US EPA RECORDS CENTER REGION 5
409711

SITE ASSESSMENT REPORT
FOR THE
BLISSFIELD CANNERY SITE
BLISSFIELD, LENAWEE COUNTY, MICHIGAN

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 5
Emergency Response Branch
9311 Groh Road
Grosse Ile, MI 48138

Prepared by:

WESTON SOLUTIONS, INC.
360 East Maple Road, Suite R
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START Project Manager:	Lori Kozel
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U.S. EPA On-Scene Coordinator:	Jon Gulch

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June 20, 2011

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LIST OF ABBREVIATIONS AND ACRONYMS

AST	Aboveground storage tank
BEA	Baseline environmental assessment
bgs	Below ground surface
CFR	*Code of Federal Regulations*
ESA	Environmental site assessment
HCN	hydrogen cyanide
mg/kg	Milligram per kilogram
mg/L	Milligram per liter
MDEQ	Michigan Department of Environmental Quality
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
OSC	On-Scene Coordinator
Poly	Polyethylene
PPE	Personal protective equipment
RBSL	Risk-based screening level
SME	Soil & Materials Engineering Inc.
START	Superfund Technical Assessment and Response Team
SU	Standard unit
SVOC	Semivolatile organic compound
TCLP	Toxicity Characteristic Leaching Procedure
U.S. EPA	United States Environmental Protection Agency
VOC	Volatile organic compound
WESTON	Weston Solutions, Inc.

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1. INTRODUCTION

Under Technical Direction Document No. S05-0001-1012-005, the United States Environmental Protection Agency (U.S. EPA) tasked the Weston Solutions, Inc. (WESTON®), Superfund Technical Assessment and Response Team (START) to assist the U.S. EPA On-Scene Coordinator (OSC) in performing a site assessment at the Blissfield Cannery Site in Blissfield, Lenawee County, Michigan (the Site). Specifically, U.S. EPA requested that WESTON START assess and sample various areas of concern across the Site; perform air monitoring; collect photographic documentation; and evaluate the potential for imminent and substantial threats to the public health or welfare of the United States or the environment posed by the Site. On May 17, 2011, WESTON START conducted the site assessment under the direction of OSC Jon Gulch.

This site assessment report is organized into the following sections:

- **Introduction** – Provides a brief description of the objective and scope of site assessment activities
- **Site Background** – Details the Site description and history
- **Site Assessment Activities** – Discusses the Site reconnaissance, Site observations, and sampling activities conducted during the site assessment
- **Analytical Results** – Discusses analytical results for samples collected during the site assessment
- **Threats to Human Health and the Environment** – Identifies Site-related conditions that warrant a removal action under the National Oil and Hazardous Substances Pollution Contingency Plan (NCP)
- **Conclusions**– Summarizes site assessment findings

Figures and tables are presented after the conclusions section. **Appendix A** provides a copy of a baseline environmental assessment (BEA) report prepared by Soil & Materials Engineering Inc. (SME). **Appendix B** provides photographic documentation of Site conditions and activities during the site assessment. **Appendix C** provides the validated analytical results and data validation report for samples collected during the site assessment.

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2. SITE BACKGROUND

This section provides a detailed description of the Site and summarizes the Site history.

2.1 SITE DESCRIPTION

The Site is located at 440 East Jefferson Street in Blissfield, Lenawee County, Michigan (**Figure 2-1**). The Site is bordered to the north by U.S. Route 223 (Adrian Street) and East Jefferson Street, with commercial properties beyond; to the south by open farmland; to the east by a Penn Central Rail line, with commercial and industrial properties beyond; and to the west by residential properties. The geographic coordinates of the Site are 41°49'39.01" North latitude and 83°51'08.30" West longitude.

The Site consists of six contiguous parcels of land totaling approximately 35 acres. The northern portion of the Site contains two former cannery buildings measuring 19,600 and 32,822 square feet; and a former automotive repair building measuring 1,876 square feet (**Figure 2-2**). These buildings are in various states of disrepair and have collapsed roofs and exterior walls as well as missing entry doors. Except for retention ponds south of the former cannery buildings, the remainder of the Site is grass-covered land formerly used for agricultural purposes.

2.2 SITE HISTORY

A gasoline service station operated on the northern portion of the Site from 1916 until circa 1980s. In 1930, a building was constructed east of the gasoline station to manufacture septic tanks. Before 1963, an automotive repair facility operated in this building. No information is available on when the repair facility closed. Between 1981 and 1982, L&L Sandblasting occupied a portion of this building. Beginning in 1924 and continuing until circa 1990, cannery operations were conducted in the two larger on-site buildings. Operations included the processing and canning of tomatoes and pumpkins. Process wastewater from cannery operations was disposed of into four on-site retention ponds (**Figure 2-2**). From 2000 until 2010, antiques, used farm, and used industrial equipment were stored and sold at the Site.

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SME prepared a BEA report for the Site dated August 6, 2010. The BEA report presents the findings of a Phase I and II environmental site assessment (ESA) conducted at the Site from June 2 through 25, 2010 (**Appendix A**). The Phase I and II ESA consisted of a historical uses search; geophysical survey; installation of soil borings, hand augers, and test pits; and soil and groundwater sampling. The on-site buildings were not part of the ESA. Soil samples collected during the ESA contained the following chemicals at concentrations exceeding the Michigan Department of Environmental Quality (MDEQ) risk-based screening levels (RBSL) for residential soil:

- Arsenic
- Benzene
- Chromium (total)
- Copper
- Cyanide
- 1,2-Dichloroethane
- Ethylbenzene
- Mercury
- Naphthalene
- n-Butylbenzene
- n-Propylbenzene
- Phosphorus
- sec-Butylbenzene
- Selenium
- Sodium
- Tetrachloroethylene
- Toluene
- Trichloroethylene
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene
- Xylenes
- Zinc

Groundwater samples collected during the ESA contained the following chemicals at concentrations exceeding the MDEQ RBSLs for residential groundwater:

- Arsenic
- Benzene
- Cadmium
- Copper
- Ethylbenzene
- Lead
- Naphthalene
- Propylbenzene
- Xylenes
- Zinc

3. SITE ASSESSMENT ACTIVITIES

The site assessment was conducted on May 17, 2011, to evaluate potential threats to the public health or welfare of the United States or the environment posed by the Site and the need for further response actions. The following sections discuss the Site reconnaissance, Site observations, and sampling activities conducted during the site assessment.

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3.1 SITE RECONNAISSANCE

On May 17, 2011, the U.S. EPA OSC and WESTON START mobilized to the Site. After a brief safety meeting and equipment set-up, U.S. EPA and WESTON START personnel walked throughout the Site to perform air monitoring, collect and consolidate small containers into one of two locations, and identify containers and locations from which to collect liquid and soil samples.

During the site reconnaissance, a RAE Systems ToxiRAE hydrogen cyanide (HCN) meter was used to monitor for HCN in the breathing zone. A MultiRAE multi-gas air monitor was used to monitor for carbon monoxide, hydrogen sulfide, lower explosive limit, oxygen, and volatile organic compounds (VOC) in the breathing zone during on-site activities. All ambient air monitoring readings were at or below background levels. A Ludlum Model 19 MicroR Meter was used to monitor for radioactive materials at the Site, and no such materials were identified.

During the site reconnaissance, written and photographic documentation of current Site conditions was collected and potential environmental threats and sampling locations were noted. **Appendix B** provides photographic documentation of Site conditions at the time of the Site reconnaissance.

3.2 SITE OBSERVATIONS

WESTON START observations during the site assessment are summarized below.

- The Site is located in a mixed residential, agricultural, and commercial area. The nearest residential properties are located approximately 350 feet west of the Site.
- The presence of retention ponds in the central portion of the property.
- The Raisin River is located 0.5 mile west of the Site.
- Animal (raccoon) tracks were identified in several areas throughout the Site.
- The Site has no perimeter fencing to discourage animals and people from entering the Site.
- On-site buildings have collapsed roofs and exterior walls as well as missing or unsecured entry doors, allowing unimpeded access.

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- One approximately 1,500-gallon polyethylene (poly) aboveground storage tank (AST) was observed on Site. The AST appeared empty.
- Trespassing and people entering the Site to collect scrap materials was observed while on site.
- The on-site buildings contained numerous drums and containers. Some of the drums showed signs of deterioration, including weathered steel and poly exteriors and bungs. Some of the containers had missing lids and open tops.
- Numerous types of flammable automotive cleaners, fuels, and solvents (such as aerosol brake cleaner and WD40) as well as flammable wood refinishing solvents (such as turpentine and paint stripper) were observed in the on-site drums and containers.
- The following were observed during a container inventory at the former auto repair building:
  - Approximately 50 containers (1 gallon or less), most partially full, containing paint, stain, oil, degreaser, thinner, and automotive cleaners and fluids
  - One mercury switch removed from a thermostat
  - One open, unlabeled, 55-gallon poly drum approximately three-quarters full of forest-green liquid
- The following were observed during a container inventory at the northern cannery building:
  - Approximately 70 containers (5 gallons or less), most partially full, containing calcium chloride, hydraulic oil, torch fuel, wall grout, spray lubrication, paint, stain, muriatic acid, and heavy-duty detergents
  - Approximately 25 1-gallon containers, most nearly empty, containing paint and roof cement
  - Two unlabeled 55-gallon poly drums nearly full
  - One unlabeled 55-gallon steel drum one-third full
  - One unlabeled 55-gallon poly drum one-tenth full
  - One 15-gallon poly drum labeled degreaser and half full
  - One full 15-gallon poly drum labeled sodium hydroxide
  - One 15-gallon poly drum labeled "Blended Phosphate" and one-third full
  - One full, unlabeled, 5-gallon poly drum
  - One full 5-gallon bucket labeled adhesive
  - Two full 15-gallon poly drums labeled ammonia
  - Approximately 100 containers (1 quart or less) of paint and stain in poor condition, ranging from empty to partially full

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- The following were observed during a container inventory at the southern cannery building:
  - Approximately 500 containers (1 quart or less) of wood stain and finishing oil, nearly all unopened and full
  - Approximately 12 1-gallon containers of wood stain, nearly all full
  - Four 5-gallon buckets labeled driveway sealer and nearly full
  - Approximately 75 containers (1 gallon or less), most partially used, labeled as film processing chemicals
  - Approximately 12 laboratory-grade chemical containers of 1 gallon or less, all partially full, some unlabeled, and some labeled acetic acid, calcium acetate, potassium dichromate merck, zinc powder, sodium sulfate, sorbitol, and orthazite

3.3 SAMPLING ACTIVITIES

On May 17, 2011, U.S. EPA directed WESTON START personnel to collect eight liquid samples and three soil samples for laboratory analysis. **Figure 3-1** shows the liquid and soil sampling locations. Liquid samples were collected in Level B personal protective equipment (PPE) using a variety of different drum samplers. In an attempt to confirm SME data, the soil sampling locations were selected to replicate the sampling locations chosen by SME in June 2010. Soil samples were collected using disposable scoops and mixing pans. All samples were placed into glass sample jars provided by the laboratory, labeled appropriately, and placed on ice. The WESTON START sample identification numbers and descriptions are as follows:

- BC-WL01-051711 – Clear liquid sample from a white, unlabeled 55-gallon poly drum inside northern cannery building
- BC-WL02-051711 – Clear liquid sample from a blue, unlabeled 55-gallon poly drum inside northern cannery building
- BC-WL03-051711 – Yellow liquid sample from a white, approximately 15-gallon poly drum labeled heavy-duty degreaser inside northern cannery building
- BC-WL04-051711 – Clear liquid sample from a blue, approximately 15-gallon poly drum labeled sodium hydroxide inside northern cannery building
- BC-WL05-051711 – Amber liquid sample from a white, approximately 15-gallon poly drum labeled "Blended Phosphate" inside northern cannery building
- BC-WL06-051711 – Clear liquid sample from an unlabeled, rusted, 55-gallon steel drum inside northern cannery building

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- BC-WL07-051711 – Amber liquid sample from a black, approximately 15-gallon poly drum labeled ammonia outside northern cannery building
- BC-WL08-051711 – Forest-green liquid sample from an unlabeled, blue, 55-gallon poly drum inside former auto repair building
- BC-SS01-051711 – Soil sample from front of northwest-facing side of former auto repair building from 0 to 2 feet below ground surface (bgs) (attempt to replicate SME soil sampling location AR-2)
- BC-SS02-051711 – Soil sample from front of southeast-facing side of former auto repair building from 0 to 2 feet bgs (attempt to replicate SME soil sampling location ARW-1)
- BC-SS03-051711 – Soil sample from open corridor between the two former cannery buildings from 0 to 3 feet bgs (attempt to replicate SME soil sampling location JSW-2)

Note: BC= Blissfield Cannery; SS = Soil sample; WL = Waste liquid sample

All soil and liquid samples were submitted to TriMatrix Laboratories of Grand Rapids, Michigan. The samples were analyzed for one or more of the following: Toxicity Characteristic Leaching Procedure (TCLP) metals, TCLP VOCs, TCLP semivolatile organic compounds (SVOC), total metals, total cyanide, flashpoint, and pH.

4. ANALYTICAL RESULTS

Tables 4-1 and **4-2**, respectively, summarize the analytical results for the liquid and soil samples collected during the site assessment. **Appendix C** provides the laboratory analytical report and the data validation report. Soil sample results were compared to the Michigan Department of Environmental Quality (MDEQ) Non-Residential Soil Direct Contact criteria and criteria in Title 40 of the *Code of Federal Regulations* (CFR), Part 261.2. Liquid sample analytical results also were compared to criteria in 40 CFR 261.2. According to 40 CFR, Part 261.2, a solid waste is considered a hazardous waste if it exhibits any of the characteristics of ignitability, corrosivity, toxicity, or reactivity. The sample analytical results are summarized below.

- **TCLP Metals:** Liquid sample BC-WL08-051711 contained chromium at 450 milligrams per liter (mg/L), which exceeds the 40 CFR 261.2 criterion for chromium of 5 mg/L. Therefore, this sample represents a hazardous waste by virtue of the characteristic of toxicity.
- **TCLP VOCs:** Liquid sample BC-WL06-051711 contained 1,4-dichlorobenzene at 220,000 mg/L, which exceeds the 40 CFR 261.2 criterion for 1,4-dichlorobenzene of 7.5 mg/L. In addition, sample BC-WL06-051711 also contained chlorobenzene at 2,900

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mg/L, which exceeds the 40 CFR 261.2 criterion of 100 mg/L. Therefore, this sample represents a hazardous waste by virtue of the characteristic of toxicity.

- **Corrosivity:** Liquid sample BC-WL08-051711 exhibited a pH of less than 2 standard units (SU). Liquid samples BC-WL01-051711, BC-WL02-051711, BC-WL03-051711, BC-WL04-051711, and BC-WL07-051711 exhibited pH levels exceeding 12 SUs. Because of the highly hazardous nature of some of the waste liquid samples, the laboratory was unable to use its pH instruments without damaging the electrodes. Therefore, the above samples were analyzed using pH paper, and results are reported in a less than or greater than format. All the samples discussed above represent hazardous wastes by virtue of the characteristic of corrosivity.

- **Total Metals:** Soil sample BC-SS02-051711 contained total arsenic at 69 milligrams per kilogram (mg/kg), which exceeds the MDEQ Part 201 Non-Residential Soil Direct Contact criterion for arsenic of 37 mg/kg. Therefore, this soil associated with this sample represents a a direct-contact risk.

5. THREATS TO HUMAN HEALTH AND THE ENVIRONMENT

Factors to be considered in determining the appropriateness of a potential removal action at a Site are delineated in the NCP at 40 CFR 300.415(b)(2). A summary of the factors applicable to the Site is presented below.

- **Actual or potential exposure of nearby human populations, animals, or the food chain to hazardous substances or pollutants or contaminants**

  During the site assessment, numerous steel and poly drums and hundreds of small containers were observed, some in poor condition with no secondary containment. WESTON START collected eight liquid and three soil samples from the Site. Liquid samples contained chromium; 1,4-dichlorobenzene; and chlorobenzene at concentrations exceeding the 40 CFR 261.2 criteria. Therefore, these samples represent hazardous wastes by virtue of the characteristic of toxicity. In addition, one liquid sample exhibited a pH level of less than 2 SUs, and five liquid samples exhibited pH levels exceeding 12 SUs. These samples represent hazardous wastes by virtue of the characteristic of corrosivity. One soil sample contained total arsenic at a concentration exceeding the MDEQ Part 201 Non-Residential Soil Direct Contact criterion for arsenic. Therefore, the soil associated with this sample represents a direct-contact risk.

  The Site is currently unrestricted, with no perimeter fencing or barriers in place to deter trespassers or animals from entering the Site. During the site assessment, animal tracks were observed at several locations throughout the Site and an individual scraping metal was also observed. Unrestricted access to the Site could result in an accidental or intentional release of hazardous materials and further expose animal populations to on-site hazards.

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The Site is located in rural mixed residential, commercial, and agricultural area, with residential properties located along the western Site boundary. The SME Phase I and II ESA indicates that the on-site retention ponds formerly were used for wastewater discharge during canning operations. Although drains and discharge pipes to the ponds were not observed in the on-site buildings during the site assessment, they may exist and provide a contamination migration route or a source of contaminant exposure to animals.

The close proximity of residences and other vulnerable areas (farmland) observed during the site assessment greatly increases the likelihood of impacts to the public health or welfare of the United States or the environment if exposure or a release occurs.

- **Actual or potential contamination of drinking water supplies or sensitive ecosystems**

  During the site assessment, numerous steel and poly drums and hundreds of small containers were observed, some in poor condition with no secondary containment; indicating a high likelihood for further contaminant releases from the Site. In the area residents depend on freshwater wells as a source of drinking water. In addition, the River Raisin is located 0.5 mile west of the Site. The contamination already in or future possibility in the retention pond could be a source of exposure to animals.

  Pollutants that enter groundwater or bodies of surface water can be retained for long periods of time and negatively impact water supplies and sensitive ecosystems that may have been established since the shut-down of Site operations.

- **Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers that may pose a threat of release**

  WESTON START collected eight liquid samples from on-site drums. As discussed above, sample results indicate that some liquid samples represent hazardous wastes by virtue of the characteristics of toxicity and corrosivity.

  During the site assessment, numerous drums, containers, and an AST were observed at the Site. Some of the drums showed signs of deterioration, including weathered steel and poly exteriors and bungs. Some of the containers had missing lids and open tops. Further deterioration of the drums and containers may allow hazardous substances to migrate into the environment and off site.

- **High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface that may migrate**

  During the site assessment, three soil samples were collected in attempt to replicate sampling locations where arsenic results exceeded the MDEQ RBSLs for residential soil during a June 2010 BEA conducted by SME. One of the three samples collected from 0 to 2 feet bgs contained nearly twice the allowable limit for arsenic set forth by the MDEQ Part 201 Non-Residential Direct Contact criterion. The lack of perimeter fencing or barriers around the Site allows the general public and animal populations to enter the Site and come in contact with contaminated soil.

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- **Weather conditions that may cause hazardous substances, pollutants, or contaminants to migrate or be released**

  The county of Lenawee, Michigan, receives approximately 31 to 33 inches of precipitation annually, with rainfall and snowfall fairly evenly distributed throughout the year. Weather conditions will continue to contribute to the deterioration of Site buildings and on-site containers and drums, increasing the potential for migration of hazardous constituents off site.

- **Threat of fire or explosion**

  The threat of fire or explosion at the Site is moderate based on the materials stored at the Site and on signs of trespassing observed during the site assessment. If a fire or explosion occurs at the Site, it could produce toxic gases, irritants, smoke, and contaminated fire-water runoff. During the site assessment, numerous types of flammable automotive cleaners, fuels, and solvents (such as aerosol brake cleaner and WD40) as well as flammable wood refinishing solvents (such as turpentine and paint stripper) were observed in on-site drums and containers. The lack of perimeter fencing, barriers, and exterior building doors throughout the Site would allow trespassers to enter the Site and deliberately or accidentally start a fire.

- **The availability of other appropriate federal or state response mechanisms to respond to the release**

  Lenawee County and the City of Blissfield requested assistance from the U.S. EPA to perform a site assessment and cleanup activities. This request documents the need for federal involvement to address imminent endangerment to the public health or welfare of the United States or the environment posed by the Site.

6. CONCLUSIONS

The site assessment was conducted on May 17, 2011, to evaluate potential threats to the public health or welfare of the United States or the environment posed by the Site and the need for further response actions. During the site assessment, WESTON START collected eight liquid samples and three soil samples. Liquid samples contained chromium; 1,4-dichlorobenzene; and chlorobenzene at concentrations exceeding the 40 CFR 261.2 criteria. Therefore, these samples represent hazardous wastes by virtue of the characteristic of toxicity. In addition, one liquid sample exhibited a pH of less than 2 SUs, and five liquid samples exhibited pH levels exceeding 12 SUs. These samples represent hazardous wastes by virtue of the characteristic of corrosivity. One soil sample contained total arsenic at a concentration exceeding the MDEQ Part 201 Non-Residential Soil Direct Contact criterion for arsenic. Therefore, the soil associated with this

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sample represents a direct-contact risk.

Additional hazardous materials could be present at the Site in areas that have not been sampled including additional soil areas. The hazards summarized below were also identified during Site reconnaissance activities.

- The Site is bordered to the west by residential properties, and the presence of sensitive human populations such as children and the elderly is likely.
- Site access is unrestricted, with no perimeter fence or barriers to discourage access to the Site by trespassers or wildlife. Wildlife tracks were observed at the Site.
- Numerous drums and small containers were observed at the Site, including toxic, corrosive, and flammable liquids, all without secondary containment.
- The on-site buildings are deteriorated, with collapsed roofs and walls, and rainwater could leak through the roofs.
- The rapid deterioration of the on-site buildings increases the chance of further degradation of drums and containers stored in the buildings and the likelihood of a fire at the Site or a release into the environment.

Based on the analytical results and Site conditions observed during the site assessment, the Site meets six criteria for a removal action pursuant to 40 CFR 300.415(b)(2). Therefore, the Site poses imminent and substantial threats to the public health or welfare of the United States or the environment.

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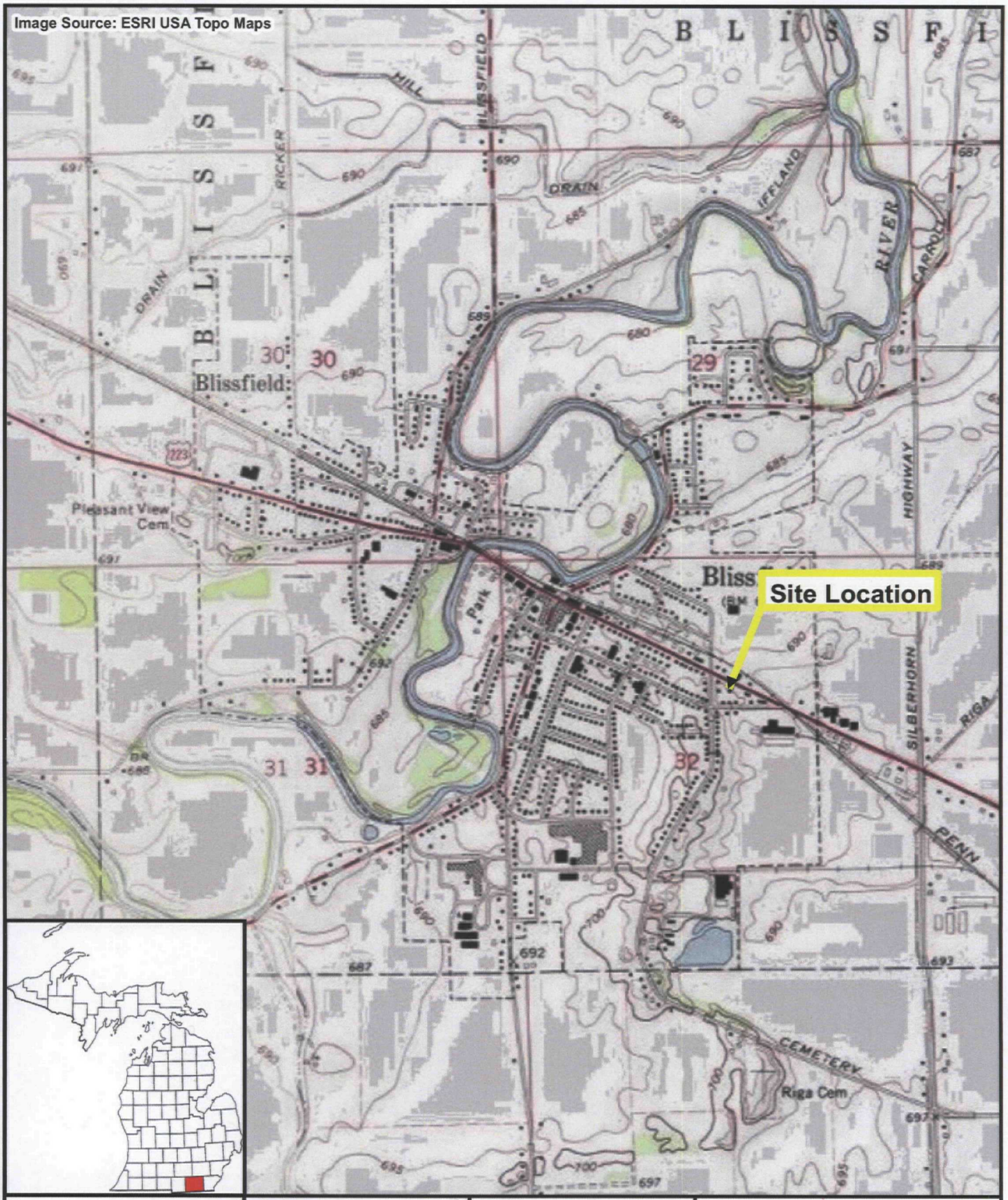
FIGURES



May 2011

N

0 0.25 0.5 Miles

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Figure 2-1
Site Location Map
Blissfield Site
Blissfield, Lenawee County, Michigan

File: D:\Blissfield_SA\Figure2-1_Site_Location.mxd/beerm

Site Boundary
Site Buildings

N

0 212.5 425 Feet

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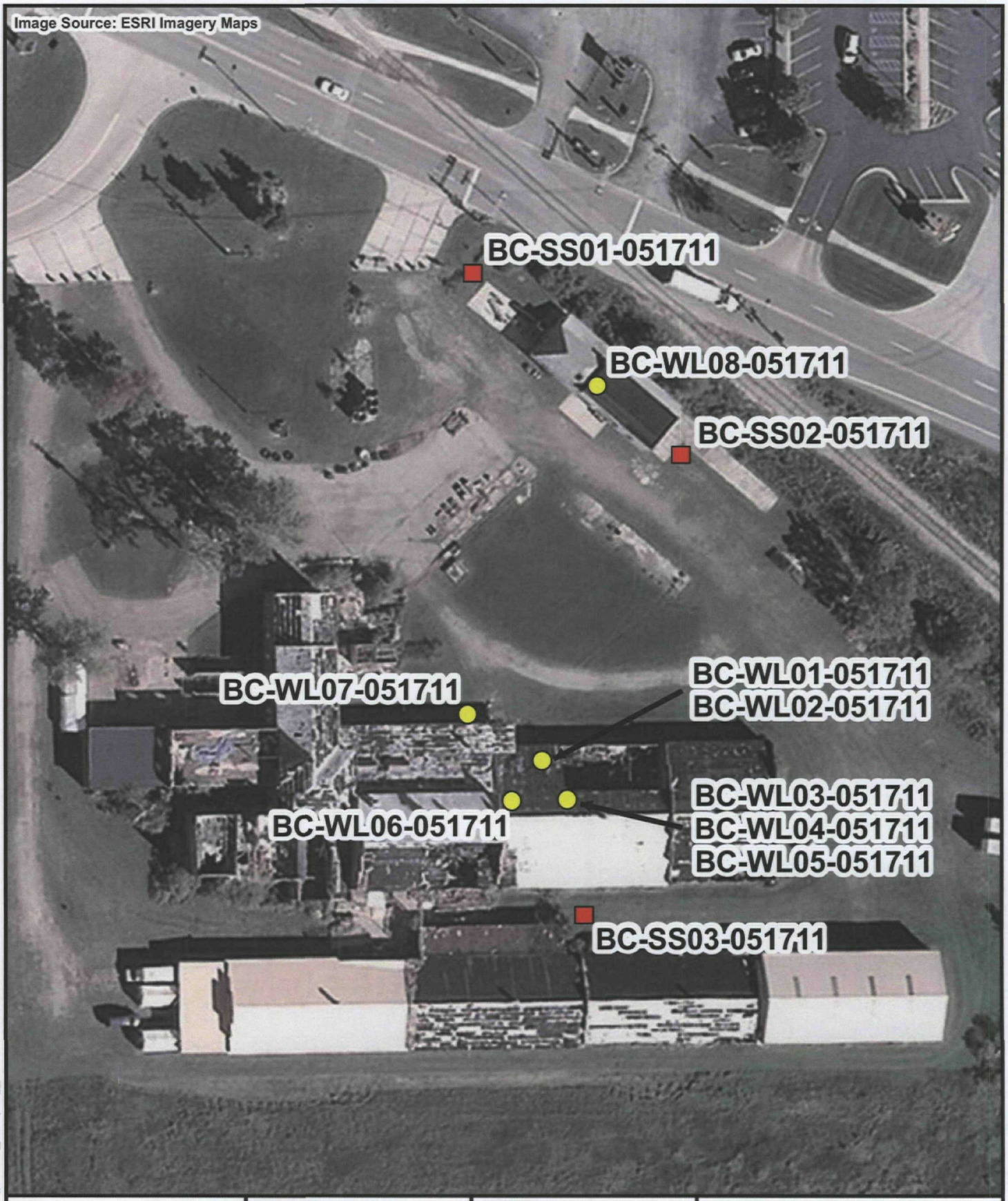
Figure 2-2
Site Feature Map
Blissfield Site
Blissfield, Lenawee County, Michigan

File: D:\Blissfield_SA\Figure2-2_Site_Feature.mxd/beerm



Soil Sample

Liquid Sample

N

Note: Sample locations are approximate

0 50 100 Feet

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Figure 3-1
Sampling Location Map
Blissfield Site
Blissfield, Lenawee County, Michigan

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TABLES

Table 4-1
Analytical Results - Liquid Samples
Blissfield Cannery Site
Blissfield, Lenawee County, Michigan

Parameter	Unit	Sample No.	BC-WL01-051711	BC-WL02-051711	BC-WL03-051711	BC-WL04-051711	BC-WL05-051711	BC-WL06-051711	BC-WL07-051711	BC-WL08-051711
		Sampling Date	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/17/2011
		Sample Description	Clear liquid, unlabeled container	Clear liquid, unlabeled container	Yellow liquid, labeled heavy-duty degreaser	Clear liquid, labeled sodium hydroxide	Amber liquid, labeled blended phosphate	Clear liquid, unlabeled container	Amber liquid, labeled ammonia	Forest-green liquid, unlabeled container
		Regulatory Level [a]	Result							
TCLP Metals										
Arsenic	mg/L	5	<0.22	<0.22	<0.2	0.41	<0.28	<0.26	<0.19	0.69
Barium	mg/L	100	<0.22	0.84	0.26	<0.3	0.37	<0.26	<0.19	<0.26
Cadmium	mg/L	1	<0.043	<0.044	<0.04	<0.06	0.3	<0.052	<0.038	17
Chromium	mg/L	5	<0.22	0.23	<0.2	<0.3	0.5	<0.26	<0.19	**450**
Lead	mg/L	5	<0.22	<0.22	<0.2	<1.5	<0.28	<0.26	<0.19	0.88
Mercury	mg/L	0.2	<0.036	<0.038	<0.035	<0.047	<0.048	<0.04	<0.031	<0.041
Selenium	mg/L	1	<0.22	<0.22	<0.2	<0.3	<0.28	<0.26	<0.19	0.36
Silver	mg/L	5	<0.043	<0.044	<0.04	<0.06	<0.057	<0.052	<0.038	<0.051
TCLP VOCs										
1,1-Dichloroethene	mg/L	0.7	<0.1	<0.1	<0.1	<5.0	<0.1	<50	<0.1	<0.1
1,2-Dichloroethane	mg/L	0.5	<0.1	<0.1	<0.1	<5.0	<0.1	<50	<0.1	<0.1
1,4-Dichlorobenzene	mg/L	7.5	<5.0	<5.0	<5.0	<5.0	<5.0	**220,000**	1.0 J	1.0 J
Benzene	mg/L	0.5	<0.1	<0.1	<0.1	<5.0	<0.1	<50	<0.1	<0.1
Carbon tetrachloride	mg/L	0.5	<0.1	<0.1	<0.1	<5.0	<0.1	<50	<0.1	<0.1
Chlorobenzene	mg/L	100	<0.1	<0.1	<0.1	<5.0	<0.1	**2,900**	<0.1	<0.1
Chloroform	mg/L	6	<0.1	<0.1	<0.1	<5.0	<0.1	<50	<0.1	<0.1
Methyl ethyl ketone	mg/L	200	<5.0	<5.0	<5.0	<250	<5.0	<2500	<5.0	<5.0
Tetrachloroethene	mg/L	0.7	<0.1	<0.1	<0.1	<5.0	<0.1	<50	<0.1	<0.1
Trichloroethene	mg/L	0.5	<0.1	<0.1	<0.1	<5.0	<0.1	<50	<0.1	<0.1
Vinyl chloride	mg/L	0.2	<0.1	<0.1	<0.1	<5.0	<0.1	<50	<0.1	<0.1
TCLP SVOCs										
2,4,5 Trichlorophenol	mg/L	400	22	21	22	<5.0	<5.0	<500	<4.9	<5.0
2,4,6 Trichlorophenol	mg/L	2	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<4.9	<5.0
2,4 Dinitrotoluene	mg/L	0.13	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<4.9	<5.0
Hexachlorobenzene	mg/L	0.13	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<4.9	<5.0
Hexachlorobutadiene	mg/L	0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<4.9	<5.0
Hexachloroethane	mg/L	3	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<4.9	<5.0
Nitrobenzene	mg/L	2	<5.0	<5.0	1.0 J	<5.0	<5.0	<500	<4.9	<5.0
Pentachlorophenol	mg/L	100	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<4.9	<5.0
Pyridine	mg/L	5	<50.0	<50.0	<50.0	<50.0	<50.0	<5000	<49	<50.0

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Table 4-1
Analytical Results - Liquid Samples
Blissfield Cannery Site
Blissfield, Lenawee County, Michigan

Parameter	Unit	Sample No.	BC-WL01-051711	BC-WL02-051711	BC-WL03-051711	BC-WL04-051711	BC-WL05-051711	BC-WL06-051711	BC-WL07-051711	BC-WL08-051711
		Sampling Date	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/17/2011
		Sample Description	Clear liquid, unlabeled container	Clear liquid, unlabeled container	Yellow liquid, labeled heavy-duty degreaser	Clear liquid, labeled sodium hydroxide	Amber liquid, labeled blended phosphate	Clear liquid, unlabeled container	Amber liquid, labeled ammonia	Forest-green liquid, unlabeled container
		Regulatory Level [a]	**Result**							
Total Cyanide										
Cyanide - Total	mg/kg	NA	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Ignitability										
Flashpoint	°F	<140	>200	>200	>200	>200	>200	167	>200	>200
Corrosivity										
pH	SU	< 2, >12.5	**>12.5 J**	**>12.5 J**	**>12.5 J**	**>12.5 J**	4.8	7.0	**>12.5 J**	**<2 J**

Notes:
Bold and shaded results exceed the regulatory levels.
°F = Degree Fahrenheit
J = Estimated value
mg/kg = Milligram per kilogram
mg/L = Milligram per liter
NA = Not applicable
SU = Standard unit
SVOC = Semivolatile organic compound
TCLP = Toxicity Characteristic Leaching Procedure
VOC = Volatile organic compound
a Regulatory level from Title 40 of the *Code of Federal Regulations* (CFR), Part 261, Identification and Listing of Hazardous Waste

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Table 4-2
Analytical Results - Soil Samples
Blissfield Cannery Site
Blissfield, Lenawee County, Michigan

Parameter	Unit	DEQ Regulatory Level [a]	40 CFR Part 261 Regulatory Level [b]			
			Sample No.	BC-SS01-051711	BC-SS02-051711	BC-SS03-051711
			Sampling Date	5/17/2011	5/17/2011	5/17/2011
			Sample Description	Sample from northwest side of former auto repair building, 0 to 2 feet bgs	Sample from southeast side of former auto repair building, 0 to 2 feet bgs	Sample from corridor between two cannery buildings, 0 to 3 feet bgs
				Result		
TCLP Metals						
Arsenic	mg/L	NA	5	<0.50	<0.50	<0.50
Barium	mg/L	NA	100	<0.35	0.58	0.94
Cadmium	mg/L	NA	1	<0.05	<0.05	<0.05
Chromium	mg/L	NA	5	<0.25	<0.25	<0.25
Lead	mg/L	NA	5	<0.25	<0.25	<0.25
Mercury	mg/L	NA	0.2	<0.0002	<0.0002	<0.0002
Selenium	mg/L	NA	1	<0.2	<0.2	<0.2
Silver	mg/L	NA	5	<0.05	<0.05	<0.05
TCLP VOCs						
1,1-Dichloroethene	mg/L	NA	0.7	<0.1	<0.1	<0.1
1,2-Dichloroethane	mg/L	NA	0.5	<0.1	<0.1	<0.1
1,4-Dichlorobenzene	mg/L	NA	7.5	<0.005	0.021	<0.005
Benzene	mg/L	NA	0.5	<0.1	<0.1	<0.1
Carbon tetrachloride	mg/L	NA	0.5	<0.1	<0.1	<0.1
Chlorobenzene	mg/L	NA	100	<0.1	<0.1	<0.1
Chloroform	mg/L	NA	6	<0.1	<0.1	<0.1
Methyl ethyl ketone	mg/L	NA	200	<5.0	<5.0	<5.0
Tetrachloroethene	mg/L	NA	0.7	<0.1	<0.1	<0.1
Trichloroethene	mg/L	NA	0.5	<0.1	<0.1	<0.1
Vinyl chloride	mg/L	NA	0.2	<0.1	<0.1	<0.1
TCLP SVOCs						
2,4,5 Trichlorophenol	mg/L	NA	400	<0.005	<0.005	<0.005
2,4,6 Trichlorophenol	mg/L	NA	2	<0.005	<0.005	<0.005
2,4 Dinitrotoluene	mg/L	NA	0.13	<0.005	<0.005	<0.005
Hexachlorobenzene	mg/L	NA	0.13	<0.005	<0.005	<0.005
Hexachlorobutadiene	mg/L	NA	0.5	<0.005	<0.005	<0.005
Hexachloroethane	mg/L	NA	3	<0.005	<0.005	<0.005
Nitrobenzene	mg/L	NA	2	<0.005	<0.005	<0.005
Pentachlorophenol	mg/L	NA	100	<0.005	<0.005	<0.005
Pyridine	mg/L	NA	5	<0.05	<0.05	<0.05

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Table 4-2
Analytical Results - Soil Samples
Blissfield Cannery Site
Blissfield, Lenawee County, Michigan

Parameter	Unit	DEQ Regulatory Level [a]	40 CFR Part 261 Regulatory Level [b]	Result		
			Sample No.	BC-SS01-051711	BC-SS02-051711	BC-SS03-051711
			Sampling Date	5/17/2011	5/17/2011	5/17/2011
			Sample Description	Sample from northwest side of former auto repair building, 0 to 2 feet bgs	Sample from southeast side of former auto repair building, 0 to 2 feet bgs	Sample from corridor between two cannery buildings, 0 to 3 feet bgs
Total Metals						
Total Arsenic	mg/kg	37	NA	3	**69**	21
Total Barium	mg/kg	130,000	NA	26	94	110
Total Cadmium	mg/kg	2,100	NA	0.22	0.39	0.39
Total Chromium	mg/kg	9,200	NA	6.3	9.8	14
Total Copper	mg/kg	73,000	NA	7.2	14	23
Total Lead	mg/kg	900	NA	26	48	32
Total Mercury	mg/kg	580	NA	0.0085 J	0.014 J	0.04 J
Total Selenium	mg/kg	9,600	NA	0.15 J	0.43	0.8
Total Silver	mg/kg	9,000	NA	0.32 J	0.07	0.085
Total Zinc	mg/kg	630,000	NA	32	60	92
Total Cyanide						
Cyanide - Total	mg/kg	250	NA	0.11 U	0.14	0.91

Notes:
Bold and shaded results exceed the regulatory levels.
bgs = Below ground surface
CFR = *Code of Federal Regulations*
DEQ = Department of Environmental Quality
J = Estimated value
mg/kg = Milligram per kilogram
mg/L = Milligram per liter
NA = Not applicable
SVOC = Semivolatile organic compound
TCLP = Toxicity Characteristic Leaching Procedure
VOC = Volatile organic compound
a Regulatory level from Michigan DEQ - Soil: Non-Residential Part 201 Direct Contact Criteria
b Regulatory level from 40 CFR, Part 261, Identification and Listing of Hazardous Waste

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APPENDIX A
SOIL & MATERIALS ENGINEERING INC.
BASELINE ENVIRONMENTAL ASSESSMENT

APPENDIX B
PHOTOGRAPHIC DOCUMENTATION

Site: Blissfield Cannery Site
Photograph No.: 1
Direction: Southwest
Subject: Northern cannery building

Date: 5/17/11
Photographer: Matthew Beer

Site: Blissfield Cannery Site
Photograph No.: 2
Direction: South
Subject: Northern cannery building

Date: 5/17/11
Photographer: Matthew Beer

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Site: Blissfield Cannery Site
Photograph No.: 3 **Date:** 5/17/11
Direction: Southeast **Photographer:** Matthew Beer
Subject: Collapsed roof in southern cannery building

Site: Blissfield Cannery Site
Photograph No.: 4 **Date:** 5/17/11
Direction: South **Photographer:** Matthew Beer
Subject: Missing exterior doors in northern cannery building

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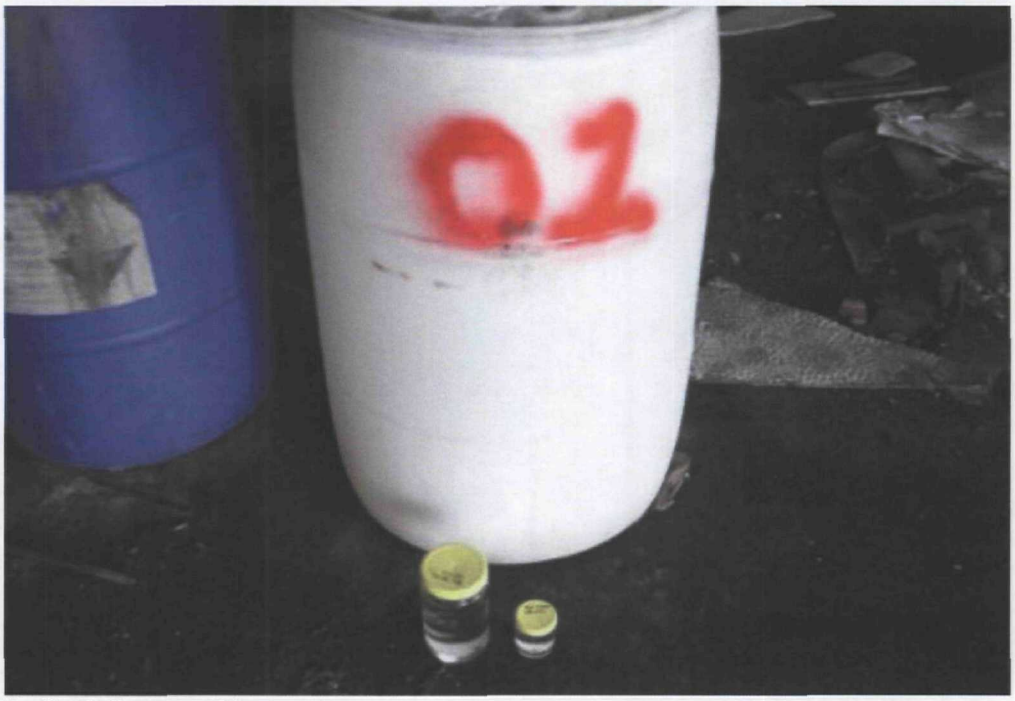
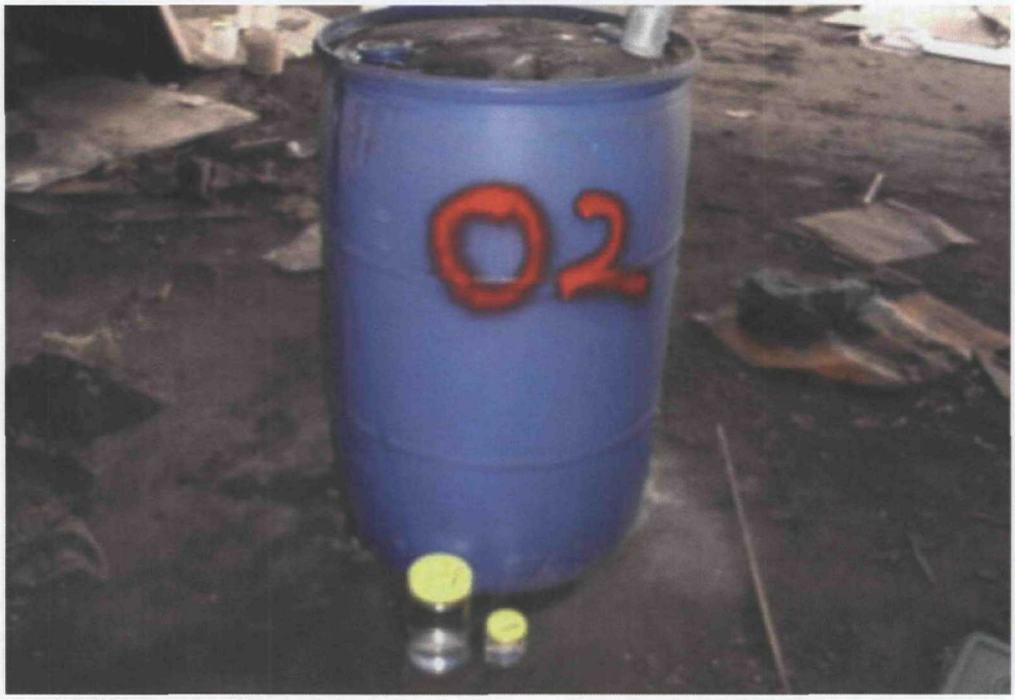


Site: Blissfield Cannery Site
Photograph No.: 5 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Liquid sample BC-WL01-051711 and its container



Site: Blissfield Cannery Site
Photograph No.: 6 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Liquid sample BC-WL02-051711 and its container

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Site: Blissfield Cannery Site
Photograph No.: 7 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Liquid sample BC-WL03-051711 and its container

Site: Blissfield Cannery Site
Photograph No.: 8 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Liquid sample BC-WL04-051711 and its container

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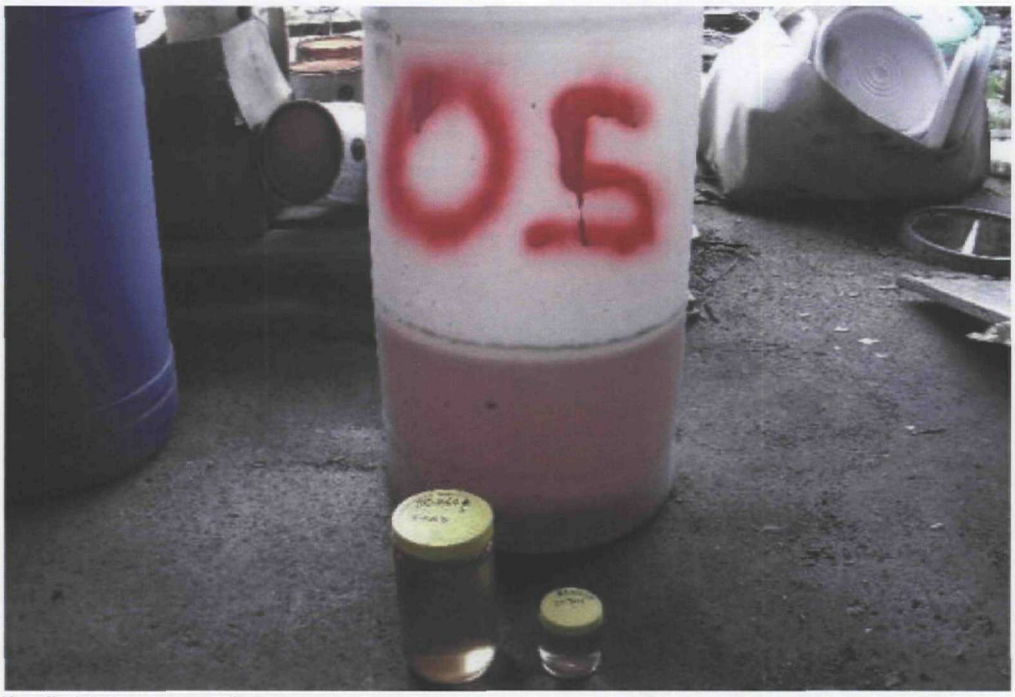
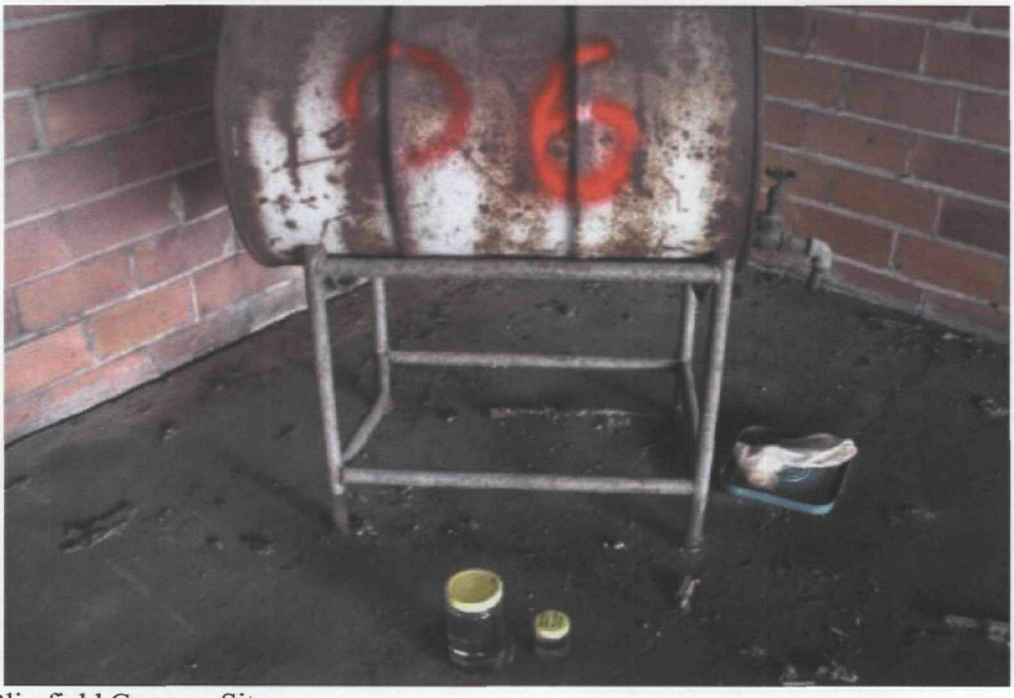


Site: Blissfield Cannery Site
Photograph No.: 009 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Liquid sample BC-WL05-051711 and its container



Site: Blissfield Cannery Site
Photograph No.: 10 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Liquid sample BC-WL06-051711 and its container

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Site: Blissfield Cannery Site
Photograph No.: 11 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Liquid sample BC-WL07-051711 and its container

Site: Blissfield Cannery Site
Photograph No.: 12 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Liquid sample BC-WL08-051711 and its container

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Site: Blissfield Cannery Site
Photograph No.: 13 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Small containers collected from former auto repair building

Site: Blissfield Cannery Site
Photograph No.: 14 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Two pallets of small containers of wood stain and wood finishing products in southern cannery building

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Site: Blissfield Cannery Site
Photograph No.: 15 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Small containers collected from northern cannery building

Site: Blissfield Cannery Site
Photograph No.: 16 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Two drums and cans of paint in northern cannery building

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Site: Blissfield Cannery Site
Photograph No.: 17 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Small containers of film processing and laboratory chemicals collected from southern cannery building

Site: Blissfield Cannery Site
Photograph No.: 18 **Date:** 5/17/11
Direction: Down **Photographer:** Matthew Beer
Subject: Small containers stored outside of northern cannery building

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APPENDIX C
LABORATORY ANALYTICAL REPORT AND DATA VALIDATION REPORT

BLISSFIELD CANNERY SITE
BLISSFIELD, MICHIGAN
DATA VALIDATION REPORT

Date: June 15, 2011
Laboratory: TriMatrix Laboratories (TriMatrix), Grand Rapids, Michigan
Laboratory Project #: 1105332
Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)
Weston Analytical Work Order #/TDD #: 20405.016.001.1295.00/S05-0001-1012-006

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for three soil and eight waste liquid samples collected for the Blissfield Cannery Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Toxicity Characteristic Leaching Procedure (TCLP) Volatile Organic Compounds (VOC) by SW-846 Methods 1311 and 8260B
- TCLP Semivolatile Organic Carbons (SVOC) by SW-846 Methods 1311 and 8270C
- TCLP Metals by SW-846 Methods 1311, 6010C, and 7470A
- Ignitability by SW-846 Method 1020A
- Corrosivity by SW-846 Method 9040C
- Total Cyanide by SW-846 9014

A level II data package was requested from TriMatrix. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008 and "Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" dated October 2004. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

Data Validation Report
Blissfield Cannery Site
TriMatrix Laboratories
Laboratory Project #: 1105332

TCLP VOCs by SW-846 METHODS 1311 AND 8260B

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
BC-SS01-051711	1105332-01	Soil	5/17/2011	5/25/2011
BC-SS02-051711	1105332-02	Soil	5/17/2011	5/26/2011
BC-SS03-051711	1105332-03	Soil	5/17/2011	5/26/2011
BC-WL01-051711	1105332-04	Liquid	5/17/2011	5/28/2011
BC-WL02-051711	1105332-05	Liquid	5/17/2011	5/28/2011
BC-WL03-051711	1105332-06	Liquid	5/17/2011	6/1/2011
BC-WL04-051711	1105332-07	Liquid	5/17/2011	6/1/2011
BC-WL05-051711	1105332-08	Liquid	5/17/2011	5/31/2011
BC-WL06-051711	1105332-09	Liquid	5/17/2011	6/1/2011
BC-WL07-051711	1105332-10	Liquid	5/17/2011	6/1/2011
BC-WL08-051711	1105332-11	Liquid	5/17/2011	6/1/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the TCLP VOC analyses and were free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits except for as follows. In sample BC-WL04-051711, one of the three surrogates was detected slightly below the QC limit. However, this sample was reanalyzed with acceptable surrogate recovery. No qualifications required.

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

TriMatrix used sample BC-WL01-051711as the spiked sample for the MS and MSD. The percent recoveries were within the laboratory-established QC limits except for TCLP trichlorethene which was detected high. Because TCLP trichloroethene was not detected in the samples, no qualification was required. The relative percent differences (RPD) between the MS and MSD were within QC limits.

7. **Overall Assessment**

The TCLP VOC data are acceptable for use based on the information received.

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270C

1. **Samples**

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
BC-SS01-051711	1105332-01	Soil	5/17/2011	5/27/2011	6/4/2011
BC-SS02-051711	1105332-02	Soil	5/17/2011	5/27/2011	6/4/2011
BC-SS03-051711	1105332-03	Soil	5/17/2011	5/27/2011	6/4/2011
BC-WL01-051711	1105332-04	Liquid	5/17/2011	5/26/2011	5/27/2011
BC-WL02-051711	1105332-05	Liquid	5/17/2011	5/26/2011	5/27/2011
BC-WL03-051711	1105332-06	Liquid	5/17/2011	5/26/2011	5/27/2011
BC-WL04-051711	1105332-07	Liquid	5/17/2011	5/26/2011	5/27/2011
BC-WL05-051711	1105332-08	Liquid	5/17/2011	5/26/2011	5/27/2011
BC-WL06-051711	1105332-09	Liquid	5/17/2011	5/26/2011	6/4/2011
BC-WL07-051711	1105332-10	Liquid	5/17/2011	5/26/2011	5/27/2011
BC-WL08-051711	1105332-11	Liquid	5/17/2011	5/26/2011	5/27/2011

2. **Holding Times**

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis for soil samples.

3. Blanks

Method blanks were analyzed with the TCLP SVOC analyses. The method blanks were free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recoveries were within the laboratory-established QC limits. In some instances, the surrogate recoveries were not reported because the samples required dilution which diluted out the surrogates. No qualifications are required in these instances.

5. LCS Results

The percent recoveries for the LCS results were within the laboratory-established QC limits.

6. MS and MSD Results

TriMatrix used sample BC-SS01-051711as the spiked sample for the MS and MSD. The percent recoveries and RPDs were acceptable.

7. Overall Assessment

There were elevated reporting limits for some of the TCLP SVOC analyses due to sample matrix. The laboratory reported down to the method detection limit for the TCLP SVOC results. Those results that are below the reporting limit are flagged "J" as estimated by the laboratory. These flags are accepted.

The TCLP SVOC data are acceptable for use as qualified based on the information received.

Data Validation Report
Blissfield Cannery Site
TriMatrix Laboratories
Laboratory Project #: 1105332

TCLP METALS BY SW-846 METHODS 1311, 6010B, AND 7470A

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
BC-SS01-051711	1105332-01	Soil	5/17/2011	5/25/2011 – 5/26/2011
BC-SS02-051711	1105332-02	Soil	5/17/2011	5/25/2011 – 5/26/2011
BC-SS03-051711	1105332-03	Soil	5/17/2011	5/25/2011 – 5/26/2011
BC-WL01-051711	1105332-04	Liquid	5/17/2011	5/26/2011 – 5/27/2011
BC-WL02-051711	1105332-05	Liquid	5/17/2011	5/26/2011 – 5/27/2011
BC-WL03-051711	1105332-06	Liquid	5/17/2011	5/26/2011 – 5/27/2011
BC-WL04-051711	1105332-07	Liquid	5/17/2011	5/26/2011 – 5/27/2011
BC-WL05-051711	1105332-08	Liquid	5/17/2011	5/26/2011 – 5/27/2011
BC-WL06-051711	1105332-09	Liquid	5/17/2011	5/26/2011 – 5/27/2011
BC-WL07-051711	1105332-10	Liquid	5/17/2011	5/26/2011 – 5/27/2011
BC-WL08-051711	1105332-11	Liquid	5/17/2011	5/26/2011 – 5/27/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the TCLP metals analysis. The blanks were free of target analyte contamination above the reporting limits.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits for target analytes.

5. MS and MSD Results

TriMatrix used sample BC-SS01-051711as the spiked sample for the MS and MSD. The percent recoveries and RPDs were acceptable.

6. Overall Assessment

The TCLP metals data are acceptable for use based on the information received.

GENERAL CHEMISTRY PARAMETERS (Ignitability by SW-846 Method 1020A, Corrosivity by SW-846 Method 9040C, Total Cyanide by SW-846 9014)

1. Samples

The following table summarizes the samples for which this data validation is being conducted. The cyanide results for soil were included under a separate laboratory work order and are include in another data validation report.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
BC-WL01-051711	1105332-04	Liquid	5/17/2011	5/24/2011 – 5/26/2011
BC-WL02-051711	1105332-05	Liquid	5/17/2011	5/24/2011 – 5/26/2011
BC-WL03-051711	1105332-06	Liquid	5/17/2011	5/24/2011 – 5/26/2011
BC-WL04-051711	1105332-07	Liquid	5/17/2011	5/24/2011 – 5/26/2011
BC-WL05-051711	1105332-08	Liquid	5/17/2011	5/24/2011 – 5/26/2011
BC-WL06-051711	1105332-09	Liquid	5/17/2011	5/24/2011 – 5/26/2011
BC-WL07-051711	1105332-10	Liquid	5/17/2011	5/24/2011 – 5/26/2011
BC-WL08-051711	1105332-11	Liquid	5/17/2011	5/24/2011 – 5/26/2011

2. Holding Times

The holding times for all analyses are acceptable.

3. Method Blank

Method blanks were analyzed with the cyanide and ignitabiltiy analyses and had acceptable results.

4. LCS Results

LCSs were analyzed with the cyanide and ignitability analyses. All LCS recoveries were within QC limits.

5. Laboratory Duplicate Results

Laboratory duplicates were analyzed with the pH analyses. The RPDs for laboratory duplicates were within QC limits.

6. Overall Assessment

Because the waste samples were water soluble, TriMatrix analyzed most of the waste samples using pH paper in accordance with SW-846 Method 9040C. The pH results were flagged "J" as estimated.

The general chemistry data are acceptable for use as qualified based on the information received.

Data Validation Report
Blissfield Cannery Site
TriMatrix Laboratories
Laboratory Project #: 1105332

ATTACHMENT

TRIMATRIX ANALYTICAL
RESULTS SUMMARY WITH QUALIFIERS

TRIMATRIX LABORATORIES

June 15, 2011

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Blissfield MI SA

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
1105332	05/18/2011	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS01-051711**	Sampled:	05/17/11 08:30
Lab Sample ID:	**1105332-01**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Percent Solids:	n/a		

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	05/26/11 15:48	KLV	1104980
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	05/26/11 15:48	KLV	1104980
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	05/26/11 15:48	KLV	1104980
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	05/26/11 15:48	KLV	1104980
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	05/26/11 15:48	KLV	1104980
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	05/25/11 08:25	KLV	1104927
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	05/26/11 15:48	KLV	1104980
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	05/26/11 15:48	KLV	1104980

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS01-051711**	Sampled:	05/17/11 08:30
Lab Sample ID:	**1105332-01**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/25/11 By: JDM
Dilution Factor:	100	Analyzed:	05/25/11 By: JDM
QC Batch:	1105278	Analytical Batch:	1E31071
Percent Solids:	n/a		

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	100	*79-124*
1,2-Dichloroethane-d4	98	*75-128*
Toluene-d8	103	*87-113*
4-Bromofluorobenzene	95	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS02-051711**	Sampled:	05/17/11 08:50
Lab Sample ID:	**1105332-02**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Percent Solids:	n/a		

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	05/26/11 16:07	KLV	1104980
Barium	**0.58**	0.35	100	mg/L	1	USEPA-6010C	05/26/11 16:07	KLV	1104980
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	05/26/11 16:07	KLV	1104980
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	05/26/11 16:07	KLV	1104980
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	05/26/11 16:07	KLV	1104980
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	05/25/11 08:49	KLV	1104927
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	05/26/11 16:07	KLV	1104980
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	05/26/11 16:07	KLV	1104980

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS02-051711**	Sampled:	05/17/11 08:50
Lab Sample ID:	**1105332-02**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/25/11 By: JDM
Dilution Factor:	100	Analyzed:	05/26/11 By: JDM
QC Batch:	1105278	Analytical Batch:	1E31071
Percent Solids:	n/a		

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	100	*79-124*
1,2-Dichloroethane-d4	98	*75-128*
Toluene-d8	103	*87-113*
4-Bromofluorobenzene	95	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS03-051711**	Sampled:	05/17/11 11:05
Lab Sample ID:	**1105332-03**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Percent Solids:	n/a		

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	05/26/11 16:11	KLV	1104980
Barium	**0.94**	0.35	100	mg/L	1	USEPA-6010C	05/26/11 16:11	KLV	1104980
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	05/26/11 16:11	KLV	1104980
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	05/26/11 16:11	KLV	1104980
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	05/26/11 16:11	KLV	1104980
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	05/25/11 08:54	KLV	1104927
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	05/26/11 16:11	KLV	1104980
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	05/26/11 16:11	KLV	1104980

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS03-051711**	Sampled:	05/17/11 11:05
Lab Sample ID:	**1105332-03**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/25/11 By: JDM
Dilution Factor:	100	Analyzed:	05/26/11 By: JDM
QC Batch:	1105278	Analytical Batch:	1E31071
Percent Solids:	n/a		

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	101	*79-124*
1,2-Dichloroethane-d4	98	*75-128*
Toluene-d8	102	*87-113*
4-Bromofluorobenzene	95	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL01-051711**	Sampled:	05/17/11 11:50
Lab Sample ID:	**1105332-04**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
*pH	> 12.5 J	0.1		pH Units	1	USEPA-9040C	05/24/11 12:27	KRK	1104947
Cyanide, Total	<1.2	1.2		mg/kg	1	USEPA-9014	05/26/11 12:53	LMA	1105009
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020A	05/26/11 14:35	KRK	1105103

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL01-051711**	Sampled:	05/17/11 11:50
Lab Sample ID:	**1105332-04**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.22	0.22	5	mg/L	1	USEPA-6020A	05/27/11 11:13	DSC	1104879
Barium	<0.22	0.22	100	mg/L	1	USEPA-6020A	05/27/11 11:13	DSC	1104879
Cadmium	<0.043	0.043	1	mg/L	1	USEPA-6020A	05/27/11 11:13	DSC	1104879
Chromium	<0.22	0.22	5	mg/L	1	USEPA-6020A	05/27/11 11:13	DSC	1104879
Lead	<0.22	0.22	5	mg/L	1	USEPA-6020A	05/27/11 11:13	DSC	1104879
Mercury	<0.036	0.036	0.2	mg/L	1	USEPA-7470A	05/26/11 10:10	KLV	1105053
Selenium	<0.22	0.22	1	mg/L	1	USEPA-6020A	05/27/11 11:13	DSC	1104879
Silver	<0.043	0.043	5	mg/L	1	USEPA-6020A	05/27/11 11:13	DSC	1104879

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL01-051711**	Sampled:	05/17/11 11:50
Lab Sample ID:	**1105332-04**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/27/11 By: JDM
Dilution Factor:	100	Analyzed:	05/28/11 By: JDM
QC Batch:	1105278	Analytical Batch:	1E31072

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
*79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	95	*79-124*
1,2-Dichloroethane-d4	100	*75-128*
Toluene-d8	96	*87-113*
4-Bromofluorobenzene	97	*70-121*

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL02-051711**	Sampled:	05/17/11 11:54
Lab Sample ID:	**1105332-05**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
*pH	> 12.5 J	0.1		pH Units	1	USEPA-9040C	05/24/11 12:27	KRK	1104947
Cyanide, Total	<1.2	1.2		mg/kg	1	USEPA-9014	05/26/11 13:07	LMA	1105009
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020A	05/26/11 14:35	KRK	1105103

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL02-051711**	Sampled:	05/17/11 11:54
Lab Sample ID:	**1105332-05**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.22	0.22	5	mg/L	1	USEPA-6020A	05/27/11 11:17	DSC	1104879
Barium	**0.84**	0.22	100	mg/L	1	USEPA-6020A	05/27/11 11:17	DSC	1104879
Cadmium	<0.044	0.044	1	mg/L	1	USEPA-6020A	05/27/11 11:17	DSC	1104879
Chromium	**0.23**	0.22	5	mg/L	1	USEPA-6020A	05/27/11 11:17	DSC	1104879
Lead	<0.22	0.22	5	mg/L	1	USEPA-6020A	05/27/11 11:17	DSC	1104879
Mercury	<0.038	0.038	0.2	mg/L	1	USEPA-7470A	05/26/11 10:15	KLV	1105053
Selenium	<0.22	0.22	1	mg/L	1	USEPA-6020A	05/27/11 11:17	DSC	1104879
Silver	<0.044	0.044	5	mg/L	1	USEPA-6020A	05/27/11 11:17	DSC	1104879

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL02-051711**	Sampled:	05/17/11 11:54
Lab Sample ID:	**1105332-05**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/27/11 By: JDM
Dilution Factor:	100	Analyzed:	05/28/11 By: JDM
QC Batch:	1105278	Analytical Batch:	1E31072

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	94	*79-124*
1,2-Dichloroethane-d4	101	*75-128*
Toluene-d8	97	*87-113*
4-Bromofluorobenzene	97	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL03-051711**	Sampled:	05/17/11 11:58
Lab Sample ID:	**1105332-06**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
*pH	> 12.5 J	0.1		pH Units	1	USEPA-9040C	05/24/11 12:27	KRK	1104947
Cyanide, Total	<1.2	1.2		mg/kg	1	USEPA-9014	05/26/11 13:07	LMA	1105009
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020A	05/26/11 14:35	KRK	1105103

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL03-051711**	Sampled:	05/17/11 11:58
Lab Sample ID:	**1105332-06**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.20	0.20	5	mg/L	1	USEPA-6020A	05/27/11 11:22	DSC	1104879
Barium	**0.26**	0.20	100	mg/L	1	USEPA-6020A	05/27/11 11:22	DSC	1104879
Cadmium	<0.040	0.040	1	mg/L	1	USEPA-6020A	05/27/11 11:22	DSC	1104879
Chromium	<0.20	0.20	5	mg/L	1	USEPA-6020A	05/27/11 11:22	DSC	1104879
Lead	<0.20	0.20	5	mg/L	1	USEPA-6020A	05/27/11 11:22	DSC	1104879
Mercury	<0.035	0.035	0.2	mg/L	1	USEPA-7470A	05/26/11 10:20	KLV	1105053
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6020A	05/27/11 11:22	DSC	1104879
Silver	<0.040	0.040	5	mg/L	1	USEPA-6020A	05/27/11 11:22	DSC	1104879

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL03-051711**	Sampled:	05/17/11 11:58
Lab Sample ID:	**1105332-06**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	06/01/11 By: DLV
Dilution Factor:	100	Analyzed:	06/01/11 By: DLV
QC Batch:	1104780	Analytical Batch:	1F02033

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	82	*79-124*
1,2-Dichloroethane-d4	95	*75-128*
Toluene-d8	98	*87-113*
4-Bromofluorobenzene	100	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL04-051711**	Sampled:	05/17/11 12:05
Lab Sample ID:	**1105332-07**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
*pH	> 12.5 J	0.1		pH Units	1	USEPA-9040C	05/24/11 12:27	KRK	1104947
Cyanide, Total	<1.2	1.2		mg/kg	1	USEPA-9014	05/26/11 13:07	LMA	1105009
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020A	05/26/11 14:35	KRK	1105103

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL04-051711**	Sampled:	05/17/11 12:05
Lab Sample ID:	**1105332-07**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	**0.41**	0.30	5	mg/L	1	USEPA-6020A	05/27/11 11:35	DSC	1104879
Barium	<0.30	0.30	100	mg/L	1	USEPA-6020A	05/27/11 11:35	DSC	1104879
Cadmium	<0.060	0.060	1	mg/L	1	USEPA-6020A	05/27/11 11:35	DSC	1104879
Chromium	<0.30	0.30	5	mg/L	1	USEPA-6020A	05/27/11 11:35	DSC	1104879
*Lead	<1.5	1.5	5	mg/L	5	USEPA-6020A	05/27/11 13:42	DSC	1104879
Mercury	<0.047	0.047	0.2	mg/L	1	USEPA-7470A	05/26/11 10:38	KLV	1105053
Selenium	<0.30	0.30	1	mg/L	1	USEPA-6020A	05/27/11 11:35	DSC	1104879
Silver	<0.060	0.060	5	mg/L	1	USEPA-6020A	05/27/11 11:35	DSC	1104879

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL04-051711**	Sampled:	05/17/11 12:05
Lab Sample ID:	**1105332-07**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/31/11 By: DLV
Dilution Factor:	500	Analyzed:	05/31/11 By: JDM
QC Batch:	1104780	Analytical Batch:	1F02032

*TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.50	0.50	0.5
56-23-5	Carbon Tetrachloride	<0.50	0.50	0.5
108-90-7	Chlorobenzene	<0.50	0.50	100
67-66-3	Chloroform	<0.50	0.50	6
107-06-2	1,2-Dichloroethane	<0.50	0.50	0.5
75-35-4	1,1-Dichloroethene	<0.50	0.50	0.7
*78-93-3	2-Butanone (MEK)	<25	25	200
127-18-4	Tetrachloroethene	<0.50	0.50	0.7
79-01-6	Trichloroethene	<0.50	0.50	0.5
75-01-4	Vinyl Chloride	<0.50	0.50	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	**64**	*79-124*
1,2-Dichloroethane-d4	103	*75-128*
Toluene-d8	100	*87-113*
4-Bromofluorobenzene	99	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL04-051711**	Sampled:	05/17/11 12:05
Lab Sample ID:	**1105332-07RE1**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	06/01/11 By: DLV
Dilution Factor:	5000	Analyzed:	06/01/11 By: DLV
QC Batch:	1104780	Analytical Batch:	1F02033

*TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<5.0	5.0	0.5
56-23-5	Carbon Tetrachloride	<5.0	5.0	0.5
108-90-7	Chlorobenzene	<5.0	5.0	100
67-66-3	Chloroform	<5.0	5.0	6
107-06-2	1,2-Dichloroethane	<5.0	5.0	0.5
75-35-4	1,1-Dichloroethene	<5.0	5.0	0.7
78-93-3	2-Butanone (MEK)	<250	250	200
127-18-4	Tetrachloroethene	<5.0	5.0	0.7
79-01-6	Trichloroethene	<5.0	5.0	0.5
75-01-4	Vinyl Chloride	<5.0	5.0	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	86	*79-124*
1,2-Dichloroethane-d4	95	*75-128*
Toluene-d8	100	*87-113*
4-Bromofluorobenzene	99	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL05-051711**	Sampled:	05/17/11 12:10
Lab Sample ID:	**1105332-08**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
pH	**4.8**	0.1		pH Units	1	USEPA-9040C	05/24/11 12:19	KRK	1104946
Cyanide, Total	<1.2	1.2		mg/kg	1	USEPA-9014	05/26/11 13:07	LMA	1105009
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020A	05/26/11 14:35	KRK	1105103

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL05-051711**	Sampled:	05/17/11 12:10
Lab Sample ID:	**1105332-08**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.28	0.28	5	mg/L	1	USEPA-6020A	05/27/11 11:40	DSC	1104879
Barium	**0.37**	0.28	100	mg/L	1	USEPA-6020A	05/27/11 11:40	DSC	1104879
Cadmium	**0.30**	0.057	1	mg/L	1	USEPA-6020A	05/27/11 11:40	DSC	1104879
Chromium	**0.50**	0.28	5	mg/L	1	USEPA-6020A	05/27/11 11:40	DSC	1104879
Lead	<0.28	0.28	5	mg/L	1	USEPA-6020A	05/27/11 11:40	DSC	1104879
Mercury	<0.048	0.048	0.2	mg/L	1	USEPA-7470A	05/26/11 10:43	KLV	1105053
Selenium	<0.28	0.28	1	mg/L	1	USEPA-6020A	05/27/11 11:40	DSC	1104879
Silver	<0.057	0.057	5	mg/L	1	USEPA-6020A	05/27/11 11:40	DSC	1104879

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL05-051711**	Sampled:	05/17/11 12:10
Lab Sample ID:	**1105332-08**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/31/11 By: DLV
Dilution Factor:	100	Analyzed:	05/31/11 By: JDM
QC Batch:	1104780	Analytical Batch:	1F02032

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
*78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	102	*79-124*
1,2-Dichloroethane-d4	102	*75-128*
Toluene-d8	100	*87-113*
4-Bromofluorobenzene	98	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL06-051711**	Sampled:	05/17/11 12:14
Lab Sample ID:	**1105332-09**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
pH	**7.0**	0.1		pH Units	1	USEPA-9040C	05/24/11 12:19	KRK	1104946
Cyanide, Total	<1.2	1.2		mg/kg	1	USEPA-9014	05/26/11 13:07	LMA	1105009
Flashpoint, Closed-Cup	**167**	68		°F	1	USEPA-1020A	05/26/11 14:35	KRK	1105103

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL06-051711**	Sampled:	05/17/11 12:14
Lab Sample ID:	**1105332-09**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.26	0.26	5	mg/L	1	USEPA-6020A	05/27/11 11:44	DSC	1104879
Barium	<0.26	0.26	100	mg/L	1	USEPA-6020A	05/27/11 11:44	DSC	1104879
Cadmium	<0.052	0.052	1	mg/L	1	USEPA-6020A	05/27/11 11:44	DSC	1104879
Chromium	<0.26	0.26	5	mg/L	1	USEPA-6020A	05/27/11 11:44	DSC	1104879
Lead	<0.26	0.26	5	mg/L	1	USEPA-6020A	05/27/11 11:44	DSC	1104879
Mercury	<0.040	0.040	0.2	mg/L	1	USEPA-7470A	05/26/11 10:48	KLV	1105053
Selenium	<0.26	0.26	1	mg/L	1	USEPA-6020A	05/27/11 11:44	DSC	1104879
Silver	<0.052	0.052	5	mg/L	1	USEPA-6020A	05/27/11 11:44	DSC	1104879

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL06-051711**	Sampled:	05/17/11 12:14
Lab Sample ID:	**1105332-09**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	06/01/11 By: DLV
Dilution Factor:	50000	Analyzed:	06/01/11 By: DLV
QC Batch:	1104780	Analytical Batch:	1F02033

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<50	50	0.5
56-23-5	Carbon Tetrachloride	<50	50	0.5
108-90-7	Chlorobenzene	**2900**	50	100
67-66-3	Chloroform	<50	50	6
107-06-2	1,2-Dichloroethane	<50	50	0.5
75-35-4	1,1-Dichloroethene	<50	50	0.7
78-93-3	2-Butanone (MEK)	<2500	2500	200
127-18-4	Tetrachloroethene	<50	50	0.7
79-01-6	Trichloroethene	<50	50	0.5
75-01-4	Vinyl Chloride	<50	50	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	97	*79-124*
1,2-Dichloroethane-d4	95	*75-128*
Toluene-d8	98	*87-113*
4-Bromofluorobenzene	100	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL07-051711**	Sampled:	05/17/11 12:25
Lab Sample ID:	**1105332-10**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
*pH	> 12.5 J	0.1		pH Units	1	USEPA-9040C	05/24/11 12:27	KRK	1104947
Cyanide, Total	<1.2	1.2		mg/kg	1	USEPA-9014	05/26/11 13:07	LMA	1105009
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020A	05/26/11 14:35	KRK	1105103

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL07-051711**	Sampled:	05/17/11 12:25
Lab Sample ID:	**1105332-10**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.19	0.19	5	mg/L	1	USEPA-6020A	05/27/11 11:49	DSC	1104879
Barium	<0.19	0.19	100	mg/L	1	USEPA-6020A	05/27/11 11:49	DSC	1104879
Cadmium	<0.038	0.038	1	mg/L	1	USEPA-6020A	05/27/11 11:49	DSC	1104879
Chromium	<0.19	0.19	5	mg/L	1	USEPA-6020A	05/27/11 11:49	DSC	1104879
Lead	<0.19	0.19	5	mg/L	1	USEPA-6020A	05/27/11 11:49	DSC	1104879
Mercury	<0.031	0.031	0.2	mg/L	1	USEPA-7470A	05/26/11 10:53	KLV	1105053
Selenium	<0.19	0.19	1	mg/L	1	USEPA-6020A	05/27/11 11:49	DSC	1104879
Silver	<0.038	0.038	5	mg/L	1	USEPA-6020A	05/27/11 11:49	DSC	1104879

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL07-051711**	Sampled:	05/17/11 12:25
Lab Sample ID:	**1105332-10**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	06/01/11 By: DLV
Dilution Factor:	100	Analyzed:	06/01/11 By: DLV
QC Batch:	1104780	Analytical Batch:	1F02033

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	94	*79-124*
1,2-Dichloroethane-d4	94	*75-128*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	100	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL08-051711**	Sampled:	05/17/11 12:25
Lab Sample ID:	**1105332-11**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
*pH	<2 J	0.1		pH Units	1	USEPA-9040C	05/24/11 12:35	KRK	1104948
Cyanide, Total	<1.2	1.2		mg/kg	1	USEPA-9014	05/26/11 13:07	LMA	1105009
Flashpoint, Closed-Cup	> 200	68		°F	1	USEPA-1020A	05/26/11 14:35	KRK	1105103

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL08-051711**	Sampled:	05/17/11 12:25
Lab Sample ID:	**1105332-11**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	**0.69**	0.26	5	mg/L	1	USEPA-6020A	05/27/11 11:53	DSC	1104879
Barium	<0.26	0.26	100	mg/L	1	USEPA-6020A	05/27/11 11:53	DSC	1104879
Cadmium	**17**	0.26	1	mg/L	5	USEPA-6020A	05/27/11 13:51	DSC	1104879
Chromium	**450**	26	5	mg/L	100	USEPA-6020A	05/27/11 13:47	DSC	1104879
Lead	**0.88**	0.26	5	mg/L	1	USEPA-6020A	05/27/11 11:53	DSC	1104879
Mercury	<0.041	0.041	0.2	mg/L	1	USEPA-7470A	05/26/11 10:58	KLV	1105053
Selenium	**0.36**	0.26	1	mg/L	1	USEPA-6020A	05/27/11 11:53	DSC	1104879
Silver	<0.051	0.051	5	mg/L	1	USEPA-6020A	05/27/11 11:53	DSC	1104879

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL08-051711**	Sampled:	05/17/11 12:25
Lab Sample ID:	**1105332-11**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	06/01/11 By: DLV
Dilution Factor:	100	Analyzed:	06/01/11 By: DLV
QC Batch:	1104780	Analytical Batch:	1F02033

TCLP Volatile Organics by EPA Method 1311/8260B

CAS Number	Analyte	Analytical Result	RL	Action Limit
71-43-2	Benzene	<0.10	0.10	0.5
56-23-5	Carbon Tetrachloride	<0.10	0.10	0.5
108-90-7	Chlorobenzene	<0.10	0.10	100
67-66-3	Chloroform	<0.10	0.10	6
107-06-2	1,2-Dichloroethane	<0.10	0.10	0.5
75-35-4	1,1-Dichloroethene	<0.10	0.10	0.7
78-93-3	2-Butanone (MEK)	<5.0	5.0	200
127-18-4	Tetrachloroethene	<0.10	0.10	0.7
79-01-6	Trichloroethene	<0.10	0.10	0.5
75-01-4	Vinyl Chloride	<0.10	0.10	0.2

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	99	*79-124*
1,2-Dichloroethane-d4	95	*75-128*
Toluene-d8	99	*87-113*
4-Bromofluorobenzene	100	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS01-051711**	Sampled:	05/17/11 08:30
Lab Sample ID:	**1105332-01**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/27/11 By: JTS
Dilution Factor:	1	Analyzed:	06/04/11 By: JLB
QC Batch:	1105146	Analytical Batch:	1F04010
Percent Solids:	n/a		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.0050U	0.0050	0.00072
121-14-2	2,4-Dinitrotoluene	0.0050U	0.0050	0.0015
118-74-1	Hexachlorobenzene	0.0050U	0.0050	0.00065
87-68-3	Hexachlorobutadiene	0.0050U	0.0050	0.0013
67-72-1	Hexachloroethane	0.0050U	0.0050	0.0013
98-95-3	Nitrobenzene	0.0050U	0.0050	0.0018
110-86-1	Pyridine	0.050U	0.050	0.0036
87-86-5	Pentachlorophenol	0.0050U	0.0050	0.00094
88-06-2	2,4,6-Trichlorophenol	0.0050U	0.0050	0.00065
95-95-4	2,4,5-Trichlorophenol	0.0050U	0.0050	0.00030
95-48-7	2-Methylphenol	0.0050U	0.0050	0.0013
*108-39-4	3+4-Methylphenol	0.0050U	0.0050	0.0011

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	72	*20-121*
Phenol-d6	59	*10-105*
Nitrobenzene-d5	95	*38-141*
2-Fluorobiphenyl	90	*41-132*
2,4,6-Tribromophenol	96	*20-142*
o-Terphenyl	107	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS02-051711**	Sampled:	05/17/11 08:50
Lab Sample ID:	**1105332-02**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/27/11 By: JTS
Dilution Factor:	1	Analyzed:	06/04/11 By: JLB
QC Batch:	1105146	Analytical Batch:	1F04010
Percent Solids:	n/a		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	**0.021**	0.0050	0.00072
121-14-2	2,4-Dinitrotoluene	0.0050U	0.0050	0.0015
118-74-1	Hexachlorobenzene	0.0050U	0.0050	0.00065
87-68-3	Hexachlorobutadiene	0.0050U	0.0050	0.0013
67-72-1	Hexachloroethane	0.0050U	0.0050	0.0013
98-95-3	Nitrobenzene	0.0050U	0.0050	0.0018
110-86-1	Pyridine	0.050U	0.050	0.0036
87-86-5	Pentachlorophenol	0.0050U	0.0050	0.00094
88-06-2	2,4,6-Trichlorophenol	0.0050U	0.0050	0.00065
95-95-4	2,4,5-Trichlorophenol	0.0050U	0.0050	0.00030
95-48-7	2-Methylphenol	0.0050U	0.0050	0.0013
108-39-4	3+4-Methylphenol	0.0050U	0.0050	0.0011

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	57	*20-121*
Phenol-d6	50	*10-105*
Nitrobenzene-d5	98	*38-141*
2-Fluorobiphenyl	91	*41-132*
2,4,6-Tribromophenol	80	*20-142*
o-Terphenyl	112	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-SS03-051711**	Sampled:	05/17/11 11:05
Lab Sample ID:	**1105332-03**	Sampled By:	M.B.
Matrix:	Soil	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/27/11 By: JTS
Dilution Factor:	1	Analyzed:	06/04/11 By: JLB
QC Batch:	1105146	Analytical Batch:	1F04010
Percent Solids:	n/a		

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.0050U	0.0050	0.00072
121-14-2	2,4-Dinitrotoluene	0.0050U	0.0050	0.0015
118-74-1	Hexachlorobenzene	0.0050U	0.0050	0.00065
87-68-3	Hexachlorobutadiene	0.0050U	0.0050	0.0013
67-72-1	Hexachloroethane	0.0050U	0.0050	0.0013
98-95-3	Nitrobenzene	0.0050U	0.0050	0.0018
110-86-1	Pyridine	0.050U	0.050	0.0036
87-86-5	Pentachlorophenol	0.0050U	0.0050	0.00094
88-06-2	2,4,6-Trichlorophenol	0.0050U	0.0050	0.00065
95-95-4	2,4,5-Trichlorophenol	0.0050U	0.0050	0.00030
95-48-7	2-Methylphenol	0.0050U	0.0050	0.0013
108-39-4	3+4-Methylphenol	0.0050U	0.0050	0.0011

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	49	*20-121*
Phenol-d6	45	*10-105*
Nitrobenzene-d5	97	*38-141*
2-Fluorobiphenyl	90	*41-132*
2,4,6-Tribromophenol	68	*20-142*
o-Terphenyl	110	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL01-051711**	Sampled:	05/17/11 11:50
Lab Sample ID:	**1105332-04**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/26/11 By: BJH
Dilution Factor:	10	Analyzed:	05/27/11 By: JLB
QC Batch:	1105139	Analytical Batch:	1F02068

*TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	5.0U	5.0	0.049
121-14-2	2,4-Dinitrotoluene	5.0U	5.0	0.094
118-74-1	Hexachlorobenzene	5.0U	5.0	0.13
87-68-3	Hexachlorobutadiene	5.0U	5.0	0.034
67-72-1	Hexachloroethane	5.0U	5.0	0.12
98-95-3	Nitrobenzene	5.0U	5.0	0.13
110-86-1	Pyridine	50U	50	3.6
87-86-5	Pentachlorophenol	5.0U	5.0	0.11
88-06-2	2,4,6-Trichlorophenol	5.0U	5.0	0.17
95-95-4	2,4,5-Trichlorophenol	5.0U	5.0	0.11
95-48-7	2-Methylphenol	5.0U	5.0	0.038
108-39-4	3+4-Methylphenol	5.0U	5.0	0.17

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	38	*20-121*
Phenol-d6	26	*10-105*
Nitrobenzene-d5	81	*38-141*
2-Fluorobiphenyl	117	*41-132*
2,4,6-Tribromophenol	58	*20-142*
o-Terphenyl	119	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL02-051711**	Sampled:	05/17/11 11:54
Lab Sample ID:	**1105332-05**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/26/11 By: BJH
Dilution Factor:	10	Analyzed:	05/27/11 By: JLB
QC Batch:	1105139	Analytical Batch:	1F02068

*TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	5.0U	5.0	0.049
121-14-2	2,4-Dinitrotoluene	5.0U	5.0	0.094
118-74-1	Hexachlorobenzene	5.0U	5.0	0.13
87-68-3	Hexachlorobutadiene	5.0U	5.0	0.034
67-72-1	Hexachloroethane	5.0U	5.0	0.12
98-95-3	Nitrobenzene	5.0U	5.0	0.13
110-86-1	Pyridine	50U	50	3.6
87-86-5	Pentachlorophenol	5.0U	5.0	0.11
88-06-2	2,4,6-Trichlorophenol	5.0U	5.0	0.17
95-95-4	2,4,5-Trichlorophenol	5.0U	5.0	0.11
95-48-7	2-Methylphenol	5.0U	5.0	0.038
108-39-4	3+4-Methylphenol	5.0U	5.0	0.17

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	37	*20-121*
Phenol-d6	33	*10-105*
Nitrobenzene-d5	81	*38-141*
2-Fluorobiphenyl	119	*41-132*
2,4,6-Tribromophenol	52	*20-142*
o-Terphenyl	120	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL03-051711**	Sampled:	05/17/11 11:58
Lab Sample ID:	**1105332-06**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/26/11 By: BJH
Dilution Factor:	10	Analyzed:	05/27/11 By: JLB
QC Batch:	1105139	Analytical Batch:	1F02068

*TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	5.0U	5.0	0.049
121-14-2	2,4-Dinitrotoluene	5.0U	5.0	0.094
118-74-1	Hexachlorobenzene	5.0U	5.0	0.13
87-68-3	Hexachlorobutadiene	5.0U	5.0	0.034
67-72-1	Hexachloroethane	5.0U	5.0	0.12
98-95-3	Nitrobenzene	**1.0J**	5.0	0.13
110-86-1	Pyridine	50U	50	3.6
87-86-5	Pentachlorophenol	5.0U	5.0	0.11
88-06-2	2,4,6-Trichlorophenol	5.0U	5.0	0.17
95-95-4	2,4,5-Trichlorophenol	5.0U	5.0	0.11
95-48-7	2-Methylphenol	5.0U	5.0	0.038
108-39-4	3+4-Methylphenol	5.0U	5.0	0.17

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL04-051711**	Sampled:	05/17/11 12:05
Lab Sample ID:	**1105332-07**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/26/11 By: BJH
Dilution Factor:	10	Analyzed:	05/27/11 By: JLB
QC Batch:	1105139	Analytical Batch:	1F02068

*TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	5.0U	5.0	0.049
121-14-2	2,4-Dinitrotoluene	5.0U	5.0	0.094
118-74-1	Hexachlorobenzene	5.0U	5.0	0.13
87-68-3	Hexachlorobutadiene	5.0U	5.0	0.034
67-72-1	Hexachloroethane	5.0U	5.0	0.12
98-95-3	Nitrobenzene	5.0U	5.0	0.13
110-86-1	Pyridine	50U	50	3.6
87-86-5	Pentachlorophenol	5.0U	5.0	0.11
88-06-2	2,4,6-Trichlorophenol	5.0U	5.0	0.17
95-95-4	2,4,5-Trichlorophenol	5.0U	5.0	0.11
95-48-7	2-Methylphenol	5.0U	5.0	0.038
108-39-4	3+4-Methylphenol	5.0U	5.0	0.17

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL05-051711**	Sampled:	05/17/11 12:10
Lab Sample ID:	**1105332-08**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/26/11 By: BJH
Dilution Factor:	10	Analyzed:	05/27/11 By: JLB
QC Batch:	1105139	Analytical Batch:	1F02068

*TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	5.0U	5.0	0.049
121-14-2	2,4-Dinitrotoluene	5.0U	5.0	0.094
118-74-1	Hexachlorobenzene	5.0U	5.0	0.13
87-68-3	Hexachlorobutadiene	5.0U	5.0	0.034
67-72-1	Hexachloroethane	5.0U	5.0	0.12
98-95-3	Nitrobenzene	5.0U	5.0	0.13
110-86-1	Pyridine	50U	50	3.6
87-86-5	Pentachlorophenol	5.0U	5.0	0.11
88-06-2	2,4,6-Trichlorophenol	5.0U	5.0	0.17
95-95-4	2,4,5-Trichlorophenol	5.0U	5.0	0.11
95-48-7	2-Methylphenol	5.0U	5.0	0.038
108-39-4	3+4-Methylphenol	5.0U	5.0	0.17

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	56	*20-121*
Phenol-d6	75	*10-105*
Nitrobenzene-d5	86	*38-141*
2-Fluorobiphenyl	118	*41-132*
2,4,6-Tribromophenol	40	*20-142*
o-Terphenyl	124	*39-148*

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL06-051711**	Sampled:	05/17/11 12:14
Lab Sample ID:	**1105332-09**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/26/11 By: BJH
Dilution Factor:	1000	Analyzed:	06/04/11 By: JLB
QC Batch:	1105139	Analytical Batch:	1F04010

*TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	**220000**	500	4.9
121-14-2	2,4-Dinitrotoluene	500U	500	9.4
118-74-1	Hexachlorobenzene	500U	500	13
87-68-3	Hexachlorobutadiene	500U	500	3.4
67-72-1	Hexachloroethane	500U	500	12
98-95-3	Nitrobenzene	500U	500	13
110-86-1	Pyridine	5000U	5000	360
87-86-5	Pentachlorophenol	500U	500	11
88-06-2	2,4,6-Trichlorophenol	500U	500	17
95-95-4	2,4,5-Trichlorophenol	500U	500	11
95-48-7	2-Methylphenol	500U	500	3.8
108-39-4	3+4-Methylphenol	500U	500	17

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL07-051711**	Sampled:	05/17/11 12:25
Lab Sample ID:	**1105332-10**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/26/11 By: BJH
Dilution Factor:	10	Analyzed:	05/27/11 By: JLB
QC Batch:	1105139	Analytical Batch:	1F02068

*TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	**1.0J**	4.9	0.049
121-14-2	2,4-Dinitrotoluene	4.9U	4.9	0.094
118-74-1	Hexachlorobenzene	4.9U	4.9	0.13
87-68-3	Hexachlorobutadiene	4.9U	4.9	0.034
67-72-1	Hexachloroethane	4.9U	4.9	0.12
98-95-3	Nitrobenzene	4.9U	4.9	0.13
110-86-1	Pyridine	49U	49	3.6
87-86-5	Pentachlorophenol	4.9U	4.9	0.11
88-06-2	2,4,6-Trichlorophenol	4.9U	4.9	0.17
95-95-4	2,4,5-Trichlorophenol	4.9U	4.9	0.11
95-48-7	2-Methylphenol	4.9U	4.9	0.038
108-39-4	3+4-Methylphenol	4.9U	4.9	0.17

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	52	*20-121*
Phenol-d6	78	*10-105*
Nitrobenzene-d5	87	*38-141*
2-Fluorobiphenyl	113	*41-132*
2,4,6-Tribromophenol	39	*20-142*
o-Terphenyl	119	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**1105332**
Project:	Blissfield MI SA	Description:	Laboratory Services
Client Sample ID:	**BC-WL08-051711**	Sampled:	05/17/11 12:25
Lab Sample ID:	**1105332-11**	Sampled By:	M.B.
Matrix:	Liquid Waste	Received:	05/18/11 17:20
Unit:	mg/L	Prepared:	05/26/11 By: BJH
Dilution Factor:	10	Analyzed:	05/27/11 By: JLB
QC Batch:	1105139	Analytical Batch:	1F02068

*TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	MDL
106-46-7	1,4-Dichlorobenzene	**1.0J**	5.0	0.049
121-14-2	2,4-Dinitrotoluene	5.0U	5.0	0.094
118-74-1	Hexachlorobenzene	5.0U	5.0	0.13
87-68-3	Hexachlorobutadiene	5.0U	5.0	0.034
67-72-1	Hexachloroethane	5.0U	5.0	0.12
98-95-3	Nitrobenzene	5.0U	5.0	0.13
110-86-1	Pyridine	50U	50	3.6
87-86-5	Pentachlorophenol	5.0U	5.0	0.11
88-06-2	2,4,6-Trichlorophenol	5.0U	5.0	0.17
95-95-4	2,4,5-Trichlorophenol	5.0U	5.0	0.11
95-48-7	2-Methylphenol	5.0U	5.0	0.038
108-39-4	3+4-Methylphenol	5.0U	5.0	0.17

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Re:	Blissfield Site		
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