input checked="" type="checkbox"/> Soil/Sediment	( ) Drinking Water	( ) Other:
MCP SW-846	8260B ( )	8151A ( )	8330 ( )	6010B <input checked="" type="checkbox"/> 7470A/1A <input checked="" type="checkbox"/>
Methods Used	8270C ( )	8081A ( )	VPH ( )	6020 ( ) 9014M** ( )
	8082 <input checked="" type="checkbox"/>	8021B ( )	EPH ( )	7000 S*** ( ) 7196A ( )

As specified in MADEP

Compendium of Analytical

Methods (Check all that apply)

\* List Release Tracking Number (RTN), if known.

\*\* M-SW-846 9014 or MADEP Physiologically Available Cyanide (PAC) Method

\*\*\* S - SW - 846 Methods 7000 Series - List individual method and analyte

*An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status*

A Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?  Yes  No\*

B Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?  Yes  No\*

C Does the data included in the report meet all the requirements for "Presumptive Certainty" as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?  Yes  No\*

D VPH and EPH methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective Methods)?  Yes  No\*

*A response to questions E and F below required for "Presumptive Certainty" status*

E Were all QC performance standards and recommendations for the specific methods achieved?  Yes  No\*

F Were results for all analyte-list compounds/elements for the specified method(s) reported?  Yes  No\*

*\*All negative responses must be addressed in an attached Environmental Laboratory Case Narrative.*

*I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.*

Signature: Laurel Stoddard

Date: 2/27/2007

Printed Name: Laurel Stoddard

Position: Laboratory Director

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: RB-021907-01  
Date Sampled: 02/19/07 07:30  
Percent Solids: N/A

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-01  
Sample Matrix: Aqueous

### 3005A/6000/7000 Total Metals

Analyte	Results	Units	MRL	S1 Limit	Method	DF	Analyst	Analyzed	I/V	F/V
Arsenic	ND	ug/L	25	10	6010B	1	SVD	02/21/07	100	50
Barium	ND	ug/L	25	2000	6010B	1	SVD	02/21/07	100	50
Cadmium	ND	ug/L	2	5	6010B	1	SVD	02/21/07	100	50
Chromium	ND	ug/L	10	100	6010B	1	SVD	02/21/07	100	50
Lead	ND	ug/L	25	15	6010B	1	SVD	02/21/07	100	50
Mercury	ND	ug/L	0.5	2	7470A	1	SVD	02/23/07	20	40
Selenium	ND	ug/L	25	50	6010B	1	SVD	02/21/07	100	50
Silver	ND	ug/L	2	100	6010B	1	SVD	02/21/07	100	50

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: RB-021907-01  
Date Sampled: 02/19/07 07:30  
Percent Solids: N/A  
Initial Volume: 1000  
Final Volume: 1  
Extraction Method: 3510C

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-01  
Sample Matrix: Aqueous  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1221	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1232	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1242	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1248	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1254	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1260	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1262	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1268	ND	ug/L	0.10	0.5	1	02/21/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	70 %		30-150
Surrogate: Decachlorobiphenyl [2C]	73 %		30-150
Surrogate: Tetrachloro-m-xylene	98 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	97 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 53 Hofmann-(0-0.5)-0  
Date Sampled: 02/19/07 07:45  
Percent Solids: 69

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-02  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>Sl Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	9.7	20	6010B	1	SVD	02/20/07	1.5	100
Barium	45.6	mg/kg dry	4.8	1000	6010B	1	SVD	02/20/07	1.5	100
Cadmium	ND	mg/kg dry	0.97	2	6010B	1	SVD	02/20/07	1.5	100
Chromium	13.5	mg/kg dry	1.9	30	6010B	1	SVD	02/20/07	1.5	100
Lead	69.3	mg/kg dry	9.7	300	6010B	1	SVD	02/20/07	1.5	100
Mercury	0.206	mg/kg dry	0.048	20	7471A	1	EEM	02/21/07	0.6	40
Selenium	ND	mg/kg dry	9.7	400	6010B	1	SVD	02/20/07	1.5	100
Silver	ND	mg/kg dry	0.97	100	6010B	1	SVD	02/20/07	1.5	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 53 Hofmann-(0-0.5)-0  
Date Sampled: 02/19/07 07:45  
Percent Solids: 69  
Initial Volume: 20.1  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-02  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

Analyte	Results	Units	MRL	S1 Limit	DF	Analyzed
Aroclor 1016	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1221	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1232	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1242	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1248	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1254	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1260	0.31	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1262	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1268	ND	mg/kg dry	0.07	2	1	02/21/07

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	120 %		30-150
Surrogate: Decachlorobiphenyl [2C]	116 %		30-150
Surrogate: Tetrachloro-m-xylene	116 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	114 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 53 Hofmann-(0-0.5)-50  
Date Sampled: 02/19/07 08:00  
Percent Solids: 65

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-03  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	10.1	20	6010B	1	SVD	02/20/07	1.53	100
Barium	148	mg/kg dry	50.2	1000	6010B	10	SVD	02/21/07	1.53	100
Cadmium	1.38	mg/kg dry	1.01	2	6010B	1	SVD	02/20/07	1.53	100
Chromium	35.5	mg/kg dry	2.0	30	6010B	1	SVD	02/20/07	1.53	100
Lead	228	mg/kg dry	101	300	6010B	10	SVD	02/21/07	1.53	100
Mercury	0.308	mg/kg dry	0.051	20	7471A	1	EEM	02/21/07	0.6	40
Selenium	ND	mg/kg dry	10.1	400	6010B	1	SVD	02/20/07	1.53	100
Silver	ND	mg/kg dry	1.01	100	6010B	1	SVD	02/20/07	1.53	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 53 Hofmann-(0-0.5)-50  
Date Sampled: 02/19/07 08:00  
Percent Solids: 65  
Initial Volume: 20.2  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-03  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1221	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1232	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1242	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1248	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1254	ND	mg/kg dry	0.08	2	1	02/21/07
<b>Aroclor 1260</b>	<b>6.33</b>	mg/kg dry	0.76	2	10	02/22/07
Aroclor 1262	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1268	ND	mg/kg dry	0.08	2	1	02/21/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	112 %		30-150
Surrogate: Decachlorobiphenyl [2C]	118 %		30-150
Surrogate: Tetrachloro-m-xylene	111 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	108 %		30-150



# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 51 Hofmann-(0-0.5)-100  
Date Sampled: 02/19/07 08:15  
Percent Solids: 63

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-04  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	12.1	mg/kg dry	10.4	20	6010B	1	SVD	02/20/07	1.52	100
Barium	382	mg/kg dry	52.2	1000	6010B	10	SVD	02/21/07	1.52	100
Cadmium	14.5	mg/kg dry	1.04	2	6010B	1	SVD	02/20/07	1.52	100
Chromium	51.2	mg/kg dry	2.1	30	6010B	1	SVD	02/20/07	1.52	100
Lead	725	mg/kg dry	104	300	6010B	10	SVD	02/21/07	1.52	100
Mercury	0.731	mg/kg dry	0.052	20	7471A	1	EEM	02/21/07	0.61	40
Selenium	ND	mg/kg dry	10.4	400	6010B	1	SVD	02/20/07	1.52	100
Silver	ND	mg/kg dry	1.04	100	6010B	1	SVD	02/20/07	1.52	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 51 Hofmann-(0-0.5)-100  
Date Sampled: 02/19/07 08:15  
Percent Solids: 63  
Initial Volume: 19.6  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-04  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

Analyte	Results	Units	MRL	SI Limit	DF	Analyzed
Aroclor 1016	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1221	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1232	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1242	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1248	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1254	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1260	5.87	mg/kg dry	0.81	2	10	02/22/07
Aroclor 1262	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1268	ND	mg/kg dry	0.08	2	1	02/21/07

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	92 %		30-150
Surrogate: Decachlorobiphenyl [2C]	108 %		30-150
Surrogate: Tetrachloro-m-xylene	100 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	100 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 51 Hofmann-(0-0.5)-150  
Date Sampled: 02/19/07 08:25  
Percent Solids: 67

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-05  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	10.3	mg/kg dry	9.3	20	6010B	1	SVD	02/20/07	1.61	100
Barium	165	mg/kg dry	46.3	1000	6010B	10	SVD	02/21/07	1.61	100
Cadmium	1.59	mg/kg dry	0.93	2	6010B	1	SVD	02/20/07	1.61	100
Chromium	38.8	mg/kg dry	1.8	30	6010B	1	SVD	02/20/07	1.61	100
Lead	395	mg/kg dry	92.8	300	6010B	10	SVD	02/21/07	1.61	100
Mercury	0.672	mg/kg dry	0.048	20	7471A	1	EEM	02/21/07	0.62	40
Selenium	ND	mg/kg dry	9.3	400	6010B	1	SVD	02/20/07	1.61	100
Silver	ND	mg/kg dry	0.93	100	6010B	1	SVD	02/20/07	1.61	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 51 Hofmann-(0-0.5)-150  
Date Sampled: 02/19/07 08:25  
Percent Solids: 67  
Initial Volume: 19.8  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-05  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1221	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1232	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1242	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1248	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1254	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1260	5.33	mg/kg dry	0.75	2	10	02/22/07
Aroclor 1262	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1268	ND	mg/kg dry	0.08	2	1	02/21/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	99 %		30-150
Surrogate: Decachlorobiphenyl [2C]	109 %		30-150
Surrogate: Tetrachloro-m-xylene	90 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	86 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 51 Hofmann-(0-0.5)-100-E  
Date Sampled: 02/19/07 08:15  
Percent Solids: 69

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-06  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	10.9	mg/kg dry	9.2	20	6010B	1	SVD	02/20/07	1.58	100
Barium	339	mg/kg dry	45.8	1000	6010B	10	SVD	02/21/07	1.58	100
Cadmium	13.4	mg/kg dry	0.92	2	6010B	1	SVD	02/20/07	1.58	100
Chromium	52.4	mg/kg dry	1.8	30	6010B	1	SVD	02/20/07	1.58	100
Lead	792	mg/kg dry	91.8	300	6010B	10	SVD	02/21/07	1.58	100
Mercury	0.676	mg/kg dry	0.047	20	7471A	1	EEM	02/21/07	0.62	40
Selenium	ND	mg/kg dry	9.2	400	6010B	1	SVD	02/20/07	1.58	100
Silver	ND	mg/kg dry	0.92	100	6010B	1	SVD	02/20/07	1.58	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 51 Hofmann-(0-0.5)-100-E  
Date Sampled: 02/19/07 08:15  
Percent Solids: 69  
Initial Volume: 20.2  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-06  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1221	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1232	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1242	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1248	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1254	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1260	4.86	mg/kg dry	0.72	2	10	02/22/07
Aroclor 1262	ND	mg/kg dry	0.07	2	1	02/21/07
Aroclor 1268	ND	mg/kg dry	0.07	2	1	02/21/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	96 %		30-150
Surrogate: Decachlorobiphenyl [2C]	109 %		30-150
Surrogate: Tetrachloro-m-xylene	94 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	89 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 41 Hofmann-(0-0.5)-200  
Date Sampled: 02/19/07 08:31  
Percent Solids: 62

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-07  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	10.8	20	6010B	1	SVD	02/20/07	1.5	100
Barium	128	mg/kg dry	53.7	1000	6010B	10	SVD	02/21/07	1.5	100
Cadmium	1.17	mg/kg dry	1.08	2	6010B	1	SVD	02/20/07	1.5	100
Chromium	28.5	mg/kg dry	2.1	30	6010B	1	SVD	02/20/07	1.5	100
Lead	228	mg/kg dry	108	300	6010B	10	SVD	02/21/07	1.5	100
Mercury	0.346	mg/kg dry	0.048	20	7471A	1	EEM	02/21/07	0.67	40
Selenium	ND	mg/kg dry	10.8	400	6010B	1	SVD	02/20/07	1.5	100
Silver	ND	mg/kg dry	1.08	100	6010B	1	SVD	02/20/07	1.5	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 41 Hofmann-(0-0.5)-200  
Date Sampled: 02/19/07 08:31  
Percent Solids: 62  
Initial Volume: 20.2  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-07  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1221	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1232	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1242	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1248	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1254	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1260	2.86	mg/kg dry	0.40	2	5	02/22/07
Aroclor 1262	ND	mg/kg dry	0.08	2	1	02/21/07
Aroclor 1268	ND	mg/kg dry	0.08	2	1	02/21/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	110 %		30-150
Surrogate: Decachlorobiphenyl [2C]	126 %		30-150
Surrogate: Tetrachloro-m-xylene	108 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	100 %		30-150



# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 41 Hofmann-(0-0.5)-250  
Date Sampled: 02/19/07 08:45  
Percent Solids: 58

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-08  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	14.9	mg/kg dry	11.1	20	6010B	1	SVD	02/20/07	1.55	100
Barium	1300	mg/kg dry	556	1000	6010B	100	SVD	02/21/07	1.55	100
Cadmium	17.0	mg/kg dry	1.11	2	6010B	1	SVD	02/20/07	1.55	100
Chromium	57.7	mg/kg dry	2.2	30	6010B	1	SVD	02/20/07	1.55	100
Lead	1730	mg/kg dry	1110	300	6010B	100	SVD	02/21/07	1.55	100
Mercury	0.931	mg/kg dry	0.047	20	7471A	1	EEM	02/21/07	0.73	40
Selenium	ND	mg/kg dry	11.1	400	6010B	1	SVD	02/20/07	1.55	100
Silver	ND	mg/kg dry	1.11	100	6010B	1	SVD	02/20/07	1.55	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 41 Hofmann-(0-0.5)-250  
Date Sampled: 02/19/07 08:45  
Percent Solids: 58  
Initial Volume: 20.5  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-08  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.08	2	1	02/22/07
<b>Aroclor 1260</b>	<b>1.32</b>	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1262	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.08	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	119 %		30-150
Surrogate: Decachlorobiphenyl [2C]	115 %		30-150
Surrogate: Tetrachloro-m-xylene	111 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	108 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 41 Hofmann-(0-0.5)-300  
Date Sampled: 02/19/07 08:51  
Percent Solids: 49

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-09  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	15.9	mg/kg dry	13.1	20	6010B	1	SVD	02/20/07	1.56	100
Barium	310	mg/kg dry	65.3	1000	6010B	10	SVD	02/21/07	1.56	100
Cadmium	4.02	mg/kg dry	1.31	2	6010B	1	SVD	02/20/07	1.56	100
Chromium	32.8	mg/kg dry	2.6	30	6010B	1	SVD	02/20/07	1.56	100
Lead	350	mg/kg dry	131	300	6010B	10	SVD	02/21/07	1.56	100
Mercury	0.395	mg/kg dry	0.066	20	7471A	1	EEM	02/21/07	0.62	40
Selenium	ND	mg/kg dry	13.1	400	6010B	1	SVD	02/20/07	1.56	100
Silver	ND	mg/kg dry	1.31	100	6010B	1	SVD	02/20/07	1.56	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 41 Hofmann-(0-0.5)-300  
Date Sampled: 02/19/07 08:51  
Percent Solids: 49  
Initial Volume: 20.6  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-09  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.10	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.10	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.10	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.10	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.10	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.10	2	1	02/22/07
Aroclor 1260	0.70	mg/kg dry	0.10	2	1	02/22/07
Aroclor 1262	ND	mg/kg dry	0.10	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.10	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	109 %		30-150
Surrogate: Decachlorobiphenyl [2C]	103 %		30-150
Surrogate: Tetrachloro-m-xylene	103 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	99 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 33 Hofmann-(0-0.5)-350  
Date Sampled: 02/19/07 09:00  
Percent Solids: 75

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-10  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	8.7	20	6010B	1	SVD	02/20/07	1.54	100
Barium	43.6	mg/kg dry	4.3	1000	6010B	1	SVD	02/20/07	1.54	100
Cadmium	ND	mg/kg dry	0.87	2	6010B	1	SVD	02/20/07	1.54	100
Chromium	19.4	mg/kg dry	1.7	30	6010B	1	SVD	02/20/07	1.54	100
Lead	127	mg/kg dry	43.3	300	6010B	5	SVD	02/21/07	1.54	100
Mercury	0.072	mg/kg dry	0.044	20	7471A	1	EEM	02/21/07	0.6	40
Selenium	ND	mg/kg dry	8.7	400	6010B	1	SVD	02/20/07	1.54	100
Silver	ND	mg/kg dry	0.87	100	6010B	1	SVD	02/20/07	1.54	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 33 Hofmann-(0-0.5)-350  
Date Sampled: 02/19/07 09:00  
Percent Solids: 75  
Initial Volume: 20.7  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-10  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.06	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.06	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.06	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.06	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.06	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.06	2	1	02/22/07
<b>Aroclor 1260</b>	<b>0.15</b>	mg/kg dry	0.06	2	1	02/22/07
Aroclor 1262	ND	mg/kg dry	0.06	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.06	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	108 %		30-150
Surrogate: Decachlorobiphenyl [2C]	97 %		30-150
Surrogate: Tetrachloro-m-xylene	104 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	101 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 33 Hofmann-(0-0.5)-400  
Date Sampled: 02/19/07 09:05  
Percent Solids: 67

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-11  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	9.1	20	6010B	1	SVD	02/20/07	1.65	100
Barium	99.4	mg/kg dry	22.6	1000	6010B	5	SVD	02/21/07	1.65	100
Cadmium	0.97	mg/kg dry	0.91	2	6010B	1	SVD	02/20/07	1.65	100
Chromium	28.5	mg/kg dry	1.8	30	6010B	1	SVD	02/20/07	1.65	100
Lead	183	mg/kg dry	45.3	300	6010B	5	SVD	02/21/07	1.65	100
Mercury	0.301	mg/kg dry	0.045	20	7471A	1	EEM	02/21/07	0.67	40
Selenium	ND	mg/kg dry	9.1	400	6010B	1	SVD	02/20/07	1.65	100
Silver	ND	mg/kg dry	0.91	100	6010B	1	SVD	02/20/07	1.65	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 33 Hofmann-(0-0.5)-400  
Date Sampled: 02/19/07 09:05  
Percent Solids: 67  
Initial Volume: 20  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-11  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1260	3.76	mg/kg dry	0.37	2	5	02/22/07
Aroclor 1262	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.07	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	114 %		30-150
Surrogate: Decachlorobiphenyl [2C]	120 %		30-150
Surrogate: Tetrachloro-m-xylene	105 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	95 %		30-150



# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 31 Hofmann-(0-0.5)-450  
Date Sampled: 02/19/07 09:15  
Percent Solids: 56

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-12  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	11.8	20	6010B	1	SVD	02/20/07	1.52	100
Barium	57.9	mg/kg dry	5.9	1000	6010B	1	SVD	02/20/07	1.52	100
Cadmium	ND	mg/kg dry	1.18	2	6010B	1	SVD	02/20/07	1.52	100
Chromium	17.3	mg/kg dry	2.3	30	6010B	1	SVD	02/20/07	1.52	100
Lead	64.4	mg/kg dry	11.8	300	6010B	1	SVD	02/20/07	1.52	100
Mercury	0.159	mg/kg dry	0.052	20	7471A	1	EEM	02/21/07	0.68	40
Selenium	ND	mg/kg dry	11.8	400	6010B	1	SVD	02/20/07	1.52	100
Silver	ND	mg/kg dry	1.18	100	6010B	1	SVD	02/20/07	1.52	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 31 Hofmann-(0-0.5)-450  
Date Sampled: 02/19/07 09:15  
Percent Solids: 56  
Initial Volume: 20  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-12  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.09	2	1	02/22/07
<b>Aroclor 1260</b>	<b>0.47</b>	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1262	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.09	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	99 %		30-150
Surrogate: Decachlorobiphenyl [2C]	94 %		30-150
Surrogate: Tetrachloro-m-xylene	97 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	88 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 31 Hofmann-(0-0.5)-500  
Date Sampled: 02/19/07 09:19  
Percent Solids: 68

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-13  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	9.5	20	6010B	1	SVD	02/20/07	1.55	100
Barium	64.0	mg/kg dry	4.7	1000	6010B	1	SVD	02/20/07	1.55	100
Cadmium	1.04	mg/kg dry	0.95	2	6010B	1	SVD	02/20/07	1.55	100
Chromium	24.0	mg/kg dry	1.9	30	6010B	1	SVD	02/20/07	1.55	100
Lead	161	mg/kg dry	47.5	300	6010B	5	SVD	02/21/07	1.55	100
Mercury	0.307	mg/kg dry	0.044	20	7471A	1	EEM	02/21/07	0.67	40
Selenium	ND	mg/kg dry	9.5	400	6010B	1	SVD	02/20/07	1.55	100
Silver	ND	mg/kg dry	0.95	100	6010B	1	SVD	02/20/07	1.55	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 31 Hofmann-(0-0.5)-500  
Date Sampled: 02/19/07 09:19  
Percent Solids: 68  
Initial Volume: 20.4  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-13  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1260	2.13	mg/kg dry	0.36	2	5	02/22/07
Aroclor 1262	ND	mg/kg dry	0.07	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.07	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	128 %		30-150
Surrogate: Decachlorobiphenyl [2C]	135 %		30-150
Surrogate: Tetrachloro-m-xylene	120 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	107 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 27/29 Hofmann-(0-0.5)-550  
Date Sampled: 02/19/07 09:45  
Percent Solids: 61

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-14  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	14.9	mg/kg dry	10.9	20	6010B	1	SVD	02/20/07	1.51	100
Barium	139	mg/kg dry	54.2	1000	6010B	10	SVD	02/21/07	1.51	100
Cadmium	3.63	mg/kg dry	1.09	2	6010B	1	SVD	02/20/07	1.51	100
Chromium	38.8	mg/kg dry	2.2	30	6010B	1	SVD	02/20/07	1.51	100
Lead	465	mg/kg dry	109	300	6010B	10	SVD	02/21/07	1.51	100
Mercury	0.511	mg/kg dry	0.053	20	7471A	1	EEM	02/21/07	0.62	40
Selenium	ND	mg/kg dry	10.9	400	6010B	1	SVD	02/20/07	1.51	100
Silver	ND	mg/kg dry	1.09	100	6010B	1	SVD	02/20/07	1.51	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 27/29 Hofmann-(0-0.5)-550  
Date Sampled: 02/19/07 09:45  
Percent Solids: 61  
Initial Volume: 20.3  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-14  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1260	2.37	mg/kg dry	0.40	2	5	02/22/07
Aroclor 1262	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.08	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	113 %		30-150
Surrogate: Decachlorobiphenyl [2C]	102 %		30-150
Surrogate: Tetrachloro-m-xylene	103 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	95 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 27/29 Hofmann-(0-0.5)-550-E  
Date Sampled: 02/19/07 09:45  
Percent Solids: 62

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-15  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	16.7	mg/kg dry	10.1	20	6010B	1	SVD	02/20/07	1.6	100
Barium	138	mg/kg dry	50.4	1000	6010B	10	SVD	02/21/07	1.6	100
Cadmium	3.22	mg/kg dry	1.01	2	6010B	1	SVD	02/20/07	1.6	100
Chromium	31.1	mg/kg dry	2.0	30	6010B	1	SVD	02/20/07	1.6	100
Lead	383	mg/kg dry	101	300	6010B	10	SVD	02/21/07	1.6	100
Mercury	0.528	mg/kg dry	0.053	20	7471A	1	EEM	02/21/07	0.61	40
Selenium	ND	mg/kg dry	10.1	400	6010B	1	SVD	02/20/07	1.6	100
Silver	ND	mg/kg dry	1.01	100	6010B	1	SVD	02/20/07	1.6	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 27/29 Hofmann-(0-0.5)-550-E  
Date Sampled: 02/19/07 09:45  
Percent Solids: 62  
Initial Volume: 19.9  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-15  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1260	2.29	mg/kg dry	0.41	2	5	02/22/07
Aroclor 1262	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.08	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	144 %		30-150
Surrogate: Decachlorobiphenyl [2C]	129 %		30-150
Surrogate: Tetrachloro-m-xylene	116 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	110 %		30-150



# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 25 Hofmann-(0-0.5)-600  
Date Sampled: 02/19/07 09:55  
Percent Solids: 62

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-16  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	10.3	20	6010B	1	SVD	02/20/07	1.57	100
Barium	70.9	mg/kg dry	5.1	1000	6010B	1	SVD	02/20/07	1.57	100
Cadmium	ND	mg/kg dry	1.03	2	6010B	1	SVD	02/20/07	1.57	100
Chromium	16.6	mg/kg dry	2.0	30	6010B	1	SVD	02/20/07	1.57	100
Lead	182	mg/kg dry	51.4	300	6010B	5	SVD	02/21/07	1.57	100
Mercury	0.200	mg/kg dry	0.054	20	7471A	1	EEM	02/21/07	0.6	40
Selenium	ND	mg/kg dry	10.3	400	6010B	1	SVD	02/20/07	1.57	100
Silver	ND	mg/kg dry	1.03	100	6010B	1	SVD	02/20/07	1.57	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 25 Hofmann-(0-0.5)-600  
Date Sampled: 02/19/07 09:55  
Percent Solids: 62  
Initial Volume: 20.1  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-16  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1260	0.56	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1262	ND	mg/kg dry	0.08	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.08	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	114 %		30-150
Surrogate: Decachlorobiphenyl [2C]	100 %		30-150
Surrogate: Tetrachloro-m-xylene	103 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	101 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 21 Hofmann-(0-0.5)-650  
Date Sampled: 02/19/07 10:15  
Percent Solids: 45

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-17  
Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	mg/kg dry	14.8	20	6010B	1	SVD	02/20/07	1.5	100
Barium	96.8	mg/kg dry	7.4	1000	6010B	1	SVD	02/20/07	1.5	100
Cadmium	3.20	mg/kg dry	1.48	2	6010B	1	SVD	02/20/07	1.5	100
Chromium	47.8	mg/kg dry	3.0	30	6010B	1	SVD	02/20/07	1.5	100
Lead	452	mg/kg dry	74.1	300	6010B	5	SVD	02/21/07	1.5	100
Mercury	0.929	mg/kg dry	0.074	20	7471A	1	EEM	02/21/07	0.6	40
Selenium	ND	mg/kg dry	14.8	400	6010B	1	SVD	02/20/07	1.5	100
Silver	ND	mg/kg dry	1.48	100	6010B	1	SVD	02/20/07	1.5	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 21 Hofmann-(0-0.5)-650  
Date Sampled: 02/19/07 10:15  
Percent Solids: 45  
Initial Volume: 19.8  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-17  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.11	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.11	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.11	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.11	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.11	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.11	2	1	02/22/07
Aroclor 1260	2.70	mg/kg dry	0.56	2	5	02/22/07
Aroclor 1262	ND	mg/kg dry	0.11	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.11	2	1	02/22/07

<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
101 %		30-150
119 %		30-150
98 %		30-150
97 %		30-150

Surrogate: Decachlorobiphenyl  
Surrogate: Decachlorobiphenyl [2C]  
Surrogate: Tetrachloro-m-xylene  
Surrogate: Tetrachloro-m-xylene [2C]

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.

Client Project ID: Tombarello & Sons

Client Sample ID: 19 Hofmann-(0-0.5)-700

Date Sampled: 02/19/07 10:25

Percent Solids: 56

ESS Laboratory Work Order: 0702235

ESS Laboratory Sample ID: 0702235-18

Sample Matrix: Soil

### 3050B/6000/7000 Total Metals

Analyte	Results	Units	MRL	SI Limit	Method	DF	Analyst	Analyzed	I/V	F/V
Arsenic	ND	mg/kg dry	11.6	20	6010B	1	SVD	02/20/07	1.54	100
Barium	63.4	mg/kg dry	5.8	1000	6010B	1	SVD	02/20/07	1.54	100
Cadmium	ND	mg/kg dry	1.16	2	6010B	1	SVD	02/20/07	1.54	100
Chromium	27.1	mg/kg dry	2.3	30	6010B	1	SVD	02/20/07	1.54	100
Lead	115	mg/kg dry	58.0	300	6010B	5	SVD	02/21/07	1.54	100
Mercury	0.337	mg/kg dry	0.056	20	7471A	1	EEM	02/21/07	0.64	40
Selenium	ND	mg/kg dry	11.6	400	6010B	1	SVD	02/20/07	1.54	100
Silver	ND	mg/kg dry	1.16	100	6010B	1	SVD	02/20/07	1.54	100

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: 19 Hofmann-(0-0.5)-700  
Date Sampled: 02/19/07 10:25  
Percent Solids: 56  
Initial Volume: 20.1  
Final Volume: 10  
Extraction Method: 3541

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-18  
Sample Matrix: Soil  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1221	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1232	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1242	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1248	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1254	ND	mg/kg dry	0.09	2	1	02/22/07
<b>Aroclor 1260</b>	<b>0.72</b>	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1262	ND	mg/kg dry	0.09	2	1	02/22/07
Aroclor 1268	ND	mg/kg dry	0.09	2	1	02/22/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	125 %		30-150
Surrogate: Decachlorobiphenyl [2C]	119 %		30-150
Surrogate: Tetrachloro-m-xylene	113 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	112 %		30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: RB-021907-02  
Date Sampled: 02/19/07 10:30  
Percent Solids: N/A

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-19  
Sample Matrix: Aqueous

### 3005A/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>S1 Limit</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Arsenic	ND	ug/L	25	10	6010B	1	SVD	02/21/07	100	50
Barium	ND	ug/L	25	2000	6010B	1	SVD	02/21/07	100	50
Cadmium	ND	ug/L	2	5	6010B	1	SVD	02/21/07	100	50
Chromium	ND	ug/L	10	100	6010B	1	SVD	02/21/07	100	50
Lead	ND	ug/L	25	15	6010B	1	SVD	02/21/07	100	50
Mercury	ND	ug/L	0.5	2	7470A	1	SVD	02/23/07	20	40
Selenium	ND	ug/L	25	50	6010B	1	SVD	02/21/07	100	50
Silver	ND	ug/L	2	100	6010B	1	SVD	02/21/07	100	50

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons  
Client Sample ID: RB-021907-02  
Date Sampled: 02/19/07 10:30  
Percent Solids: N/A  
Initial Volume: 1000  
Final Volume: 1  
Extraction Method: 3510C

ESS Laboratory Work Order: 0702235  
ESS Laboratory Sample ID: 0702235-19  
Sample Matrix: Aqueous  
Analyst: SEP  
Prepared: 02/21/07

### 8082 Polychlorinated Biphenyls (PCB)

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>SI Limit</u>	<u>DF</u>	<u>Analyzed</u>
Aroclor 1016	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1221	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1232	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1242	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1248	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1254	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1260	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1262	ND	ug/L	0.10	0.5	1	02/21/07
Aroclor 1268	ND	ug/L	0.10	0.5	1	02/21/07

	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>
Surrogate: Decachlorobiphenyl	65 %		30-150
Surrogate: Decachlorobiphenyl [2C]	61 %		30-150
Surrogate: Tetrachloro-m-xylene	81 %		30-150
Surrogate: Tetrachloro-m-xylene [2C]	80 %		30-150



# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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#### 3005A/6000/7000 Total Metals

##### Batch BB72029 - 3005A

Blank										
Arsenic	ND	25	ug/L							
Barium	ND	25	ug/L							
Cadmium	ND	2	ug/L							
Chromium	ND	10	ug/L							
Lead	ND	25	ug/L							
Selenium	ND	25	ug/L							
Silver	ND	2	ug/L							

LCS										
Arsenic	245	25	ug/L	250		98	80-120			
Barium	251	25	ug/L	250		100	80-120			
Cadmium	120	2	ug/L	125		96	80-120			
Chromium	250	10	ug/L	250		100	80-120			
Lead	256	25	ug/L	250		102	80-120			
Selenium	483	25	ug/L	500		97	80-120			
Silver	125	2	ug/L	125		100	80-120			

LCS Dup										
Arsenic	245	25	ug/L	250		98	80-120	0	20	
Barium	251	25	ug/L	250		100	80-120	0	20	
Cadmium	123	2	ug/L	125		98	80-120	2	20	
Chromium	253	10	ug/L	250		101	80-120	1	20	
Lead	256	25	ug/L	250		102	80-120	0	20	
Selenium	486	25	ug/L	500		97	80-120	0	20	
Silver	126	2	ug/L	125		101	80-120	0.8	20	

##### Batch BB72308 - 245.1/7470A

Blank										
Mercury	ND	0.5	ug/L							

LCS										
Mercury	6.33	0.5	ug/L	6.00		106	80-120			

LCS Dup										
Mercury	6.08	0.5	ug/L	6.00		101	80-120	5	20	

#### 3050B/6000/7000 Total Metals

##### Batch BB72018 - 3050B

Blank										
Arsenic	ND	6.7	mg/kg wet							
Barium	ND	3.3	mg/kg wet							
Cadmium	ND	0.67	mg/kg wet							
Chromium	ND	1.3	mg/kg wet							
Lead	ND	6.7	mg/kg wet							
Selenium	ND	6.7	mg/kg wet							
Silver	ND	0.67	mg/kg wet							

LCS										
Arsenic	32.4	6.7	mg/kg wet	33.3		97	80-120			
Barium	33.1	3.3	mg/kg wet	33.3		99	80-120			

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
<b>3050B/6000/7000 Total Metals</b>										
<b>Batch BB72018 - 3050B</b>										
Cadmium	15.9	0.67	mg/kg wet	16.7		95	80-120			
Chromium	33.2	1.3	mg/kg wet	33.3		100	80-120			
Lead	33.4	6.7	mg/kg wet	33.3		100	80-120			
Selenium	62.1	6.7	mg/kg wet	66.7		93	80-120			
Silver	16.1	0.67	mg/kg wet	16.7		96	80-120			
<b>LCS Dup</b>										
Arsenic	32.4	6.7	mg/kg wet	33.3		97	80-120	0	20	
Barium	33.2	3.3	mg/kg wet	33.3		100	80-120	1	20	
Cadmium	16.0	0.67	mg/kg wet	16.7		96	80-120	1	20	
Chromium	33.4	1.3	mg/kg wet	33.3		100	80-120	0	20	
Lead	33.6	6.7	mg/kg wet	33.3		101	80-120	0.6	20	
Selenium	61.8	6.7	mg/kg wet	66.7		93	80-120	0	20	
Silver	16.2	0.67	mg/kg wet	16.7		97	80-120	0.6	20	
<b>Duplicate Source: 0702235-07</b>										
Arsenic	11.3	10.6	mg/kg dry		9.0			23	35	
Barium	123	53.0	mg/kg dry		128			4	35	
Cadmium	1.43	1.06	mg/kg dry		1.17			20	35	
Chromium	25.7	2.1	mg/kg dry		28.5			10	35	
Lead	265	106	mg/kg dry		228			15	35	
Selenium	ND	10.6	mg/kg dry		ND				35	
Silver	ND	1.06	mg/kg dry		ND				35	
<b>Duplicate Source: 0702235-18</b>										
Arsenic	6.37	11.7	mg/kg dry		6.5			2	35	
Barium	70.1	5.8	mg/kg dry		63.4			10	35	
Cadmium	0.733	1.17	mg/kg dry		1.02			33	35	
Chromium	31.7	2.3	mg/kg dry		27.1			16	35	
Lead	134	58.4	mg/kg dry		115			15	35	
Selenium	ND	11.7	mg/kg dry		ND				35	
Silver	ND	1.17	mg/kg dry		ND				35	
<b>Matrix Spike Source: 0702235-07</b>										
Arsenic	59.5	10.5	mg/kg dry	52.7	9.0	96	75-125			
Barium	171	52.7	mg/kg dry	52.7	128	82	75-125			
Cadmium	24.4	1.05	mg/kg dry	26.4	1.17	88	75-125			
Chromium	79.1	2.1	mg/kg dry	52.7	28.5	96	75-125			
Lead	315	105	mg/kg dry	52.7	228	165	75-125			+
Selenium	95.8	10.5	mg/kg dry	105	ND	91	75-125			
Silver	24.4	1.05	mg/kg dry	26.4	ND	92	75-125			
<b>Matrix Spike Source: 0702235-18</b>										
Arsenic	60.2	11.4	mg/kg dry	56.9	6.5	94	75-125			
Barium	133	5.7	mg/kg dry	56.9	63.4	122	75-125			
Cadmium	24.8	1.14	mg/kg dry	28.4	1.02	84	75-125			
Chromium	99.2	2.3	mg/kg dry	56.9	27.1	127	75-125			+
Lead	179	56.9	mg/kg dry	56.9	115	112	75-125			
Selenium	100	11.4	mg/kg dry	114	ND	88	75-125			
Silver	25.8	1.14	mg/kg dry	28.4	ND	91	75-125			

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.

Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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#### 3050B/6000/7000 Total Metals

##### Batch BB72018 - 3050B

###### Reference

Arsenic	74.1	10.0	mg/kg wet	80.9		92	79.73-120.27			
Barium	142	5.0	mg/kg wet	156		91	82.05-117.95			
Cadmium	197	1.00	mg/kg wet	233		85	80.69-118.88			
Chromium	51.8	2.0	mg/kg wet	60.8		85	78.45-121.38			
Lead	72.0	10.0	mg/kg wet	76.8		94	80.6-119.53			
Selenium	75.6	10.0	mg/kg wet	82.9		91	75.51-124.25			
Silver	75.6	1.00	mg/kg wet	80.0		94	61.25-138.75			

##### Batch BB72020 - 7471A

###### Blank

Mercury	ND	0.033	mg/kg wet							
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###### LCS

Mercury	0.200	0.033	mg/kg wet	0.200		100	80-120			
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###### LCS Dup

Mercury	0.201	0.033	mg/kg wet	0.200		100	80-120	0	20	
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###### Duplicate Source: 0702235-07

Mercury	0.434	0.054	mg/kg dry		0.346			23	35	
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###### Matrix Spike Source: 0702235-07

Mercury	0.764	0.047	mg/kg dry	0.281	0.346	149	75-125			+
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###### Matrix Spike Dup Source: 0702235-07

Mercury	0.799	0.050	mg/kg dry	0.302	0.346	150	75-125	0.7	35	+
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###### Reference

Mercury	3.83	0.328	mg/kg wet	3.60		106	68.06-131.94			
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#### 8082 Polychlorinated Biphenyls (PCB)

##### Batch BB72101 - 3541

###### Blank

Aroclor 1016	ND	0.05	mg/kg wet							
Aroclor 1016 (1)	ND	0.05	mg/kg wet							
Aroclor 1016 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1016 (2)	ND	0.05	mg/kg wet							
Aroclor 1016 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1016 (3)	ND	0.05	mg/kg wet							
Aroclor 1016 (3) [2C]	ND	0.05	mg/kg wet							
Aroclor 1016 (4)	ND	0.05	mg/kg wet							
Aroclor 1016 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1016 (5)	ND	0.05	mg/kg wet							
Aroclor 1016 (5) [2C]	ND	0.05	mg/kg wet							
Aroclor 1221	ND	0.05	mg/kg wet							
Aroclor 1221 (1)	ND	0.05	mg/kg wet							
Aroclor 1221 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1221 (2)	ND	0.05	mg/kg wet							
Aroclor 1221 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1221 (3)	ND	0.05	mg/kg wet							
Aroclor 1221 (3) [2C]	ND	0.05	mg/kg wet							

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-----------

#### 8082 Polychlorinated Biphenyls (PCB)

##### Batch BB72101 - 3541

Aroclor 1221 (4)	ND	0.05	mg/kg wet							
Aroclor 1221 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1221 (5)	ND	0.05	mg/kg wet							
Aroclor 1221 (5) [2C]	ND	0.05	mg/kg wet							
Aroclor 1232	ND	0.05	mg/kg wet							
Aroclor 1232 (1)	ND	0.05	mg/kg wet							
Aroclor 1232 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1232 (2)	ND	0.05	mg/kg wet							
Aroclor 1232 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1232 (3)	ND	0.05	mg/kg wet							
Aroclor 1232 (3) [2C]	ND	0.05	mg/kg wet							
Aroclor 1232 (4)	ND	0.05	mg/kg wet							
Aroclor 1232 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1232 (5)	ND	0.05	mg/kg wet							
Aroclor 1232 (5) [2C]	ND	0.05	mg/kg wet							
Aroclor 1242	ND	0.05	mg/kg wet							
Aroclor 1242 (1)	ND	0.05	mg/kg wet							
Aroclor 1242 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1242 (2)	ND	0.05	mg/kg wet							
Aroclor 1242 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1242 (3)	ND	0.05	mg/kg wet							
Aroclor 1242 (3) [2C]	ND	0.05	mg/kg wet							
Aroclor 1242 (4)	ND	0.05	mg/kg wet							
Aroclor 1242 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1242 (5)	ND	0.05	mg/kg wet							
Aroclor 1242 (5) [2C]	ND	0.05	mg/kg wet							
Aroclor 1248	ND	0.05	mg/kg wet							
Aroclor 1248 (1)	ND	0.05	mg/kg wet							
Aroclor 1248 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1248 (2)	ND	0.05	mg/kg wet							
Aroclor 1248 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1248 (3)	ND	0.05	mg/kg wet							
Aroclor 1248 (3) [2C]	ND	0.05	mg/kg wet							
Aroclor 1248 (4)	ND	0.05	mg/kg wet							
Aroclor 1248 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1248 (5)	ND	0.05	mg/kg wet							
Aroclor 1248 (5) [2C]	ND	0.05	mg/kg wet							
Aroclor 1254	ND	0.05	mg/kg wet							
Aroclor 1254 (1)	ND	0.05	mg/kg wet							
Aroclor 1254 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1254 (2)	ND	0.05	mg/kg wet							
Aroclor 1254 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1254 (3)	ND	0.05	mg/kg wet							
Aroclor 1254 (3) [2C]	ND	0.05	mg/kg wet							
Aroclor 1254 (4)	ND	0.05	mg/kg wet							
Aroclor 1254 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1254 (5)	ND	0.05	mg/kg wet							

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-----------

#### 8082 Polychlorinated Biphenyls (PCB)

##### Batch BB72101 - 3541

Aroclor 1254 (5) [2C]	ND	0.05	mg/kg wet							
Aroclor 1260	ND	0.05	mg/kg wet							
Aroclor 1260 (1)	ND	0.05	mg/kg wet							
Aroclor 1260 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1260 (2)	ND	0.05	mg/kg wet							
Aroclor 1260 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1260 (3)	ND	0.05	mg/kg wet							
Aroclor 1260 (3) [2C]	ND	0.05	mg/kg wet							
Aroclor 1260 (4)	ND	0.05	mg/kg wet							
Aroclor 1260 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1260 (5)	ND	0.05	mg/kg wet							
Aroclor 1260 (5) [2C]	ND	0.05	mg/kg wet							
Aroclor 1262	ND	0.05	mg/kg wet							
Aroclor 1262 (1)	ND	0.05	mg/kg wet							
Aroclor 1262 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1262 (2)	ND	0.05	mg/kg wet							
Aroclor 1262 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1262 (3)	ND	0.05	mg/kg wet							
Aroclor 1262 (3) [2C]	ND	0.05	mg/kg wet							
Aroclor 1262 (4)	ND	0.05	mg/kg wet							
Aroclor 1262 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1262 (5)	ND	0.05	mg/kg wet							
Aroclor 1262 (5) [2C]	ND	0.05	mg/kg wet							
Aroclor 1268	ND	0.05	mg/kg wet							
Aroclor 1268 (1)	ND	0.05	mg/kg wet							
Aroclor 1268 (1) [2C]	ND	0.05	mg/kg wet							
Aroclor 1268 (2)	ND	0.05	mg/kg wet							
Aroclor 1268 (2) [2C]	ND	0.05	mg/kg wet							
Aroclor 1268 (3)	ND	0.05	mg/kg wet							
Aroclor 1268 (3) [2C]	ND	0.05	mg/kg wet							
Aroclor 1268 (4)	ND	0.05	mg/kg wet							
Aroclor 1268 (4) [2C]	ND	0.05	mg/kg wet							
Aroclor 1268 (5)	ND	0.05	mg/kg wet							
Aroclor 1268 (5) [2C]	ND	0.05	mg/kg wet							

Surrogate: Decachlorobiphenyl	0.0239		mg/kg wet	0.0250	96	30-150
Surrogate: Decachlorobiphenyl [2C]	0.0244		mg/kg wet	0.0250	98	30-150
Surrogate: Tetrachloro-m-xylene	0.0237		mg/kg wet	0.0250	95	30-150
Surrogate: Tetrachloro-m-xylene [2C]	0.0238		mg/kg wet	0.0250	95	30-150

LCS										
Aroclor 1016	0.46	0.05	mg/kg wet	0.500	92	40-140				
Aroclor 1260	0.43	0.05	mg/kg wet	0.500	86	40-140				

Surrogate: Decachlorobiphenyl	0.0237		mg/kg wet	0.0250	95	30-150
Surrogate: Decachlorobiphenyl [2C]	0.0244		mg/kg wet	0.0250	98	30-150
Surrogate: Tetrachloro-m-xylene	0.0227		mg/kg wet	0.0250	91	30-150
Surrogate: Tetrachloro-m-xylene [2C]	0.0229		mg/kg wet	0.0250	92	30-150

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
<b>8082 Polychlorinated Biphenyls (PCB)</b>										
<b>Batch BB72101 - 3541</b>										
<b>LCS Dup</b>										
Aroclor 1016	0.49	0.05	mg/kg wet	0.500		98	40-140	6	50	
Aroclor 1260	0.45	0.05	mg/kg wet	0.500		90	40-140	5	50	
Surrogate: Decachlorobiphenyl	0.0249		mg/kg wet	0.0250		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.0255		mg/kg wet	0.0250		102	30-150			
Surrogate: Tetrachloro-m-xylene	0.0246		mg/kg wet	0.0250		98	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.0249		mg/kg wet	0.0250		100	30-150			
<b>Matrix Spike Source: 0702235-07</b>										
Aroclor 1016	0.86	0.08	mg/kg dry	0.795	ND	108	40-140			
Aroclor 1260	3.32	0.40	mg/kg dry	0.795	2.86	58	40-140			
Surrogate: Decachlorobiphenyl	0.0408		mg/kg dry	0.0397		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.0461		mg/kg dry	0.0397		116	30-150			
Surrogate: Tetrachloro-m-xylene	0.0414		mg/kg dry	0.0397		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.0396		mg/kg dry	0.0397		100	30-150			
<b>Matrix Spike Source: 0702235-07</b>										
Aroclor 1016	0.93	0.40	mg/kg dry	0.795	ND	117	40-140			
Aroclor 1260	3.32	0.40	mg/kg dry	0.795	2.86	58	40-140			
Surrogate: Decachlorobiphenyl	0.0461		mg/kg dry	0.0397		116	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.0521		mg/kg dry	0.0397		131	30-150			
Surrogate: Tetrachloro-m-xylene	0.0423		mg/kg dry	0.0397		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.0424		mg/kg dry	0.0397		107	30-150			
<b>Matrix Spike Dup Source: 0702235-07</b>										
Aroclor 1016	0.86	0.08	mg/kg dry	0.791	ND	109	40-140	0	50	
Aroclor 1260	3.39	0.40	mg/kg dry	0.791	2.86	67	40-140	2	50	
Surrogate: Decachlorobiphenyl	0.0434		mg/kg dry	0.0395		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.0472		mg/kg dry	0.0395		119	30-150			
Surrogate: Tetrachloro-m-xylene	0.0418		mg/kg dry	0.0395		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.0398		mg/kg dry	0.0395		101	30-150			
<b>Matrix Spike Dup Source: 0702235-07</b>										
Aroclor 1016	0.93	0.40	mg/kg dry	0.791	ND	118	40-140	0	50	
Aroclor 1260	3.39	0.40	mg/kg dry	0.791	2.86	67	40-140	2	50	
Surrogate: Decachlorobiphenyl	0.0455		mg/kg dry	0.0395		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.0500		mg/kg dry	0.0395		127	30-150			
Surrogate: Tetrachloro-m-xylene	0.0418		mg/kg dry	0.0395		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.0420		mg/kg dry	0.0395		106	30-150			
<b>Batch BB72107 - 3510C</b>										
<b>Blank</b>										
Aroclor 1016	ND	0.10	ug/L							
Aroclor 1221	ND	0.10	ug/L							
Aroclor 1232	ND	0.10	ug/L							
Aroclor 1242	ND	0.10	ug/L							
Aroclor 1248	ND	0.10	ug/L							

# ESS Laboratory

Division of Thielsch Engineering, Inc.

## CERTIFICATE OF ANALYSIS

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
<b>8082 Polychlorinated Biphenyls (PCB)</b>										
<b>Batch BB72107 - 3510C</b>										
Arodor 1254	ND	0.10	ug/L							
Arodor 1260	ND	0.10	ug/L							
Arodor 1262	ND	0.10	ug/L							
Arodor 1268	ND	0.10	ug/L							
Surrogate: Decachlorobiphenyl	0.0421		ug/L	0.0500		84	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.0424		ug/L	0.0500		85	30-150			
Surrogate: Tetrachloro-m-xylene	0.0433		ug/L	0.0500		87	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.0416		ug/L	0.0500		83	30-150			
<b>LCS</b>										
Arodor 1016	1.0	0.10	ug/L	1.00		100	40-140			
Arodor 1260	0.9	0.10	ug/L	1.00		90	40-140			
Surrogate: Decachlorobiphenyl	0.0476		ug/L	0.0500		95	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.0489		ug/L	0.0500		98	30-150			
Surrogate: Tetrachloro-m-xylene	0.0458		ug/L	0.0500		92	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.0453		ug/L	0.0500		91	30-150			
<b>LCS Dup</b>										
Arodor 1016	1.0	0.10	ug/L	1.00		100	40-140	0	20	
Arodor 1260	1.0	0.10	ug/L	1.00		100	40-140	11	20	
Surrogate: Decachlorobiphenyl	0.0526		ug/L	0.0500		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.0542		ug/L	0.0500		108	30-150			
Surrogate: Tetrachloro-m-xylene	0.0479		ug/L	0.0500		96	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.0476		ug/L	0.0500		95	30-150			

# ESS Laboratory

*Division of Thielsch Engineering, Inc.*

## *CERTIFICATE OF ANALYSIS*

Client Name: Weston Solutions, Inc.  
Client Project ID: Tombarello & Sons

ESS Laboratory Work Order: 0702235

### **Notes and Definitions**

- U Analyte included in the analysis, but not detected
- D Diluted.
- + Outside QC Limits.
- ND Analyte NOT DETECTED above the detection limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- MDL Method Detection Limit
- MRL Method Reporting Limit
- mg/kg Results reported as wet weight
- TCLP Toxicity Characteristic Leachate Procedure
- I/V Initial Volume
- F/V Final Volume
- § Subcontracted analysis; see attached report
- TIC A forward library search of the NBS Mass Spectral Library was performed on this sample using the McLafferty Probability Base Matching (PBM) Algorithm. An estimated concentration of non-TCL compounds tentatively identified is quantified by the internal standard method. The nearest internal standard free of interferences was used to quantify. A response factor of one was assumed. This search was inclusive of the ten largest peaks greater than ten percent of the nearest internal standard.
- 1 Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
- 2 Range result excludes concentrations of target analytes eluting in that range.
- 3 Range result excludes the concentration of the C9-C10 aromatic range.
- Avg Results reported as a mathematical average.
- NR No Recovery
- ¶ The state of RI does not grant certification for this method for non-potables.



# ESS Laboratory

*Division of Thielsch Engineering, Inc.*

## *CERTIFICATE OF ANALYSIS*

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ESS Laboratory Work Order: 0702235

## **ESS LABORATORY CERTIFICATIONS**

U.S. Army Corps of Engineers  
Soil and Water

Navy Installation Restoration QA Program  
Soil and Water

Rhode Island: A-179

Connecticut: PH-0750

Maine: RI002

Massachusetts: M-RI002

New Hampshire (NELAP accredited): 242405  
Potable Water  
Non Potable Water

New York (NELAP accredited): 11313  
Potable Water  
Non Potable Water  
Solid and Hazardous Waste

United States Department of Agriculture  
Soil Permit: S-54210

New Jersey (NELAP accredited): RI002  
Potable Water  
Non Potable Water  
Soil and Hazardous Waste

Maryland: 301  
Potable Water

# ESS Laboratory

Division of Thielsch Engineering, Inc.  
 185 Frances Avenue, Cranston, RI 02910-2211  
 Tel. (401) 461-7181 Fax (401) 461-4486  
 www.esslaboratory.com

# CHAIN OF CUSTODY

Page 1 of 2

Turn Time  Standard Other \_\_\_\_\_  
 If faster than 5 days, prior approval by laboratory is required # \_\_\_\_\_  
 State where samples were collected from: MA RI CT NH NJ NY ME Other \_\_\_\_\_  
 For this project for any of the following: USACE Other \_\_\_\_\_  
 MA-MCP Navy

Project # \_\_\_\_\_  
 Project Name (20 Char. or less) Western Solutions  
 Address 1 Wall Street PO# \_\_\_\_\_  
 City Manchester State NH Zip 03101  
 Telephone # 603-650-5400 Fax # 603-650-5401  
 Email Address James.Ricker@WesternSolutions.com

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Free Code	Number Containers	Type of Containers	8260 POK	8260 624	8015 VPH	8015 GND	8100 TR	8015 DIO	EPH	EPH w/PAHs	608 PCBs	8270 PAH	8270 SVOA	RGRAS	TCP-RGRAS	MCP-METALS (13)	MCP-METALS (13) w/PAHs	
1	2-19-07	0730	X	W	RB-021907-01	4	1/2 PK																		
2		0745	X	S	53 Hofmann (0-0.5)-0	1	1 G																		
3		0800	X		53 Hofmann (0-0.5)-50																				
4		0815	X		51 Hofmann (0-0.5)-100																				
5		0825	X		51 Hofmann (0-0.5)-150																				
6		0815	X		51 Hofmann (0-0.5)-100-E																				
7		0831	X		41 Hofmann (0-0.5)-200																				
8		0845	X		41 Hofmann (0-0.5)-250																				
9		0851	X		41 Hofmann (0-0.5)-300																				
10		0900	X		33 Hofmann (0-0.5)-350																				

Container Type: P-Poly G-Glass S-Sterile V-VOA Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present  Yes  No No NA:  No  NA:  Pickup

Seals Intact  Yes  No

Cooler Temp: 4.6 °C

Relinquished by: (Signature) [Signature] Date/Time 2/20/07 1143  
 Relinquished by: (Signature) [Signature] Date/Time 2/20/07 1143

Received by: (Signature) [Signature] Date/Time 2/20/07 1445  
 Received by: (Signature) [Signature] Date/Time 2/20/07 1445

Preservation Code: 1- NP, 2- HCl, 3- H<sub>2</sub>SO<sub>4</sub>, 4- HNO<sub>3</sub>, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- \_\_\_\_\_

Sampled by: A. Fuller / M. Mcgroath

Comments: Need to meet preservative container requirements MCP site

# ESS Laboratory

Division of Thielsch Engineering, Inc.  
 185 Frances Avenue, Cranston, RI 02910-2211  
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 www.esslaboratory.com

# CHAIN OF CUSTODY

Page 2 of 2

Turn Time:  Standard Other \_\_\_\_\_  
 If faster than 5 days, prior approval by laboratory is required # \_\_\_\_\_  
 States where samples were collected from: RI CT NH NJ NY ME Other \_\_\_\_\_  
 Is this project for any of the following: USACE Other \_\_\_\_\_  
 Navy \_\_\_\_\_

ESS LAB PROJECT ID: 0702235  
 Reporting Limits: \_\_\_\_\_  
 Electronic Deliverable:  Yes  No  
 Format:  Excel  Access  PDF  Other

ESS LAB Sample #	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Type of Containers	Number of Containers	Project Name (20 Char. or less)	Address	City	State	Zip	PO #	ESS LAB Telephone	ESS LAB Fax #	Email Address
11	2/19/07	0905			XS	33 Hofmann - (0-0.5) - 400	11G		1	Yombae/b	7 Wall St		NH	03101		603-656-5400	603-656-5401	James.Ricker@WestonSolutions.com
12		0915				31 Hofmann - (0-0.5) - 450												
13		0919				31 Hofmann - (0-0.5) - 500												
14		0945				27/29 Hofmann - (0-0.5) - 550												
15		0945				27/29 Hofmann - (0-0.5) - 550-E												
16		0955				25 Hofmann - (0-0.5) - 600												
17		1015				21 Hofmann - (0-0.5) - 650												
18		1025				19 Hofmann - (0-0.5) - 700												
19		1030				W RB-021907-02												

Container Type: P-Poly  G-Glass  S-Sterile  V-VOA  Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present:  Yes  No Internal Use Only:  Yes  No NA:  No  Pickup

Seals Intact:  Yes  No NA:  No  Pickup

Cooler Temp: 4.0°

Sampled by: A. Falter / M. McGrath

Preservation Code: 1- NP, 2- HCl, 3- H<sub>2</sub>SO<sub>4</sub>, 4- HNO<sub>3</sub>, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- \_\_\_\_\_

Comments: Need to meet presumptive certainty requirements (MCP 5.6)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>2/20/07 11:43</u>	<u>[Signature]</u>	<u>2/20/07 14:40</u>
<u>[Signature]</u>		<u>[Signature]</u>	<u>2/20/07 14:45</u>

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**APPENDIX B**

**TABULATED SAMPLE RESULTS**

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Appendix B

Tabulated Sample Results

Property Address		53 Hofmann Ave. (East)	53 Hofmann Ave. (West)	51 Hofmann Ave. (East)	51 Hofmann Ave. (West)	51 Hofmann Ave. E (West)	41 Hofmann Ave. (East)	
Sample Date:		02/19/2007	02/19/2007	02/19/2007	02/19/2007	02/19/2007	02/19/2007	
Sample ID:		0702235-02	0702235-03	0702235-04	0702235-05	0702235-06	0702235-07	
ANALYTE (ppm)	MassDEP Standard (S-1/ GW-2)	Imminent Hazard Concentrations (ppm)						
Arsenic	20	40	9.7 U	10.1 U	12.1	10.3	10.9	10.8 U
Barium	1000		45.6	148	382	165	339	128
Cadmium	2	60	0.97 U	1.38	14.5	1.59	13.4	1.17
Chromium	30		13.5	35.5	51.2	38.8	52.4	28.5
Lead	300		69.3	228	725	395	792	228
Selenium	400		9.7 U	10.1 U	10.4 U	9.3 U	9.2 U	10.8 U
Silver	100		0.97 U	1.01 U	1.04 U	0.93 U	0.92 U	1.08 U
Mercury	20	300	0.206	0.308	0.731	0.672	0.676	0.346
Aroclor 1016	2	10	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U
Aroclor 1221	2	10	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U
Aroclor 1232	2	10	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U
Aroclor 1242	2	10	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U
Aroclor 1248	2	10	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U
Aroclor 1254	2	10	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U
Aroclor 1260	2	10	0.31	6.33	5.87	5.33	4.86	2.86
Aroclor 1262	2	10	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U
Aroclor 1268	2	10	0.07 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U

ppm: parts per million  
U = Undetected

All samples were collected between 0-6 inches.

BOLD Exceedance of Massachusetts Department of Environmental Protection (MassDEP) Standard.

Appendix B

Tabulated Sample Results (Continued)

Property Address		41 Hofmann Ave. (Center)	41 Hofmann Ave. (West)	33 Hofmann Ave (East)	33 Hofmann Ave. (West)	31 Hofmann Ave (East)	31 Hofmann Ave. (West)		
Sample Date:		02/19/2007	02/19/2007	02/19/2007	02/19/2007	02/19/2007	02/19/2007		
Sample ID:		0702235-08	0702235-09	0702235-10	0702235-11	0702235-12	0702235-13		
ANALYTE (ppm)	MassDEP Standard   S-1/ GW-2)	Imminent Hazard Concentrations (ppm)							
Arsenic	20	40	14.9	15.9	8.7	9.1	11.8	9.5	U
Barium	1000		1300	310	43.6	99.4	57.9	64.0	
Cadmium	2	60	17.0	4.02	0.87	0.97	1.18	1.04	
Chromium	30		57.7	32.8	19.4	28.5	17.3	24.0	
Lead	300		1730	350	127	183	64.4	161	
Selenium	400		11.1	13.1	8.7	9.1	11.8	9.5	U
Silver	100		1.11	1.31	0.87	0.91	1.18	0.95	U
Mercury	20	300	0.931	0.395	0.072	0.301	0.159	0.307	
Aroclor 1016	2	10	0.08	0.10	0.06	0.07	0.09	0.07	U
Aroclor 1221	2	10	0.08	0.10	0.06	0.07	0.09	0.07	U
Aroclor 1232	2	10	0.08	0.10	0.06	0.07	0.09	0.07	U
Aroclor 1242	2	10	0.08	0.10	0.06	0.07	0.09	0.07	U
Aroclor 1248	2	10	0.08	0.10	0.06	0.07	0.09	0.07	U
Aroclor 1254	2	10	0.08	0.10	0.06	0.07	0.09	0.07	U
Aroclor 1260	2	10	1.32	0.70	0.15	3.76	0.47	2.13	
Aroclor 1262	2	10	0.08	0.10	0.06	0.07	0.09	0.07	U
Aroclor 1268	2	10	0.08	0.10	0.06	0.07	0.09	0.07	U

ppm: parts per million  
 U = Undetected  
 All samples were collected between 0-8 inches.  
 BOLD Exceedance of Massachusetts Department of Environmental Protection (MassDEP) Standard

Appendix B

Tabulated Sample Results (Continued)

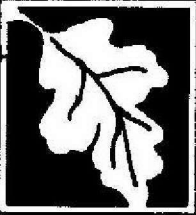
Property Address		27/29 Hofmann Ave. (East)	27/29 Hofmann Ave. E (West)	25 Hofmann Ave.	21 Hofmann Ave.	19 Hofmann Ave.
Sample Date:		02/19/2007	02/19/2007	02/19/2007	02/19/2007	02/19/2007
Sample ID:		0702235-14	0702235-15	0702235-16	0702235-17	0702235-18
ANALYTE (ppm)	MassDEP Standard (S-1/ GW-2)	Imminent Hazard Concentrations (ppm)				
Arsenic	20	40	16.7	10.3	14.8	11.6
Barium	1000		138	70.9	96.8	63.4
Cadmium	2	60	3.22	1.03	3.20	1.16
Chromium	30		31.1	16.6	47.8	27.1
Lead	300		383	182	452	115
Selenium	400		10.1	10.3	14.8	11.6
Silver	100		1.01	1.03	1.48	1.16
Mercury	20	300	0.528	0.200	0.929	0.337
Aroclor 1016	2	10	0.08	0.08	0.11	0.09
Aroclor 1221	2	10	0.08	0.08	0.11	0.09
Aroclor 1232	2	10	0.08	0.08	0.11	0.09
Aroclor 1242	2	10	0.08	0.08	0.11	0.09
Aroclor 1248	2	10	0.08	0.08	0.11	0.09
Aroclor 1254	2	10	0.08	0.08	0.11	0.09
Aroclor 1260	2	10	2.37	0.56	2.70	0.72
Aroclor 1262	2	10	0.08	0.08	0.11	0.09
Aroclor 1268	2	10	0.08	0.08	0.11	0.09

ppm: parts per million

U = Undetected

All samples were collected between 0-8 inches.

BOLD Exceedance of Massachusetts Department of Environmental Protection (MassDEP) Standard



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC105

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL  
FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number

3 - 18126

RECEIVED  
MAY 04 2007  
DEP  
NORTHEAST REGIONAL OFFICE

A. RELEASE OR THREAT OF RELEASE LOCATION:

1. Release Name/Location Aid: **TOMBARELLO AND SONS INC HOFMAN AVE**

2. Street Address: **207 MARSTON ST**

3. City/Town: **LAWRENCE**

4. ZIP Code: **01841-0000**

5. UTM Coordinates: a. UTM N: **71° 08' 35"** b. UTME: **42° 43' 09"**

6. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

a. Tier IA  b. Tier IB  c. Tier IC  d. Tier II

7. Check here if this location is Adequately Regulated, pursuant to 310 CMR 40.0110-0114. Specify Program (check one):

a. CERCLA  b. HSWA Corrective Action  c. Solid Waste Management  
 d. RCRA State Program (21C Facilities)

B. THIS FORM IS BEING USED TO: (check all that apply)

1. List Submittal Date of Initial IRA Written Plan (if previously submitted):   
(mm/dd/yyyy)

2. Submit an **Initial IRA Plan**.

3. Submit a **Modified IRA Plan** of a previously submitted written IRA Plan.

4. Submit an **Imminent Hazard Evaluation**. (check one)

- a. An Imminent Hazard exists in connection with this Release or Threat of Release.
- b. An Imminent Hazard does not exist in connection with this Release or Threat of Release.
- c. It is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release, and further assessment activities will be undertaken.
- d. It is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release. However, response actions will address those conditions that could pose an Imminent Hazard.

5. Submit a request to **Terminate an Active Remedial System or Response Action(s) Taken to Address an Imminent Hazard**.

6. Submit an **IRA Status Report**.

7. Submit a **Remedial Monitoring Report**. (This report can only be submitted through eDEP.)

a. Type of Report: (check one)  i. Initial Report  ii. Interim Report  iii. Final Report

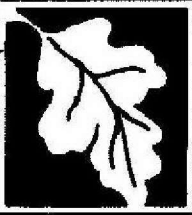
b. Frequency of Submittal: (check all that apply)

- i. A Remedial Monitoring Report(s) submitted monthly to address an Imminent Hazard.
- ii. A Remedial Monitoring Report(s) submitted monthly to address a Condition of Substantial Release Migration.
- iii. A Remedial Monitoring Report(s) submitted concurrent with a IRA Status Report.

c. Number of Remedial Systems and/or Monitoring Programs: \_\_\_\_\_

A separate BWSC105A, IRA Remedial Monitoring Report, must be filled out for each Remedial System and/or Monitoring Program addressed by this transmittal form.





**IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM**  
Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number  
**3** - **18126**

**B. THIS FORM IS BEING USED TO (cont.):** (check all that apply)

8. Submit an **IRA Completion Statement**.

a. Check here if future response actions addressing this Release or Threat of Release notification condition will be conducted as part of the Response Actions planned or ongoing at a Site that has already been Tier Classified under a different Release Tracking Number (RTN). When linking RTNs, rescoring via the NRS is required if there is a reasonable likelihood that the addition of the new RTN(s) would change the classification of the site.

b. Provide Release Tracking Number of Tier Classified Site (Primary RTN):  -

These additional response actions must occur according to the deadlines applicable to the Primary RTN. Use the Primary RTN when making all future submittals for the site unless specifically relating to this Immediate Response Action.

9. Submit a **Revised IRA Completion Statement**.

(All sections of this transmittal form must be filled out unless otherwise noted above)

**C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT IRA:**

1. Identify Media Impacted and Receptors Affected: (check all that apply)

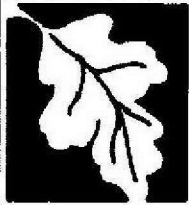
- a. Air     b. Basement     c. Critical Exposure Pathway     d. Groundwater     e. Residence
- f. Paved Surface     g. Private Well     h. Public Water Supply     i. School     j. Sediments
- k. Soil     l. Storm Drain     m. Surface Water     n. Unknown     o. Wetland     p. Zone 2
- q. Others Specify:

2. Identify Oils and Hazardous Materials Released: (check all that apply)

- a. Oils     b. Chlorinated Solvents     c. Heavy Metals
- d. Others Specify:

**D. DESCRIPTION OF RESPONSE ACTIONS:** (check all that apply, for volumes list cumulative amounts)

- 1. Assessment and/or Monitoring Only
- 2. Temporary Covers or Caps
- 3. Deployment of Absorbent or Containment Materials
- 4. Temporary Water Supplies
- 5. Structure Venting System
- 6. Temporary Evacuation or Relocation of Residents
- 7. Product or NAPL Recovery
- 8. Fencing and Sign Posting
- 9. Groundwater Treatment Systems
- 10. Soil Vapor Extraction
- 11. Bioremediation
- 12. Air Sparging



**IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL  
FORM** Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number

**3** - **18126**

**D. DESCRIPTION OF RESPONSE ACTIONS (cont.):** (check all that apply, for volumes list cumulative amounts)

13. Excavation of Contaminated Soils

a. Re-use, Recycling or Treatment

i. On Site Estimated volume in cubic yards

ii. Off Site Estimated volume in cubic yards

ii.a. Receiving Facility:  Town:  State:

ii.b. Receiving Facility:  Town:  State:

iii. Describe:

b. Store

i. On Site Estimated volume in cubic yards

ii. Off Site Estimated volume in cubic yards

ii.a. Receiving Facility:  Town:  State:

ii.b. Receiving Facility:  Town:  State:

c. Landfill

i. Cover Estimated volume in cubic yards

Receiving Facility:  Town:  State:

ii. Disposal Estimated volume in cubic yards

Receiving Facility:  Town:  State:

14. Removal of Drums, Tanks or Containers:

a. Describe Quantity and Amount:

b. Receiving Facility:  Town:  State:

c. Receiving Facility:  Town:  State:

15. Removal of Other Contaminated Media:

a. Specify Type and Volume:

b. Receiving Facility:  Town:  State:

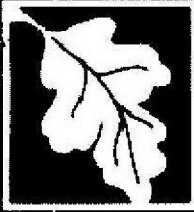
c. Receiving Facility:  Town:  State:

16. Other Response Actions:

Describe:

17. Use of Innovative Technologies:

Describe:



**IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL  
FORM** Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number

-

**E. LSP SIGNATURE AND STAMP:**

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B of this form indicates that an **Immediate Response Action Plan** is being submitted, the response action(s) that is(are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is(are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an **Imminent Hazard Evaluation** is being submitted, this Imminent Hazard Evaluation was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and the assessment activity(ies) undertaken to support this Imminent Hazard Evaluation comply(ies) with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000;

> if Section B of this form indicates that an **Immediate Response Action Status Report** and/or a **Remedial Monitoring Report** is(are) being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an **Immediate Response Action Completion Statement** or a request to **Terminate an Active Remedial System or Response Action(s) Taken to Address an Imminent Hazard** is being submitted, the response action(s) that is(are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is(are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 66648

2. First Name: Pamela

3. Last Name: Hoskins

4. Telephone: 603-425-1711

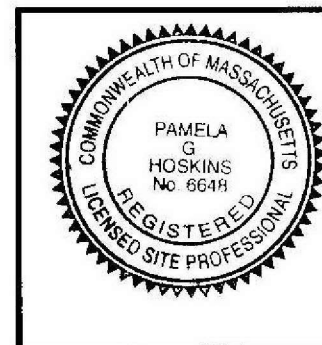
5. Ext.: \_\_\_\_\_

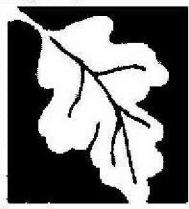
6. FAX: 603-437-9928

7. Signature: Pamela G Hoskins

8. Date: 4/5/09  
(mm/dd/yyyy)

9. LSP Stamp:





**IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL  
FORM** Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number

3 - 18126

**F. PERSON UNDERTAKING IRA:**

1. Check all that apply:  a. change in contact name  b. change of address  c. change in the person undertaking response actions

2. Name of Organization: FIRST LAWRENCE FINANCIAL, LLC

3. Contact First Name: JAMES 4. Last Name: GRIFONI

5. Street: 733 TURNPIKE ST, SUITE 171 6. Title: MANAGING MEMBER

7. City/Town: NORTH ANDOVER 8. State: MA 9. ZIP Code: 01845

10. Telephone: (978) 682-0430 11. Ext.: \_\_\_\_\_ 12. FAX: (978) 682-0430

**G. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA:**

1. RP or PRP  a. Owner  b. Operator  c. Generator  d. Transporter

e. Other RP or PRP Specify: \_\_\_\_\_

2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

4. Any Other Person Undertaking IRA Specify Relationship: \_\_\_\_\_

**H. REQUIRED ATTACHMENT AND SUBMITTALS:**

1. Check here if any Remediation Waste, generated as a result of this IRA, will be stored, treated, managed, recycled or reused at the site following submission of the IRA Completion Statement. If this box is checked, you must submit one of the following plans, along with the appropriate transmittal form.

a. A Release Abatement Measure (RAM) Plan (BWSC106)  b. Phase IV Remedy Implementation Plan (BWSC108)

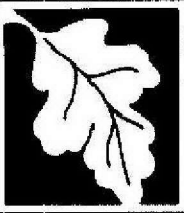
2. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

3. Check here to certify that the Chief Municipal Officer and the Local Board of Health were notified of the implementation of an Immediate Response Action taken to control, prevent, abate or eliminate an Imminent Hazard.

4. Check here to certify that the Chief Municipal Officer and the Local Board of Health were notified of the submittal of a Completion Statement for an Immediate Response Action taken to control, prevent, abate or eliminate an Imminent Hazard.

5. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to the DEP Regional Office.

6. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.



**IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL  
FORM** Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number

3 - 18126

**I. CERTIFICATION OF PERSON UNDERTAKING IRA:**

1. I, JAMES GRIFONI, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: [Signature] Signature 3. Title: MGR.

4. For: FIRST LAWRENCE FINANCIAL, LLC 5. Date: 4-4-07  
(Name of person or entity recorded in Section F) (mm/dd/yyyy)

6. Check here if the address of the person providing certification is different from address recorded in Section F.

7. Street: \_\_\_\_\_  
8. City/Town: \_\_\_\_\_ 9. State: \_\_\_\_\_ 10. ZIP Code: \_\_\_\_\_  
11. Telephone: \_\_\_\_\_ 12. Ext.: \_\_\_\_\_ 13. FAX: \_\_\_\_\_

**YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.**

Date Stamp (DEP USE ONLY:)



From: Origin ID: HIEA (603)656-5400  
MNH

1 Wall Street  
# 201  
Manchester, NH 03101



CLM22387/2123

Ship Date: 03MAY07  
ActWgt: 1 LB  
System#: 5990695/INET7011  
Account#: S \*\*\*\*\*

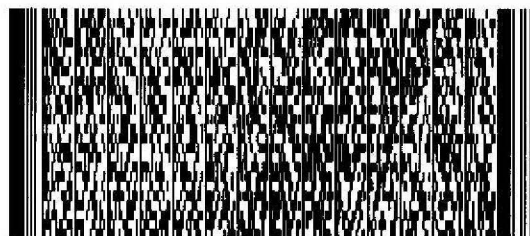
Delivery Address Bar Code



Ref # 13057.001.003.2000  
Invoice #  
PO #  
Dept #

SHIP TO: (000)000-0000 BILL SENDER

**Joanne Fagan**  
**Bureau of Waste Site Cleanup**  
**Commonwealth of MassDEP, NE Reg.**  
**205B Lowell Street**  
**Wilmington, MA 01887**



**PRIORITY OVERNIGHT**

**FRI**

TRK# 7996 3384 6945

FORM 0201

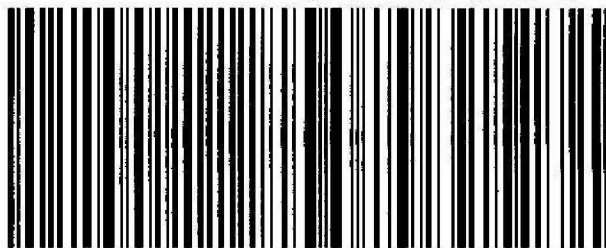
Deliver By:  
04MAY07

**BOS**

**A2**

01887 -MA-US

**01 TALA**



Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.**

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.