



REVISED CORRECTIVE MEASURE STUDY WORK PLAN EAST PLANT

**ARKEMA INC.
RIVERVIEW/WYANDOTTE, MICHIGAN**

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1.0 INTRODUCTION

This Corrective Measure Study (CMS) Work Plan serves as the Preliminary Corrective Measure Technologies Report for the Arkema Inc. (Arkema), Riverview/Wyandotte Michigan East Plant. This CMS Work Plan has been prepared by Conestoga-Rovers & Associates (CRA) in accordance with Attachment IV, Task I of the Administrative Order on Consent dated September 21, 1989.

Based on the results of the approved RCRA Facility Investigation (RFI), this Report identifies, screens, and develops alternatives for mitigation of Solid Waste Management Units (SWMUs) and Areas of concern (Areas) identified at Arkema's East Plant in the United States Environmental Protection Agency (U.S. EPA) *Final Determination for the Corrective Measure Study* letter, dated February 1, 2006. The identified areas of concern the CMS is to address are provided on Table 1.1.

In accordance with Attachment IV, Task I of the Administrative Order, this Report includes the following elements:

- Description of Current Situation;
- Establishment of Corrective Measure Objectives;
- Screening of Corrective Measure Technologies;
- Identification of the Corrective Measure Alternatives;
- Laboratory and Bench Scale Studies; and
- Schedule.

2.0 DESCRIPTION OF CURRENT SITUATION

The Arkema East Plant is located on approximately 90 acres along the western bank of the Trenton Channel of the Detroit River in the Cities of Riverview and Wyandotte, Michigan, as shown in Figure 2.1. The northern portion of the facility is located in the City of Wyandotte and the southern portion in the City of Riverview. The Site is bounded on the east by the Trenton Channel of the Detroit River, on the south by a decommissioned Firestone facility (now Materials Processing, Inc.), on the west by the Arkema Inc. Riverview West Plant and the Wayne County wastewater treatment plant (WWTP), and on the north by the Wyandotte Shores Municipal Golf Course (former site of the BASF Southworks facility).

2.1 SITE BACKGROUND/REGULATORY SETTING

The East Plant facility was built in 1898. The facility was in active production from 1898 to December 1985, when plant closure activities began. Past operations at the East Plant included production and/or distribution of inorganic and organic compounds by various companies. A history of East Plant manufacturing operations is provided in the RFI report. Currently, a cooling water pumping station (Building 47 - used by the West Plant) and a groundwater treatment building used for the Area 17 Interim Remedial Measure (IRM) are the only structures that remain on-Site. Figure 2.2 provides a layout of the facility showing current conditions at the East Plant. Figure 2.3 provides a general layout of the facility showing locations of former process buildings.

In 1989 Arkema signed a U.S. EPA Administrative Consent Order (ACO) requiring that a RFI and Corrective Measure Study (CMS) be performed at the Site. Environmental activities completed pursuant to the ACO at the East Plant since that time include the following items, which are described in more detail in the subsequent paragraphs:

1. Phase I RFI in 1993;
2. Remediation of the former National Pollutant Discharge Elimination System (NPDES) surface impoundments, referred to as SWMU 12 in 1994;
3. Soil boring investigation in the Halowax Area, referred to as Area 17 in 1995;
4. Construction of an IRM at the Halowax Area in 1999;
5. Phase II RFI including human-health and ecological risk assessments in 1999;
6. Recording of Industrial/Commercial II deed restrictions in 2001;
7. Supplemental groundwater sampling to support an Environmental Indicator (EI) Determination (CA 750) in 2004; and
8. Qualitative analysis of tentatively identified compounds (TICs) and proposed removal action (included as Attachment A).

Phase I RFI

The Phase I RFI activities were performed by Roy F. Weston, Inc. (Weston) and involved investigations of hydrogeology, soils, quantification of potential groundwater and soil conditions, source area characterization and delineation, and studies to identify potential receptors that could be affected by the presence of constituents at the Site. The Phase I RFI was completed from June to November 1993 in accordance with U.S. EPA approved Phase I RFI Work Plans.

The Draft Phase I RFI Report for the East Plant was submitted to the U.S. EPA in April 1994. It was determined that a second phase of investigation was warranted and that the Draft Phase I RFI Report would not be finalized. Instead, the results from the Phase I and Phase II RFIs would be presented in one RFI report, to be submitted upon completion of the Phase II activities.

Remediation of the former NPDES surface impoundments (SWMU 12)

Following the Phase I RFI, SWMU 12 was the subject of a removal action performed in the fall of 1994. The removal action was performed by ENSR Remediation and Construction in accordance with the U.S. EPA approved Work Plan entitled: *RCRA Corrective Action Interim Measures Workplan for Ponds No. 1 and No.2*, prepared by Roy F. Weston, Inc. dated September 29, 1993. In summary, the removal action consisted of removing impoundment water from Ponds 1 and 2, solidifying the solids and bank materials, disposing materials off-Site in accordance with applicable federal and state regulations, and collecting post-closure samples.

July 1995 Soil Boring Investigation (Area 17)

In July 1995 a soil boring investigation was conducted in the Halowax Area. The results of the investigation were used in combination with existing Site data to evaluate the lateral and vertical extent of impact and to assess the feasibility of constructing a low permeability barrier in the Halowax area as part of an IRM.

Halowax IRM (Area 17)

The Halowax IRM was installed starting in October 1999 and was operational beginning in July 2000. The IRM consisted of the following elements:

- Containment wall;
- Groundwater extraction system;
- Enhanced groundwater extraction (Phytoremediation);
- Soil cover;
- Groundwater treatment system; and
- Groundwater treatment system monitoring.

Phase II RFI

The Phase II RFI activities were conducted from October 1999 through February 2000 by CRA and focused on SWMU characterizations based upon the results of the Phase I RFI. Specifically, the characterizations primarily focused on delineating the horizontal and vertical extent of the SWMUs/ Areas identified during the Phase I RFI, and obtaining data to supplement the data collected during the Phase I RFI. The Phase II RFI included a risk assessment that evaluated the potential risks to human and ecological receptors at the Site. Conclusions and recommendation were also provided in the RFI report. The Draft Phase II RFI Report (which included Phase I RFI data from Weston) was submitted to the U.S. EPA on August 18, 2000.

In February 2001 and June 2003, the U.S. EPA provided comments on the Report. A Final RFI Report was submitted to the U.S. EPA on July 29, 2004 incorporating agreed to modifications.

Industrial/Commercial II Deed Restrictions

In November of 2001 a Declaration of Restrictions and Notice of Statutory Obligations was recorded restricting future Site land use to Industrial and Commercial II as defined in Section 20120a(1) of Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and the Michigan Department of Environmental Quality Operational Memorandum #18, Revision 1, dated June 7, 2000. This Declaration also prohibited the use of groundwater on the property for any purpose.

Supplemental Groundwater Sampling

In support of an Environmental Indicator (EI) Determination (CA 750), on March 25, 2004 the U.S. EPA submitted a letter to Arkema requesting additional groundwater investigation including two additional rounds of groundwater sampling at selected monitoring wells. Additionally, on April 26, 2004 the U.S. EPA requested additional deep bedrock monitoring wells be installed and sampled on the West Plant and West Brine Field properties to evaluate potential off-Site migration of Site related constituents through the bedrock aquifer. The work was completed and the results provided to the U.S. EPA in August 2004. The submitted information, and previously collected groundwater data led to completion of an EI Determination verifying that the "migration of contaminated groundwater is under control"

TIC Evaluation

An evaluation of TIC distribution and proposed areas for excavation entitled "*Evaluation of Tentatively Identified Compounds Reported at the Arkema Inc. Riverview, Michigan, East Plant Property*" (TIC Evaluation), is included as Attachment A. This evaluation was

completed in response to the U.S. EPA comments regarding inherent uncertainties associated with TICs, and suggestions that limited hot spot removal may be an expedient method to resolve TIC issues. The TIC Evaluation concludes that excavation in specific areas would significantly reduce potential risk posed to receptors from exposure to TICs at the Site. The outcome of the proposed remedial actions would render approximately 56% of the estimated volume of TICs, including sampling locations with the highest relative concentrations, unavailable to either human or ecological receptors, thereby greatly reducing any potential risk to Site receptors from exposure to TICs.

2.2 SUMMARY OF SWMUS/AREAS REQUIRING A CMS

On February 1, 2006 the U.S. EPA approved the Final RFI Report and issued a Final Determination for the Corrective Measure Study. The U.S. EPA's final determination identified the following areas of the facility requiring a CMS:

1. SWMU 1
2. SWMU 2
3. SWMU 5
4. SWMU 11
5. SWMU 14
6. SWMU 20
7. Area 17
8. Area 18
9. Area 19
10. Area 20
11. Area 22
12. Area 23
13. Area 24
14. TIC areas
15. SWMU 17 (Including evaluating IRMs, Shallow Groundwater, DNAPL)
16. Chloroform at MW-17
17. Dioxin Locations
18. Ecological issues (COPCs)

It is important to note the following regarding the list prepared by the U.S. EPA:

- SWMU 20 and Area 20 are the same location. This area has historically been referred to as Area 20 and will be addressed as Area 20 in this CMS.

- SWMU 17 and Area 17 are the same location. This area has historically been referred to as Area 17 and will be addressed as Area 17 in this CMS.
- “TIC Areas” (item 14), “Chloroform at MW-17” (item 16), “Dioxin Locations” (item 17) and “Ecological issues (COPCs)” (item 18), identified by the U.S. EPA, are not separate areas of concern on-Site. They are a part of the concerns identified within various SWMUs and Areas listed in items 1 through 13.

Refer to Table 1.1 for a detailed summary of SWMUs/ Areas requiring evaluation and their respective concerns. As shown on Table 1.1, there are three general items to address as part of the CMS:

1. Surface soil impacts:

- a. Potential human health risks associated with benzo (a) pyrene in surface soils in the following SWMUs/ Areas:
 - SWMU 1/2 (01SB05)
 - SWMU 11 (11SB15)
 - Area 20 (20SB09)
- b. Potential human health and/or ecological risks associated with PCDDs/PCDFs in surface soils in the following SWMUs/ Areas:
 - SWMU 5 (05SB02)
 - SWMU 11 (11SB01, 11SB04, 11SB05, 11SB11, 11SB13, 11SB15, and 11SB16)
 - SWMU 14 (14SB04 and 14SB06)
 - Area 17 (17SB25 and 17SB30)
 - Area 18/19 (18SB12)
 - Area 24 (24SB08)
- c. Potential concerns associated with TICs in various SWMUs and Areas

2. Groundwater impacts in Area 17

- a. Human health risks associated with chloroform in MW-017
- b. Effectiveness of the Area 17 IRM (DNAPL and groundwater containment)

3. Potential USTs remaining in Areas 22 and 23

The following section identifies corrective measure objectives based on these three general items of concern.

3.0 ESTABLISHMENT OF CORRECTIVE MEASURE OBJECTIVES

Corrective measure objectives are established to protect human health and the environment from potentially harmful exposure to contaminants of concern. For the East Plant, concerns are benzo(a)pyrene, PCDDs/PCDFs, and TICs in soil, groundwater impacts in Area 17, and the potential presence of USTs in Areas 22 and 23. Considering the results of the RFI and the TIC evaluation described above, the CMS objectives for the East Plant are as follows:

1. Eliminate exposure pathways associated with benzo (a) pyrene and PCDDs/PCDFs, in soil through remediation or containment of contaminated media and/or implementation of institutional controls. For benzo (a) pyrene and PCDDs/PCDFs Site-specific risk-based clean-up criteria will be developed as part of the CMS.
2. Reduce the potential for exposure to TICs in soil through implementation of corrective measures detailed in the TIC Evaluation (Attachment A). Due to the nature of TICs, cleanup criteria do not exist. As such, the remedial actions will not be measured against numerical goals.
3. Eliminate potential exposure pathways associated with chloroform in groundwater in Area 17 through remediation or containment of contaminated media and/or implementation of institutional controls. For chloroform, clean-up goals will be based on Site specific clean-up criteria.
4. Evaluate the Area 17 IRM to determine its effectiveness at preventing migration of DNAPL and concentrations of dissolved Site-related constituents that may adversely impact water quality. If results indicate that the system is not meeting objectives, eliminate potential exposure pathways through remediation of affected media and/or enhancement of the existing system.
5. Investigate Area 22 and 23 to determine the presence or absence of historical USTs and, if present, remove and properly close the USTs in accordance with Michigan Act 451, Part 213.

4.0 SCREENING OF CORRECTIVE MEASURE TECHNOLOGIES

This section provides screening of corrective measure alternatives for benzo(a)pyrene, PCDDs/PCDFs, and TICs in soil in various SWMUs/Areas throughout the Site, and groundwater impacts in Area 17. Technology screening is not necessary at this time for Areas 22 and 23 where the concern is limited to the potential presence of USTs. Refer to Section 5.3 for a description of the proposed investigation to evaluate the presence or absence of USTs in Areas 22 and 23.

The following general response actions are potentially applicable for soil impacts:

- No remedial action;
- Additional institutional controls with monitoring, as necessary;
- Excavation and off-Site disposal;
- Containment;
- In-situ treatment; and
- Ex-situ treatment.

The following general response actions are potentially applicable for groundwater impacts:

- No remedial action;
- Additional institutional controls with monitoring, as necessary;
- Containment;
- In-situ treatment; and
- Ex-situ treatment.

For screening purposes, Tables 4.1 and 4.2 have been prepared to summarize the technologies that are potentially applicable within each of these general response actions for soil impacts and groundwater impacts, respectively. Technologies were screened by assessing Site, waste and technology characteristics and applying the criteria of effectiveness, implementability and cost, consistent with U.S. EPA guidance. The three screening criteria were applied as follows:

Effectiveness – used to evaluate the ability of a technology to meet the corrective action objectives. Specifically, the given technologies are evaluated based on ability to protect human health and the environment; meet clean up goals (if available); reduce the toxicity, mobility, or volume of contamination; maintain short and long-term effectiveness and achieve community acceptance.

Implementability – used to assess the technical and administrative feasibility of implementing a technology. Technical feasibility refers to the ability to construct, operate and maintain a specific technology until corrective action objectives are met. Administrative feasibility refers to items such as the ability to obtain agency approval, the availability of necessary materials, equipment and services.

Cost – used as a balancing factor among technologies of similar effectiveness and implementability. For this criterion, relative capital and O&M costs (i.e., low, moderate, or high by comparison to baseline technologies) are used rather than detailed estimates.

4.1 TECHNOLOGIES RETAINED FOR CONSIDERATION - SOIL IMPACTS

After applying the screening criteria identified in Section 4.0, the following technologies have been retained for consideration in developing alternatives for remediation of benzo (a) pyrene, PCDDs/PCDFs, and TICs in surface soil:

1. No remedial action;
2. Additional institutional controls with monitoring, as necessary;
3. Soil excavation and off-Site disposal; and
4. Capping.

Eliminated technologies, and the basis for their elimination, are provided in Table 4.1. A description of each of the retained technology's potential applicability to the East Plant is provided in Section 5.1. Further evaluation completed during the CMS will determine which technology, or combination of technologies, is appropriate for use at the Site.

4.2 TECHNOLOGIES RETAINED FOR CONSIDERATION - GROUNDWATER IMPACTS

After applying the screening criteria identified in Section 4.0, the following technologies have been retained for consideration in developing alternatives for Area 17 groundwater. The technologies are intended to address both the chloroform in MW-017 and the Area 17 IRM, should evaluation indicate that the treatment system is not effective:

1. No remedial action;
2. Additional institutional controls with monitoring, as necessary;
3. Continued operation of the existing containment system as designed;
4. Upgrade/modify existing treatment system;

5. Barrier wall extension;
6. Capping;
7. In-situ chemical oxidation (ISCO);
8. Enhanced bioremediation; and
9. Permeable reactive barrier (PRB).

Eliminated technologies, and the basis for their elimination, are provided in Table 4.2. A description of each of the retained technology's potential applicability to the East Plant is provided in Section 5.2. Further evaluation completed during the CMS would determine which technology, or combination of technologies, is appropriate for use at the Site.

5.0 IDENTIFICATION OF THE CORRECTIVE MEASURE ALTERNATIVES

The following sections summarize remedial alternatives developed for each area of concern to achieve the corrective action objectives. The remedial alternatives were developed from the technologies retained from the initial screening (Section 4.0).

5.1 PROSPECTIVE CORRECTIVE MEASURES - SOIL IMPACTS

The following remedial technologies were developed as prospective corrective measures for soil impacts at the East Plant.

No remedial action - This technology is provided as a baseline for comparison to other alternatives. It is generally not expected to meet cleanup objectives.

Institutional controls, with monitoring as necessary - Use restrictions will mitigate potential human exposure pathways through restricting access or use of the areas. On-going monitoring and/or inspections with reporting may be required to demonstrate the controls are effective and remain in place.

Soil Excavation and off-Site disposal - Excavation is a proven technology capable of meeting corrective action objectives by removing and transporting contaminated material to a permitted off-Site disposal facility. The technology would be effective and reliable in that it would remove potential exposure to benzo(a)pyrene, PCDDs/PCDFs and TICs.

For benzo(a)pyrene and PCDDs/PCDFs, it would be proposed that the extent of removal be established by pre-excavation geoprobe sampling documenting the extent of concentrations exceeding Site-specific risk based criteria to be developed as part of the CMS. For TICs, it would be proposed that the extent of excavation be guided by the TIC Evaluation (Appendix A). The excavation alternative could be implemented with limited difficulty. Equipment and services for the alternative are locally available and competitively priced.

Capping - Capping is a proven technology for controlling contact with impacted material. Likelihood of failure of a cap is small as long as regular maintenance and inspections are performed. The cap can be implemented with limited difficulty. Materials and services for construction, maintenance, and monitoring of the cap are locally available and competitively priced.

A plan to install a protective barrier (soil, pavement etc.) and control any construction activities that require removal of the protective barrier would be implemented. The plan

may include inspection to identify and repair significant damage to the protective barrier, and procedures to ensure that the proper health and safety controls are used during any subsurface construction/maintenance activities. In addition, a notation in the property deed for this area of the Site would restrict any intrusive activities without further evaluation.

5.2 PROSPECTIVE CORRECTIVE MEASURES - GROUNDWATER IMPACTS

The following remedial technologies were developed as prospective corrective measures for groundwater impacts at the East Plant.

No remedial action - This technology is provided as a baseline for comparison to other alternatives. It is generally not expected to meet cleanup objectives.

Additional institutional controls, with monitoring as necessary - Use restrictions will mitigate potential human exposure pathways through restricting access to or use of the areas. On-going monitoring and/or inspections with reporting may be required to demonstrate the controls are effective and remain in place.

Continue operation of the existing containment system as designed - To assess the effectiveness of the existing system, CRA will evaluate the hydraulic dynamics (tasks may include simulation of groundwater levels, flow directions, and potentially contaminant transport/particle tracking) and sample selected monitoring wells for laboratory analyses. For appropriate evaluation of the effectiveness, two additional monitoring wells will require installation, as described in Section 6.1. Assessment of the hydraulic dynamics and sampling wells along the sheetpile wall will assist in determining whether or not the IRM is preventing migration of impacted groundwater and DNAPL. If the IRM effectiveness evaluation determines that the current system is preventing migration of Site-related constituents at concentrations potentially causing an adverse impact to downgradient receptors, continued operation of the existing system would be recommended. If evidence suggests that the IRM is not effective, remedial technologies/system enhancements identified herein can be implemented to meet the corrective action objectives.

Upgrade/modify existing treatment system - upgrading/modifying the exiting treatment system is a viable alternative and may include addition and/or upgrade of extraction wells, addition and/or upgrade of process components, etc. Final determination of system upgrades/modifications would be dependent on the results of the IRM effectiveness evaluation.

Barrier wall extension – Depending on the results of the hydraulic modeling, extension of the existing sheetpile wall to the west (along the north property boundary) and to the south (along the east property boundary) may prevent potential migration of contamination to the north and east. Barrier walls are highly effective in controlling groundwater flow and can be implemented with limited difficulty. Materials and services for construction are locally available and competitively priced.

Capping – Capping is a proven technology for controlling surface water infiltration and thereby affecting groundwater migration patterns. Capping can also be effective at preventing direct contact with shallow ground and mitigating indoor air inhalation concerns. Likelihood of failure of a cap is small as long as regular maintenance and inspections are performed. The cap can be implemented with limited difficulty. Materials and services for construction, maintenance, and monitoring of the cap are locally available and competitively priced.

A plan to install a protective barrier (soil, pavement etc.) and control any construction activities that require removal of the protective barrier would be implemented. The plan may include inspection to identify and repair significant damage to the protective barrier, and procedures to ensure that the proper health and safety controls are used during any subsurface construction/maintenance activities. In addition, a notation in the property deed for this area of the Site would restrict any intrusive activities without further evaluation.

In-situ chemical oxidation (ISCO) - ISCO is an effective technology for destroying a wide range of organic compounds. The technology is based on the use of strong oxidizing agents to completely oxidize the compounds within relatively short periods. The technology is effective against primary contaminants and can be implemented with limited difficulty. Materials and services for implementation are available and competitively priced. A treatability study is required for this technology prior to selection as an alternative. Refer to Section 6.2.1 for treatability study information.

Enhanced bioremediation – Enhanced bioremediation is a treatment process whereby contaminants are metabolized into less toxic or nontoxic compounds by naturally occurring microorganisms. The microorganisms utilize the contaminants as a source of carbon and energy. The by-products are mainly carbon dioxide and water. Bioremediation can take place under aerobic or anaerobic conditions in the presence of other suitable electron acceptors such as nitrate, sulfate, or carbonate. The technology is effective against primary contaminants and can be implemented with limited difficulty. Materials and services for implementation are available and competitively priced. A treatability study is required for this technology prior to selection as an alternative. Refer to Section 6.2.2 for treatability study information.

Permeable reactive barrier (PRB) – A permeable reactive barrier wall is installed across the flow path of a plume, allowing the water to passively move through the wall. These barriers allow the passage of water while prohibiting the movement of contaminants by employing such agents as zero-valent metals, sorbents, microbes, and others. The contaminants will either be degraded or retained by the barrier material. The technology is effective against primary contaminants and can be implemented with limited difficulty. Materials and services for implementation are available and competitively priced. A treatability study is required for this technology prior to selection as an alternative. Refer to Section 6.2.3 for treatability study information.

5.3 PROSPECTIVE CORRECTIVE MEASURES – POTENTIAL USTS IN AREAS 22 AND 23

In October 1993, during an investigation by Arkema, two underground storage tanks were discovered east of former Building 107. The tanks were estimated to be 7 feet in diameter and 30 feet long, with an approximate capacity of 9,000 gallons each. The tanks were found to be nearly full of liquid. Analysis of the liquid in the tanks showed that benzene and chlorobenzene were the main compounds present. The contents of the tanks were removed and transported to a proper disposal facility. Although the tanks were emptied, it is uncertain if the tanks were removed. As such, the area east of former building 107 will be evaluated to verify whether or not USTs are present.

For the purpose of the CMS, CRA will investigate the presence of the USTs and examine contents (if present), as detailed in the following paragraphs.

To investigate the presence of USTs, a geophysical investigation will be performed by using a complement of electromagnetic (EM) terrain conductivity and magnetometry (MAG) methods. Prior to conducting the surveys minor brush clearing will be performed and a grid system will be established to provide a means of surface control during the EM and MAG data collection. The survey grid will be established based on a relative coordinate system using existing monuments and land features and spaced appropriately to locate the USTs.

Geophysical investigation data will be displayed on contour plots for the EM quadrature and in-phase and MAG total field and gradient, and the results of the investigation will be used to direct subsequent intrusive tasks. If anomalies are identified, test pitting will be performed to investigate them. If tanks are encountered, and liquid is present, samples will be collected to verify the contents, and the CMS Report will detail activities that will need to be performed to close the USTs in accordance with Michigan Act 451,

Part 213. Closure of the USTs under Part 213 will be included in the next phase of the Corrective Action Process (Corrective Measure Implementation). Closure of the USTs may include removal of any contents, removal and appropriate disposal of the USTs, verification sampling (which is dependant on the size of the excavation), possible removal and disposal of contaminated soil/groundwater, preparation of appropriate UST registration paperwork, and preparing proper closure documentation.

6.0 LABORATORY AND BENCH-SCALE STUDIES

Laboratory and bench-scale studies performed as part of the CMS will include installation of monitoring wells and collection of groundwater samples in selected areas of Area 17 to evaluate the effectiveness of the IRM, and performance of treatability studies to evaluate the effectiveness of potential groundwater treatment technologies including: enhanced bioremediation, ISCO and PRB.

For soil impacts, other than the pre-excavation geoprobe sampling for benzo(a)pyrene and PCDDs/PCDFs, no further sampling and no pilot, laboratory or bench scale studies are being proposed as part of the CMS.

The following sections detail monitoring well installation/sampling procedures and treatability study plans.

6.1 MONITORING WELL INSTALLATION/SAMPLING TO EVALUATE THE AREA 17 IRM

To evaluate the effectiveness of the IRM, two additional monitoring wells (MW-025 and MW-026) will be installed in Area 17, as depicted on Figure 6.1. The proposed monitoring wells will be installed at the ends of the sheetpile wall and completed six inches into the clay interface (to allow DNAPL to accumulate, if present) which is anticipated to be between 12 and 20 feet below ground surface (bgs).

The borehole for each new monitoring well will be drilled using 4.25-inch hollow-stem augers and during completion of the boreholes, continuous soil samples will be collected for visual observation. At the time of drilling a CRA geologist will be on-Site to examine each interval for color, soil type, stratigraphy, banding, moisture, odor, visual and olfactory evidence of impact, and to screen for total organic vapors with a photoionization detector (PID). All soil samples will be described and classified according to the Unified Soil Classification System (USCS) and recorded on a boring log.

Upon completion of the boreholes, the monitoring wells will be constructed using a 2-inch inside diameter, 10-foot long, 0.010-inch slot Schedule 40 polyvinyl chloride (PVC) well screen threaded to a 2-inch inside diameter riser to the ground surface. A sandpack compatible with the well screens will be utilized and placed between the well strings from the base of the boreholes to approximately 2-feet above the top of the well screens. The remaining annulus will be filled with bentonite pellets and hydrated to create a seal. The monitoring well risers will be secured with an expandable cap and a flush-mounted protective casing will be concreted in place at grade.

Upon completion of well installation, the monitoring wells will be developed to a visually silt free condition to improve hydraulic communication between the wells and the formation.

Investigative-derived waste (IDW) generated during drilling and development will be placed in DOT-approved 55-gallon drums and staged near the rear of the existing Halowax treatment building for future characterization and disposal.

Following at least 48 hours to allow for stabilization, the monitoring wells will be surveyed and samples will be collected for the following laboratory analyses: target compound list (TCL) volatile organic compounds (VOCs), and TCL Semi-volatile organic compounds (SVOCs). Additionally, to assist with the treatability studies (described in the following sections), additional natural attenuation and physical parameters will be analyzed, including: pH, dissolved oxygen [DO], oxidation-reduction potential [ORP], total and soluble iron and manganese, nitrate, nitrite, sulfate, sulfide, ammonia nitrogen, orthophosphate phosphorus, total and specific microbial counts; specific gravity, viscosity, and flashpoint.

Results of the analyses will be included in the CMS report.

6.2 TREATABILITY STUDIES

Bench Scale studies are necessary to evaluate the effectiveness of ISCO, enhanced bioremediation, and PRB technologies. The following paragraphs present descriptions of the individual technologies, treatability study objectives and proposed plans to conduct the studies.

6.2.1 ISCO

ISCO is an effective technology for destroying a wide range of organic compounds. The technology is based on the use of strong oxidizing agents to completely oxidize the compounds within relatively short periods. In a chemical oxidation reaction, the oxidizing agent breaks the carbon bonds in the compounds and converts them within hours into nontoxic compounds, primarily carbon dioxide and water.

The oxidizing agents most commonly used include:

- Potassium permanganate (KMnO_4);
- Fenton's Reagent (a solution of hydrogen peroxide and ferrous sulfate);
- Ozone; and
- Sodium persulfate ($\text{Na}_2\text{S}_2\text{O}_8$).

The KMnO_4 , Fenton's Reagent, and ozone are the most commonly used oxidants. KMnO_4 is easier to handle than Fenton's Reagent, which is pH-dependent and requires the use of ferrous salt as a catalyst for optimum performance. The application of KMnO_4 and Fenton's Reagent involves simple methods and does not require the sophisticated equipment used in ozone treatment. KMnO_4 is effective against VOCs that have carbon-carbon double bonds including trichloroethylene and its daughter products cis-1,2-dichloroethylene and vinyl chloride. Fenton's Reagent is a very strong oxidant and can oxidize single carbon bonds; therefore, a wider range of compounds can be oxidized by Fenton's Reagent.

ISCO is site specific, and successful treatment is typically a function of the effectiveness of the delivery system (being able to deliver sufficient amounts of oxidant to the impacted soil and making sufficient "contact") and subsequent transport of the oxidant within the soil matrix. The treatment performance is dependent to a great extent on the soil and groundwater chemistry.

A critical factor in the evaluation of ISCO treatment is determining the dosages of oxidant that are required to effectively oxidize the contaminants present (referred to as stoichiometric demand) as well as the competing reactions. The competing reactions are typically caused by the presence of natural organic materials such as humates and fulvates, as well as reduced metal species. The consumption of oxidants by these non-target compounds is defined as natural oxidant demand (NOD). In order to determine the optimum dosage, treatability studies are required.

ISCO Treatability Study Objectives and Scope of Work

The primary objective of treatability study for ISCO treatment will be to gather the data necessary to:

- i) assess the effectiveness of treatment of Site contaminants by evaluating representative soil and groundwater samples from the Site;
- ii) determine the NOD of the Site soil and groundwater; and
- iii) determine the effective concentration/dosage of oxidant required to complete ISCO treatment as expeditiously as possible.

To perform the ISCO treatability study, the following tasks would be completed:

Task 1 - Sample Acquisition and Initial Characterization - Representative soil and groundwater samples will be collected from Area 17. The samples will be analyzed for physical and chemical parameters and prepared for microcosm tests.

Task 2 – Microcosm Tests - A series of batch microcosm tests will be conducted on the soil and groundwater. The tests will be designed to assess the effectiveness of various amendments for treatment of Site contaminants in the soils and groundwater to determine the optimum concentration range of the oxidant to be used for the full-scale application.

Task 3 – Evaluation of Natural Oxidant Demand – soil and groundwater samples will be assessed by adding oxidant and monitoring concentrations over time.

Task 4 – Data Evaluation and Reporting - Upon completion of the treatability study, the data will be compiled and tabulated. A memo describing the tests conducted and results obtained will be prepared and included as part of the CMS Report. The memo will also include recommendations for field-scale application.

6.2.2 ENHANCED BIOREMEDIATION

Enhanced bioremediation is a treatment process whereby contaminants are metabolized into less toxic or nontoxic compounds by naturally occurring microorganisms. The microorganisms utilize the contaminants as a source of carbon and energy. The by-products are mainly carbon dioxide and water. Once the microorganisms have consumed all of the contaminants, the microbial population becomes dormant or dies out. Bioremediation can take place under aerobic or anaerobic conditions in the presence of other suitable electron acceptors such as nitrate, sulfate, or carbonate. Several techniques that may be applied to enhance the biodegradation of these Site-specific compounds in groundwater are:

- i) supplementation with suitable sources of nitrogen and phosphorus to enhance biodegradation of Site contaminants by indigenous microbial population;
- ii) manipulation of Redox Potential by the injection of hydrogen peroxide, slow oxygen release compound (ORC), or direct injection of oxygen to the subsurface using iSOC to enhance aerobic biodegradation; and
- iii) Site microbial inoculation.

Enhanced bioremediation is a flexible technology and can be implemented in conjunction with other remedial technologies to enhance the treatment.

Enhanced Bioremediation Treatability Study Objectives and Scope of Work

The primary objective of the treatability study for enhanced bioremediation will be to gather the data necessary to:

- i) assess the effectiveness of treatment of Site contaminants by evaluating representative soil and groundwater samples from the Site;
- ii) determine appropriate amendments to enhance natural attenuation at the Site; and
- iii) determine the optimum dose of amendments to enhance natural attenuation.

To perform the enhanced bioremediation treatability study, the following tasks would be completed:

Task 1 – Sample Acquisition and Initial Characterization - Representative soil and groundwater samples will be collected from Area 17. The samples will be analyzed for physical and chemical parameters and prepared for microcosm tests.

Task 2 – Enhanced Natural Attenuation Microcosm Tests - A series of batch microcosm tests will be conducted on the soil and groundwater samples. The tests will be designed to assess the effectiveness of various amendments for treatment of Site contaminants in the soils and groundwater and to determine appropriate doses of amendments for full-scale application.

Task 3 – Data Evaluation and Reporting - Upon completion of the treatability study, the data will be compiled and tabulated. A memo describing the tests conducted and results obtained will be prepared and included as part of the CMS Report. The memo will also include recommendations for field-scale application.

6.2.3 PERMEABLE REACTIVE BARRIER

PRBs are currently being used in many full-scale field applications for the in-Situ treatment of organic plumes. The majority of permeable reactive barrier applications involve the use of an iron substrate to degrade the solvent by a dechlorination mechanism. Recently, the use of organic substrates has begun to receive wider application. Organic substrates can adsorb organic compounds, reducing their mobility and can act as a host matrix and nutrient to microbial populations. Therefore they provide a preferential environment for enhanced biodegradation of the trapped organic chemicals.

PRB Treatability Study Objectives and Scope of Work

The PRB study will involve column tests to determine the most effective treatment. The studies will be conducted at a low flow rate (though it will not be possible to simulate

field conditions exactly and achieve results in a short timeframe). The results will aid in the determination of design parameters for the full-scale application.

The primary objectives of this laboratory study are to gather the data necessary to:

- i) Assess the effectiveness of PRB in removing Site contaminants from groundwater;
- ii) Determine the most appropriate composition of the barrier to enhance removal from groundwater;
- iii) Determine whether breakdown products are present in groundwater treated using an organic PRB; and
- iv) Determine whether breakthrough would occur under the Site conditions.

To perform the PRB treatability study, the following tasks would be completed:

Task 1 – Sample Acquisition and Initial Characterization - The treatability study will be conducted on a representative sample of groundwater collected from the Site. The sample will consist of two 55-gallon drums of groundwater. The samples will be analyzed for physical and chemical parameters and prepared for microcosm tests.

Task 2 – Column Treatment Tests - glass columns will be packed with a mixture of media at a predetermined ratio. Using a multichannel pump, the groundwater sample will be pumped at a rate simulating groundwater horizontal flow rate into the bottom of each of the three columns. The water from the tops of the columns will be collected. After water has been flowing through the columns for six weeks, (approximately 200 pore volumes of water will have passed through each column) a sample of the effluent water will be collected from each column and analyzed for Site contaminants.

Task 3 – Column Breakthrough Test - Based on the results of Task 2, the optimum column conditions for contaminant removal will be selected and a column will be run under these conditions for a further six weeks. Every week, an effluent sample will be analyzed for Site contaminants to determine whether breakthrough has occurred.

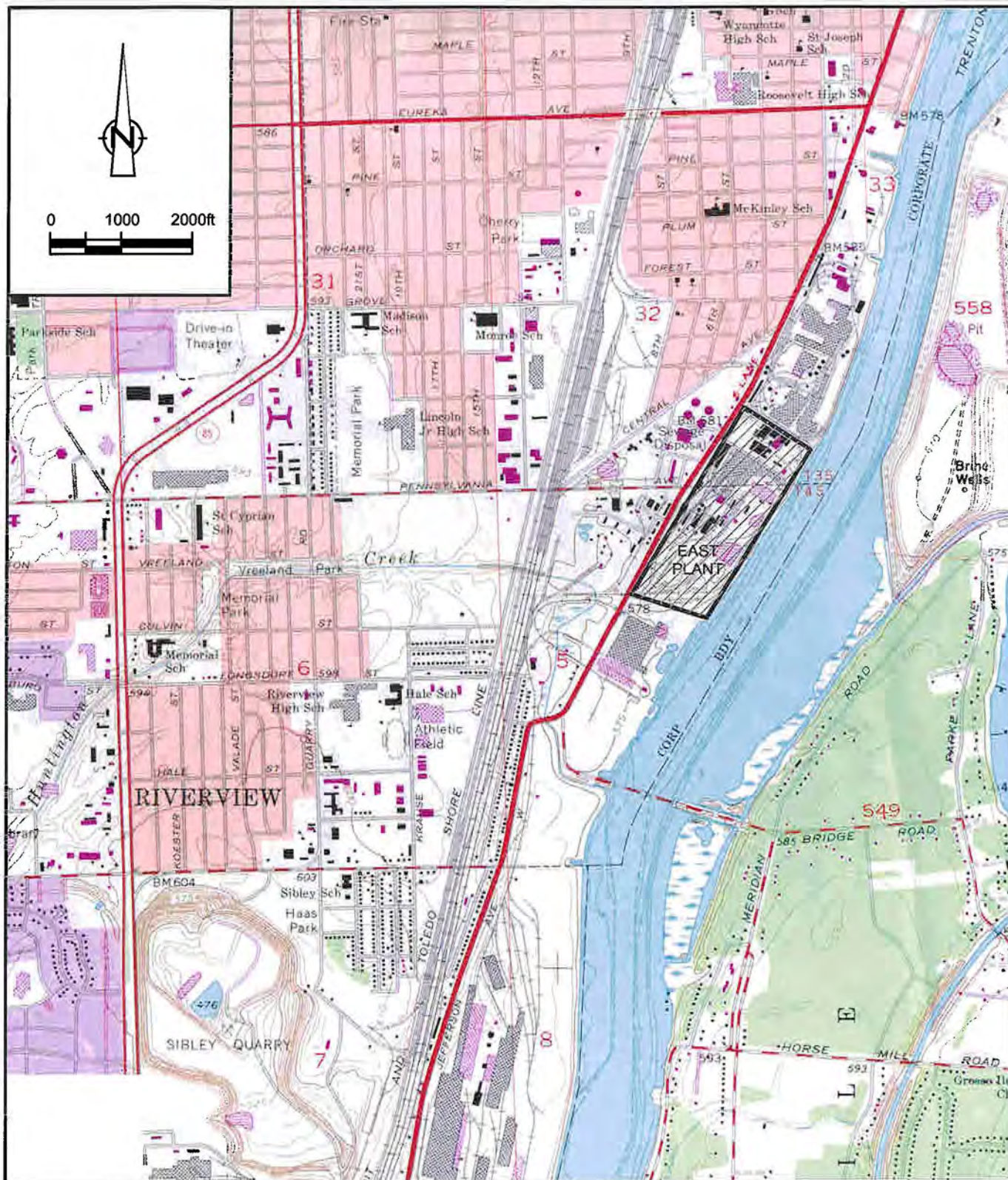
Task 4 – Data Evaluation and Reporting - Upon completion of the treatability study, the data will be compiled and tabulated. A memo describing the tests conducted and results obtained will be prepared and included as part of the CMS Report. The memo will also include recommendations for field-scale application.

7.0 SCHEDULE

The CMS is anticipated to include the following tasks:

1. Site-specific criteria development for benzo(a)pyrene, PCDDs/PCDFs and chloroform;
2. Completion of pre-excavation geoprobe sampling to determine the dimensions of soil areas where benzo(a)pyrene and PCDDs/PCDFs exceed Site-specific risk-based criteria;
3. Evaluation of the effectiveness of the IRM including assessment of the hydraulic dynamics (tasks may include simulation of groundwater levels, flow directions, and potentially contaminant transport/particle tracking) and installation/sampling of monitoring wells in selected areas of Area 17;
4. Performance of bench-scale treatability studies to evaluate the effectiveness of potential groundwater treatment technologies including: enhanced bioremediation, ISCO and PRB;
5. UST investigation in Areas 22 and 23 through completion of a geophysical survey;
6. Evaluation of corrective measures and justification/recommendation for alternatives (CMS Tasks II and III); and
7. Preparation and submittal of the Draft CMS report (CMS Task IV).

It is anticipated that these tasks can be completed by November 2006. Refer to Figure 7.1 for a Gantt Chart showing the estimated timeline. Meeting this timeline is contingent upon several factors including U.S. EPA approval of the Work Plan; results obtained during the IRM evaluation; actual time necessary to complete pre-excavation geoprobe sampling (may require more than one sampling effort); time necessary to complete bench scale treatability studies, which vary greatly depending on Site-specific conditions; and other unknown factors including weather and conditions encountered in the field.



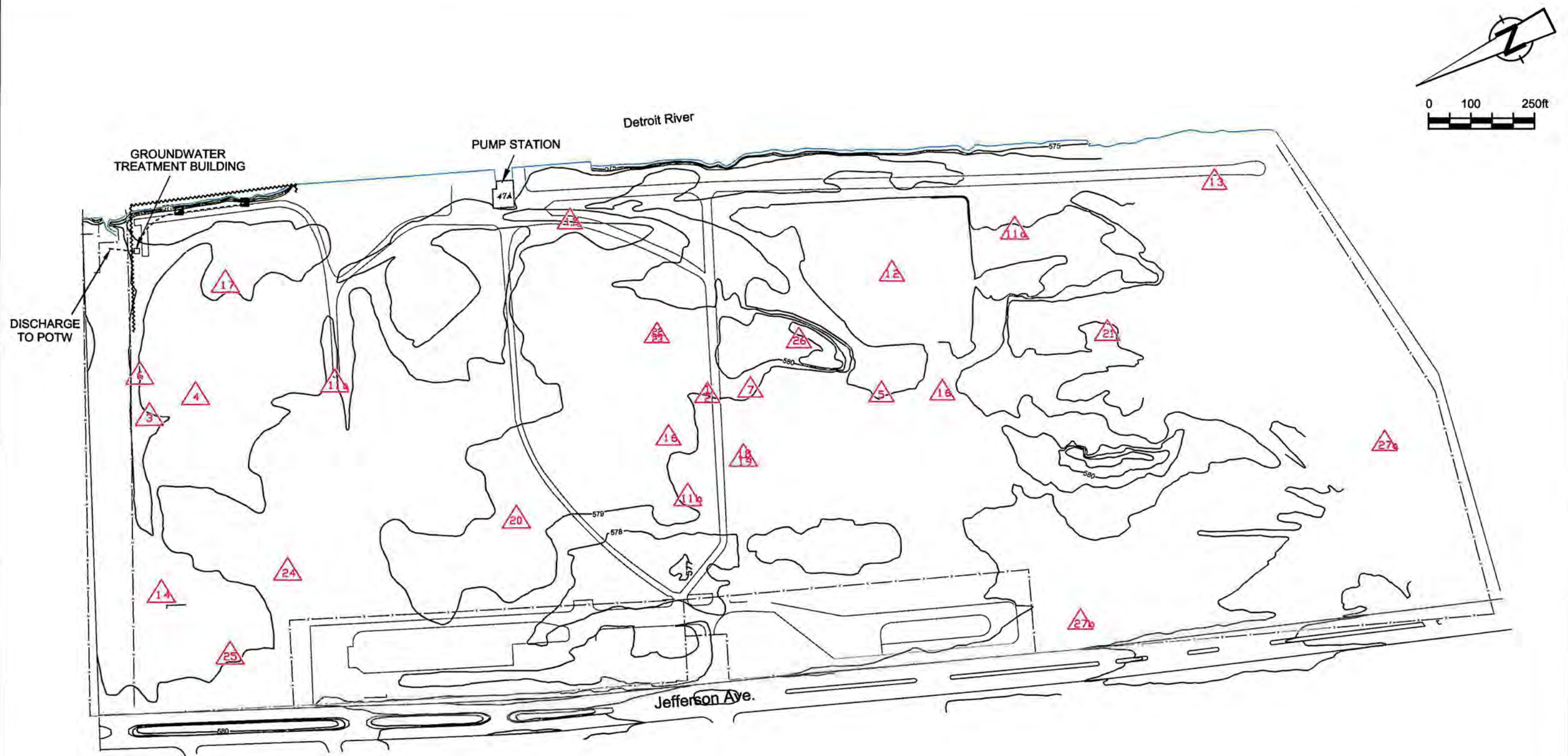
SOURCE: USGS QUADRANGLE MAP;
WYANDOTTE, MICHIGAN-ONTARIO

figure 2.1

SITE LOCATION
ARKEMA INC.

East Plant, Riverview/Wyandotte, Michigan





Source file: Roy F. Weston, Inc., 1999, file: fig1-2.dgn

LEGEND:

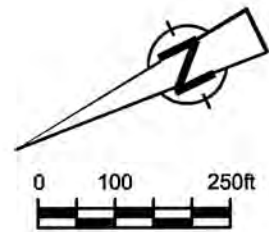
-  SWMU OR AREA OF CONCERN
-  CONTOURS
-  BUILDING
-  FENCE LINE
-  ROADS
-  EXTRACTION WELLS
-  PIPING RUN
-  SHEETPILE WALL



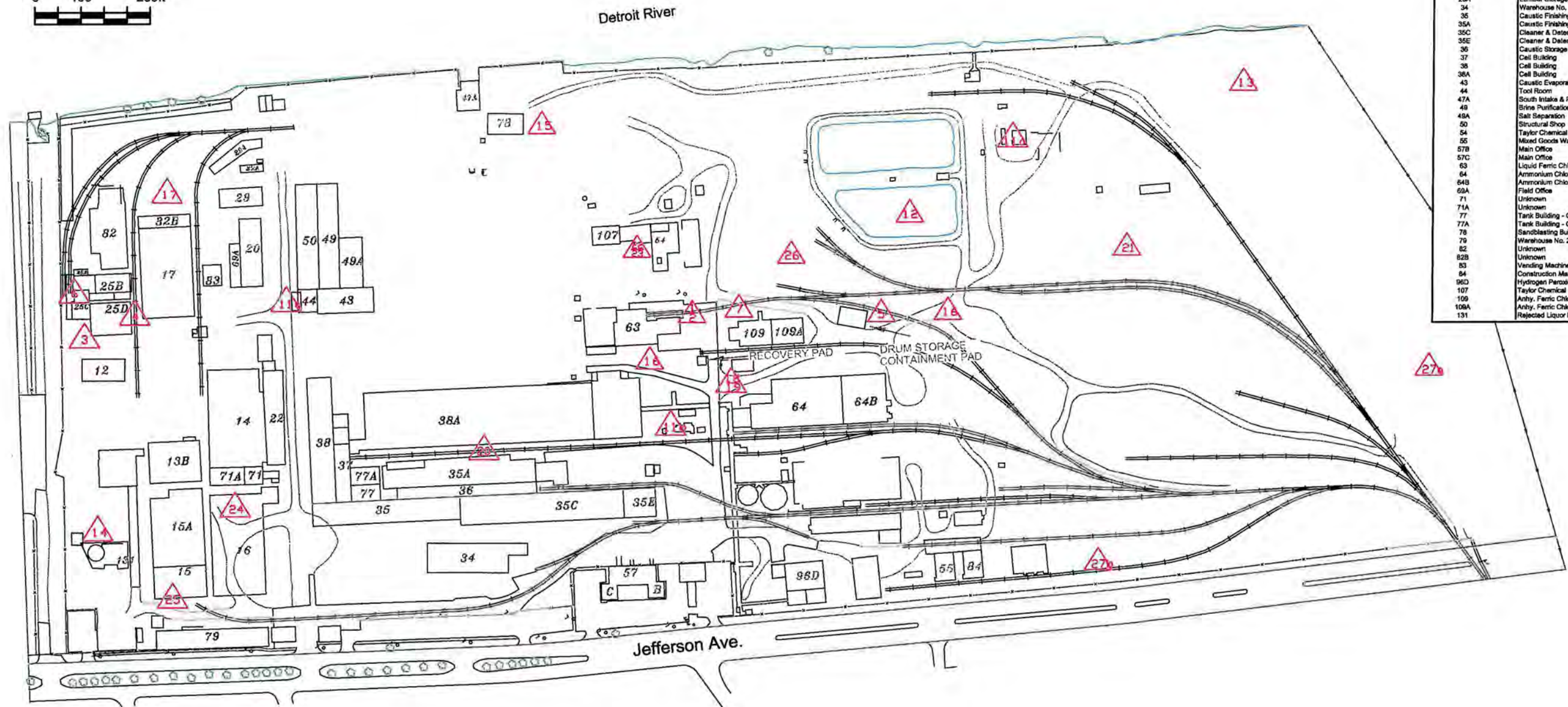
14027-14(011)GN-DE002 APR 07/2006

figure 2.2

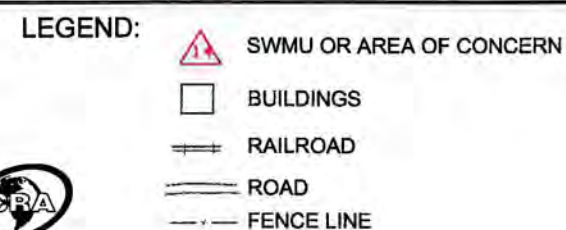
GENERAL SITE LAYOUT - CURRENT SETTING
ARKEMA INC.
East Plant, Riverview/Wyandotte, Michigan



FORMER BUILDING KEY	
BUILDING NO.	BUILDING NAME
12	Perchloron Building
13A	Dasher Washers
13B	Unknown
14	Storeroom Extension
15	Unknown
15A	Unknown
16	Oil and Fat Plant
17	Unknown
20	Machinery Shop
22	Storeroom/Electric and Instrument Shops
25B	Liquifying Plant
25C	Liquifying Plant
29	Carpenter Shop & Equipment Storage
29A	Lumber Storage
34	Warehouse No. 1
35	Caustic Finishing
35A	Caustic Finishing
35C	Cleaner & Detergent Plant
35E	Cleaner & Detergent Plant
36	Caustic Storage
37	Cell Building
38	Cell Building
38A	Cell Building
43	Caustic Evaporator
44	Tool Room
47A	South Intake & Pump Station
49	Brine Purification & Storage
49A	Salt Separation
50	Structural Shop
54	Taylor Chemical
55	Mixed Goods Warehouse
57B	Main Office
57C	Main Office
63	Liquid Ferric Chloride Plant
64	Ammonium Chloride and HCl Plant
64B	Ammonium Chloride and HCl Plant
69A	Field Office
71	Unknown
71A	Unknown
77	Tank Building - Chloride Drying
77A	Tank Building - Chloride Drying
78	Sandblasting Building
79	Warehouse No. 2
82	Unknown
82B	Unknown
83	Vending Machine Area
84	Construction Materials Warehouse
96D	Hydrogen Peroxide
107	Taylor Chemical
109	Anhy. Ferric Chloride Plant
109A	Anhy. Ferric Chloride Plant
108A	Anhy. Ferric Chloride Plant
131	Rejected Liquor Building



Source file: Roy F. Weston, Inc., 1999, file: fig1-2.dgn



14027-14(011)GN-DE003 MAR 23/2006

figure 2.3

GENERAL SITE LAYOUT - HISTORICAL SETTING
ARKEMA INC.
East Plant, Riverview/Wyandotte, Michigan

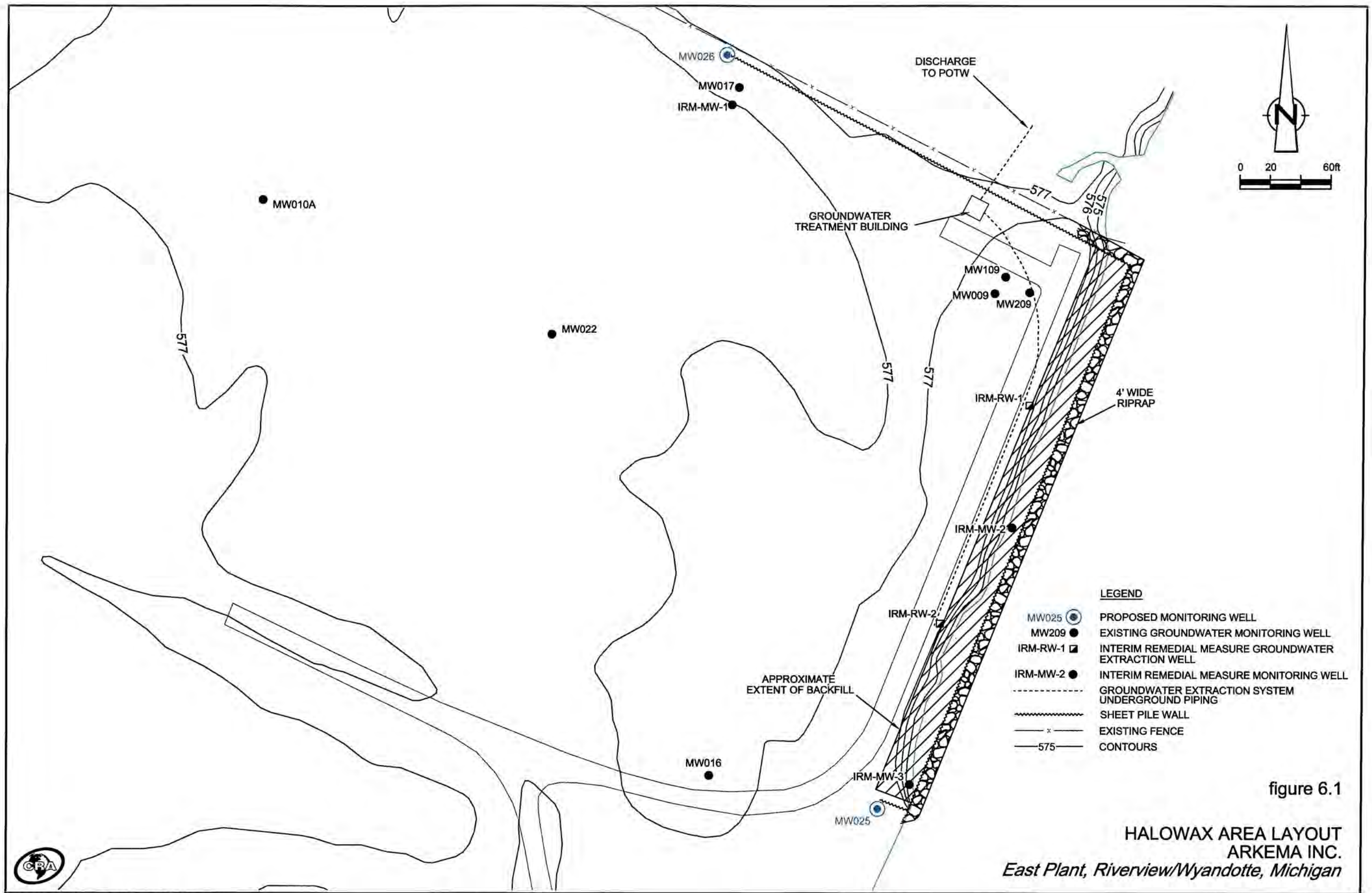


figure 6.1

HALOWAX AREA LAYOUT
ARKEMA INC.
East Plant, Riverview/Wyandotte, Michigan



FIGURE 7.1
CONCEPTUAL SCHEDULE
CMS ACTIVITIES
ARKEMA INC - EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

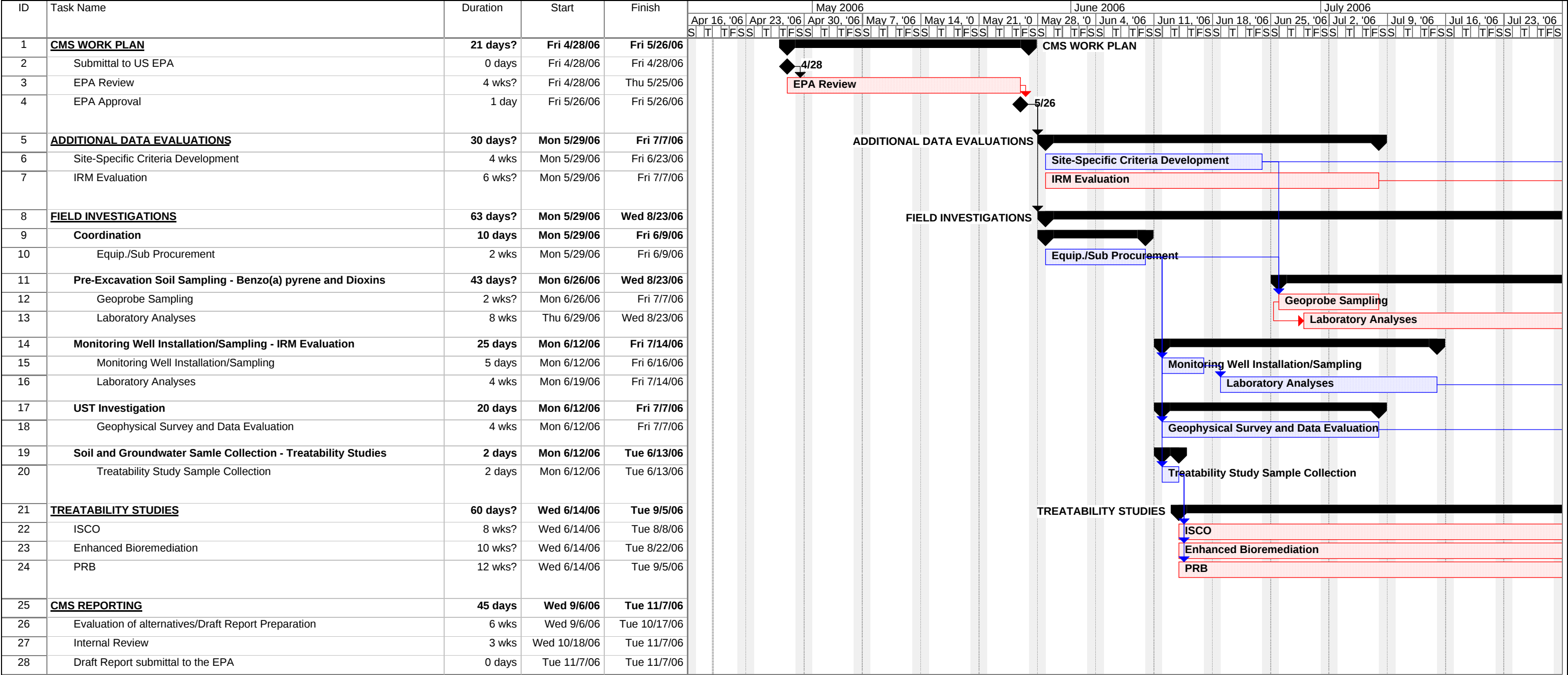


FIGURE 7.1
CONCEPTUAL SCHEDULE
CMS ACTIVITIES
ARKEMA INC - EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

[illegible]

TABLE 1.1
SUMMARY OF SWMUS/AREAS REQUIRING A CMS
EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

SWMU/ Area	Summary of Concerns
Tanks 103 and 104 (SWMUs 1 and 2)	Potential human health risks associated with benzo(a)pyrene in 01SB05.
Drum Storage Containment Pad (SWMU 5)	Potential human health risks associated with dioxin in a surface soil sample from 05SB02.
Former NPDES Neutralization Tanks (SWMU 11)	- Potential human health risks associated with dioxin in surface soil samples from 11SB01, 11SB04, 11SB05, 11SB11, 11SB13, 11SB15, and 11SB16. - Potential human health risks associated with benzo(a)pyrene in 11SB15. - Potential ecological risks associated with dioxin in surface soil samples from 11SB01, 11SB05, 11SB11 and 11SB13.
Reject Liquor Tank (SWMU 14)	Potential human health risks associated with dioxin in surface soil samples from 14SB04 and 14SB06.
Halowax Area (Area 17)	- Potential human health risks associated with chloroform in groundwater from MW-017. - Potential human health risks associated with dioxin in Surface soil samples from 17SB25 and 17SB30. - Potential ecological risks associated with dioxin in Surface soil samples from 17SB30. - Effectiveness of IRM (DNAPL and shallow contaminated groundwater containment) requires evaluation.
Former Ammonium Chloride and HCl Plants (Areas 18 and 19)	Potential human health risks associated with dioxin in surface soil sample from 18SB12.
Buildings 35A/38A (Area 20)	Potential human health risks associated with benzo(a)pyrene in surface soil sample from 20SB09.
Former Mond Gas and Taylor Chemical Areas (Areas 22 and 23)	USTs may remain in Areas 22 and 23
Former Wyandotte Oil and Fat Plant (Area 24)	- Potential human health risks associated with dioxin in surface soil sample from 24SB08. - Potential ecological risks associated with dioxin in surface soil sample from 24SB08.

TABLE 4.1
TECHNOLOGY IDENTIFICATION AND SCREENING
SOIL IMPACTS
EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

General Response Action	Technology	Process Option	Description	Effectiveness	Implementability	Cost	Conclusion
EAST PLANT - SOIL IMPACTS (benzo(a)pyrene, PCDDs/PCDFs, TICs)							
No Remedial Action	Risk Assessment	Risk Assessment	Demonstrate the site presents no unacceptable risk.	Effective for risk-based analysis of exposures to receptors.	Readily implemented.	Low	Retain as baseline for comparison of other alternatives.
Additional Institutional controls with monitoring, as necessary	Institutional Controls	Use Restrictions	Restrict access to/ use of areas of concern.	Meets objective of controlling human exposure but not the overall objective of the project.	Readily implemented.	Low	Retain as partial component.
	Groundwater monitoring	Groundwater monitoring	Defines constituent concentrations.	Monitoring only. Does not meet the overall objective of the project.	Readily implemented.	Low to Moderate	Retain as partial component.
Containment	Capping	Capping	Barrier to prevent exposure to contaminants.	highly effective in controlling exposure	Readily implemented.	Moderate to High	Retain, meets objectives
Excavation	Ex-Situ	Excavation / off-Site Disposal	Remove source and dispose at permitted facility	highly effective in controlling exposure.	Readily implemented.	High	Retain, meets objectives
Treatment	Ex-Situ	Solidification/Stabilization	Contaminants are physically bound or enclosed within a stabilized mass by mixing excavated material with reagents. Typically results in significant volume increase.	Limited effectiveness against primary constituents. The target contaminant group for ex-situ S/S is generally inorganics. Long-term effectiveness has not been demonstrated.	Available technology but not practical considering the types of Site contaminants.	High	Eliminated. Limited effectiveness against primary constituents.
Treatment	Ex-Situ	High Temperature Thermal Desorption (HTTD)	Wastes are excavated and fed into a rotary dryer where materials are heated to volatilize water and organic contaminants. A vacuum system transports volatilized water and organics to a gas treatment system.	Effective against primary Site constituents, with the exception of PCDDs/PCDFs. The target contaminant groups for HTTD include SVOCs, PAHs, PCBs, and pesticides.	Technology is generally available but not effective against PCDDs/PCDFs and difficult to evaluate for TICs considering uncertainties involved with their identification and lack of clean-up criteria.	High	Eliminated. Effective for only a portion of the contaminants of concern. Not practical for Site conditions.

TABLE 4.1
TECHNOLOGY IDENTIFICATION AND SCREENING
SOIL IMPACTS
EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

General Response Action	Technology	Process Option	Description	Effectiveness	Implementability	Cost	Conclusion
Treatment	Ex-Situ	Enhanced Bioremediation (Biopile)	Excavated soils are mixed with soil amendments and placed on a treatment area that would include leachate collection systems and aeration.	Limited effectiveness against primary constituents. TICs may be treated, but the process effectiveness will vary and may be applicable only to some compounds within this contaminant group. Inorganics are not treated by this technology. Not effective against PCDDs/PCDFs.	Available technology but not effective for Site contaminants.	Moderate to High	Eliminated. Limited effectiveness against primary constituents.
Treatment	In-Situ	Solidification/Stabilization	Contaminants are physically bound or enclosed within a stabilized mass by injecting in-situ material with reagents. Typically results in significant volume increase.	Limited effectiveness against primary constituents. The target contaminant group for ex-situ S/S is generally inorganics. Long-term effectiveness has not been demonstrated.	Available technology but not practical for same reasons as ex-Situ S/S	High	Eliminated. Limited effectiveness against primary constituents.
Treatment	In-Situ	Electrical Resistance Heating	Electrodes are placed directly into the soil matrix, creating a resistance which then heats the soil. The heat dries the soil causing it to fracture, allowing the use of SVE to remove the contaminants.	Effective against primary Site constituents, with the exception of PCDDs/PCDFs.	Technology is generally available but has several limitations. Debris or other large objects can cause operating difficulties. Soil that is tight or has high moisture content requires more energy, vacuum and temperature. Soil with highly variable permeabilities may result in uneven delivery of gas flow. Soil that has a high organic content has a high sorption capacity of organics, which results in reduced removal rates. Air emissions may need to be regulated. Thermally enhanced SVE is not effective in the saturated zone.	High	Eliminated. Not effective for PCDDs/PCDFs. Not practical for Site conditions.

TABLE 4.1
TECHNOLOGY IDENTIFICATION AND SCREENING
SOIL IMPACTS
EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

General Response Action	Technology	Process Option	Description	Effectiveness	Implementability	Cost	Conclusion
Treatment	In-Situ	Enhanced Bioremediation	Process in which indigenous or inoculated micro-organisms degrade organic contaminants found in soil and/or ground water, converting them to innocuous end products. Nutrients, oxygen, or other amendments may be used to enhance bioremediation and contaminant desorption from subsurface materials.	Limited effectiveness against primary constituents. TICs may be treated, but the process effectiveness will vary and may be applicable only to some compounds within this contaminant group. PCDDs/PCDFs are not treated by this technology.	Available technology but not effective for Site contaminants.	Moderate	Eliminated. Limited effectiveness against primary constituents.
Treatment	In-Situ	Vitrification	Uses an electric current to melt soil or other earthen materials at extremely high temperatures and thereby immobilize most inorganics and destroy organic pollutants by pyrolysis.	Highly effective in controlling exposure. In theory, the vitrification product is a chemically stable, leach-resistant, glass/crystalline material.	Limited implementability. Innovative technology with few, if any, large scale industrial applications.	High	Eliminated. Not practical for large-scale application.

TABLE 4.2
TECHNOLOGY IDENTIFICATION AND SCREENING
GROUNDWATER IMPACTS
EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

General Response Action	Technology	Process Option	Description	Effectiveness	Implementability	Cost	Conclusion
EAST PLANT - GROUNDWATER IMPACTS (AREA 17)							
No Remedial Action	No action	No action	Discontinue operation of existing extraction and treatment system.	Does not meet objectives	Readily implemented.	Low	Retain as baseline for comparison of other alternatives
Additional institutional controls with monitoring, as necessary	Institutional Controls	Use Restrictions	Restrict access to/use of areas of concern.	Meets objective of controlling human exposure but not the overall objective of the project.	Readily implemented.	Low	Retain as partial component.
	Groundwater Monitoring	Groundwater Monitoring	Defines constituent concentrations.	Monitoring only. Does not meet the overall objective of the project.	Readily implemented.	Low to Moderate	Retain as partial component.
Treatment	Ex-Situ	Use of existing treatment system	Continue to Operate the existing system, as designed.	If the IRM effectiveness evaluation determines that the current system is preventing migration of Site-related constituents at concentrations potentially causing an adverse impact to downgradient receptors, continued operation of the existing system would be recommended. If evidence suggests that the IRM is not effective, remedial technologies/system enhancements identified herein can be implemented to meet the corrective action objectives.	Readily implemented	Low to Moderate	Retain, meets objectives
Treatment	Ex-Situ	Upgrade/modify existing treatment system (Groundwater Pumping and Treatment) - dependent on the results of the IRM evaluation	Various - May include addition and/or upgrade of extraction wells, addition and/or upgrade of process components, etc.	Upgrade/modifications would be selected to meet the objective of preventing migration of DNAPL and contaminated groundwater	Readily implemented	Low to High	Retain, meets objectives
Containment	Barrier wall extension	Barrier wall extension	Barrier to prevent migration of contamination	highly effective in controlling migration	Readily implemented	Moderate to High	Retain, meets objectives

TABLE 4.2
TECHNOLOGY IDENTIFICATION AND SCREENING
GROUNDWATER IMPACTS
EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

General Response Action	Technology	Process Option	Description	Effectiveness	Implementability	Cost	Conclusion
Containment	Capping	Capping	Barrier to prevent exposure to contaminants	highly effective in controlling exposure	Readily implemented	Moderate to High	Retain, meets objectives
Treatment	In-Situ	In-Situ Steam-Enhanced Extraction	Steam is forced into an aquifer through injection wells to vaporize volatile and semivolatile contaminants. Vaporized components rise to the unsaturated zone where they are removed by vacuum extraction and then treated.	Generally effective against primary constituents. The target contaminant groups for steam flushing/stripping are SVOCs and fuels. VOCs also can be treated by this technology, but there are more cost-effective processes for sites contaminated with VOCs.	Technology is generally available but the technology has limitations. Soil that is tight requires more energy, vacuum and temperature. Soil with highly variable permeabilities may result in uneven delivery of flow. Shallow contamination requires lower operating pressures to prevent soil fracturing and close well placement (i.e., a high number of injection wells)	High	Eliminated. Not practical for Site conditions.
Treatment	In-Situ	In-Situ Chemical Oxidation (ISCO)	Based on the use of strong oxidizing agents to completely oxidize organic compounds. In a chemical oxidation reaction, the oxidizing agent breaks the carbon bonds in the compounds and converts them into primarily carbon dioxide and water	Effective technology for destroying a wide range of organic compounds.	Readily implemented. The technology is effective against primary contaminants and can be implemented with limited difficulty. Materials and services for implementation are available and competitively priced.	Moderate to High	Retain, meets objectives
Treatment	In-Situ	Enhanced Bioremediation	Process in which indigenous or inoculated micro-organisms degrade organic contaminants found in soil and/or ground water, converting them to innocuous end products. Nutrients, oxygen, or other amendments may be used to enhance bioremediation and contaminant desorption from subsurface materials.	Effective against primary constituents.	Readily implemented. The technology is effective against primary contaminants and can be implemented with limited difficulty. Materials and services for implementation are available and competitively priced.	Moderate to High	Retain, meets objectives

TABLE 4.2
TECHNOLOGY IDENTIFICATION AND SCREENING
GROUNDWATER IMPACTS
EAST PLANT
RIVERVIEW/WYANDOTTE, MICHIGAN

General Response Action	Technology	Process Option	Description	Effectiveness	Implementability	Cost	Conclusion
Treatment	In-Situ	Permeable Reactive Barrier	Process in which a permeable reaction wall is installed across the flow path of a contaminant plume, allowing the water portion of the plume to passively move through the wall. These barriers allow the passage of water while prohibiting the movement of contaminants by employing such agents as zero-valent metals, sorbents, microbes, and others.	Effective against primary constituents.	Readily implemented. The technology is effective against primary contaminants and can be implemented with limited difficulty. Materials and services for implementation are available and competitively priced.	Moderate to High	Retain, meets objectives

APPENDIX A

EAST PLANT TIC EVALUATION

**EVALUATION OF TENTATIVELY IDENTIFIED COMPOUNDS
REPORTED AT ARKEMA INC., EAST PLANT
RIVERVIEW, MICHIGAN
June 13, 2006**

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Table 2 – Summary of Tentatively Identified Compounds in Soil (0-16 feet bgs)

Table 3 – Geographical Extent of Modeled Tentatively Identified Compounds in Soil
(0-16 feet bgs)

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Figure 2 – Tentatively Identified Compounds Reported in Soil (0-16 feet bgs)

Figure 3 – Modeled Extent of Tentatively Identified Compounds in SWMU 7, East Plant

Figure 4 – Modeled Extent of Tentatively Identified Compounds in SWMU 24, East Plant

Figure 5 – Modeled Extent of Tentatively Identified Compounds in SWMU 17, East Plant

Figure 6 – Trend Analysis for Tentatively Identified Compounds in Soil (0-16 feet bgs)

1.0 Introduction

Human health and ecological risk assessments (Environmental Standards, 2002) were conducted for Arkema Inc's (Arkema) Riverview, Michigan East Plant property (the Site) to determine if unacceptable hazards or risks are potentially posed to humans or ecological receptors by residual chemicals detected at the site. A number of Solid Waste Management Units (SWMUs) and Areas identified at the East Plant contain residual chemicals from industrial activities (Figure 1). A remedial investigation (RI) completed in 2002 (Conestoga Rovers, 2002) outlines these areas in detail. Some organic compounds detected in soils during characterization activities were not conclusively identified by the analytical laboratory and were, therefore, reported as Tentatively Identified Compounds (TICs). To provide a more thorough evaluation of potential risks posed to receptors at the Site from exposure to TICs in soils, a US EPA Region 5 (February, 2001 Memo) required Arkema to conduct a qualitative analysis of reported TICs.

The qualitative identification of chemicals on the target compound list for a given analytical suite of compounds (in this case, Appendix IX) is achieved by matching both the retention time and mass spectrum of a compound detected in a sample with the retention time and mass spectrum of a known target compound in the calibration standard analyzed on the instrument used for sample analysis. TICs are organic compounds that are not included on the Appendix IX list and, therefore, are not included in the instrument calibration standards for Appendix IX compounds. Instrument calibration standards are critical for the accurate identification of a compound and quantitation of its concentration.

The qualitative identification of a TIC is generated by a computer search of an extensive mass spectral library (that was not obtained on the actual instrument used for sample analysis) for a match to the mass spectrum of the TIC detected in a sample. Without the analysis of an instrument calibration standard containing the compound of potential concern (the TIC), a retention time cannot be accurately evaluated. More often than not, if the library search does not provide a confident match to a specific compound in the library, but the mass spectral patterns may be indicative of a known compound, the reporting laboratory will characterize the compound "as best as possible" (e.g., an aromatic compound containing two chlorines or a substituted phenol, etc.). In situations where numerous similar compounds cannot be differentiated from a host of other similar compounds, the reporting lab typically sums the results

and reports them as a general class of compounds (e.g., saturated hydrocarbons or unsaturated hydrocarbons). It is important to note that even when a potential identification is made, it is considered *tentative* due to the lack of the ability to compare both the retention time and mass spectrum to those obtained from a calibration standard analyzed on the instrument used for sample analysis.

The quantitation of TIC concentrations is even more uncertain than establishing the compound identity and estimated concentrations can be off by one or even several orders of magnitude because the instrument that generated the concentration value was not calibrated with the “non-target” compound(s) identified in the sample. In a typical laboratory analysis, target compounds are quantitated using relative response factors (RRFs) calculated from the analysis of instrument calibration standards that contain known concentrations of the target compounds. The accuracy of target compound quantitation is further monitored and evaluated by the analysis of various quality control (QC) measures. Without the analysis of instrument calibration standards or QC samples containing known concentrations of the compound of potential concern, TIC concentrations are quantitated using an assumed RRF of 1. The assumed RRF of 1 could be inaccurate by several orders of magnitude and, therefore, is the primary source of the high quantitative uncertainty inherent in the estimation of a TIC concentrations. US EPA’s RAGS Part A (1989) summarizes the uncertainties surrounding TICs in the following manner:

These estimates [TIC concentrations], however, are highly uncertain and could be orders of magnitude higher or lower than the actual concentration. For TICs, therefore, assigned identities may be inaccurate, and quantitation is certainly inaccurate. (pg.5-18)

While uncertainty is intrinsic in the definition of TICs, RAGS (US EPA, 1989) goes on to state:

If many TICs are present relative to the TAL and TCL compounds identified, or if TIC concentrations appear high or site information indicates that TICs are indeed present, then further evaluation of TICs is necessary.” (pg. 5-18)

Although there is no evidence to suggest that site historical information may identify constituents not included on the Appendix IX list, some TICs at the site did have slightly elevated concentrations and further study was suggested. When both the identity and concentrations of TICs are highly uncertain and a resource intensive quantitation of TICs is not practical (as is the case at the East Plant site), a qualitative study that analyzes the spatial distribution and

potential for receptor exposure to those unknown compounds is an appropriate vehicle for assessing reported TICs at the Site.

2.0 Methods

As shown in Table 1, laboratory data results classified the vast majority of TICs detected at the Site as semivolatile organic compounds (SVOCs) and volatile organic compounds (VOCs) along with a very small number of pesticides. The tentative identification of some compounds was performed when possible, however, the majority of SVOC and VOC TICs were unable to be identified by the reporting laboratory as being similar to any general class of compounds on target chemical lists and were, subsequently, identified simply as “unknown.” To be clear, a TIC was assigned the analyte identification of “Unknown” when the mass spectral interpretation specialist could not assign a tentative identification at any level (either specific compound or compound class) and outside of that TIC being identified as an SVOC or a VOC, the TIC did not reasonably resemble any single compound on the Appendix IX analyte list.

Within any single sample that contained multiple TICs without tentative identifications (*i.e.*, that contained multiple “unknown” TICs), results for those TICs with varied spectra were distinguished from each other by using an additional letter qualifier in the analyte identification (*i.e.*, “Unknown A,” “Unknown B,” “Unknown C,” etc.). It should be noted, however, that these identifications were made on a sample-specific basis such that the analyte identification of “Unknown A” in two different samples does not necessarily represent the same unknown compound, rather, the letter assignment is merely an artifact of the order in which the compound was reviewed during the analysis of that sample. Likewise, any single type of TIC present that was present in multiple samples could have been named differently in each sample. As a result, it is nearly impossible to evaluate the detection frequency of any particular “Unknown” TIC from sample to sample. In addition, the lack of a definitive qualitative identification of a TIC also complicates the laboratory’s ability to identify a TIC as possible external contamination. Thus, it is not possible to rule out that one or several of the TICs reported by the laboratory could be present in multiple samples as a blank contaminant or a possible laboratory artifact.

Because the quantitation and identification of the majority of TICs reported at the Site is highly uncertain (especially those TICs identified as “Unknown”), traditional quantitative risk assessment techniques (comparing an intake level to a toxicity benchmark) for each constituent are extremely limited in their application. Alternatively, an approach that combines the magnitude of reported TIC concentrations and their overall distribution at the Site with their potential for receptor contact provides a more effective method for an assessment of potential

risk to receptors. As such, the methods developed for the analysis of TICs at the Site follows the procedures outlined below:

- 1) In some instances, the analytical laboratory uncharacteristically reported several dozens of TICs in a single sample. To provide a means by which to weight the contribution of those TICs between sampling locations across the site, the concentration results reported for all TICs within a single sample were summed to produce a single sample summed mass value. These TIC sample total masses were then mapped to illustrate the intensity and distribution of TICs across the Site.
- 2) Each sample's contribution to the overall presence and magnitude of TICs (based on summed current and historical sampling results) at the Site was then determined to identify the locations that contained the highest percentage of TICs relative to all samples containing reported TICs. While all locations across the site were reviewed, those with high TIC total mass concentrations were retained for further evaluation.
- 3) The spatial extent of TICs at the Site was then determined. TIC concentrations were mapped utilizing the software package Environmental Visualization Systems (EVS™) that allows the display of environmental site data in a three-dimensional framework. The software also utilizes kriging, a geostatistical method for estimating the spatial extent of a constituent's presence within the modeling area based on existing sampling data (more on the kriging process is presented in Section 3 below). Because site history data does not indicate the potential for additional source areas, the boundaries for each modeling event consisted of the perimeter of a SWMU or SWMUs where TIC concentrations were reported.

3.0 Results

TICs detected in Site soils were of primary concern for potential human health and ecological impacts, therefore, this analysis is limited to TICs in surface and subsurface soils (0-16 feet bgs).

Summary statistics for TICs reported at the Site are presented in Table 2. As shown in Figure 2, TICs are reported at sample locations throughout the Site with the highest concentrations reported in SWMUs 7 and 24. The highest reported concentration is in SWMU 7 at SB-01 (4.2×10^4 mg/kg).

Although the exact quantitation of TIC concentrations in any individual sample is highly uncertain, comparing each sample's total mass concentration result to the total mass quantity of TICs reported at the Site in the form of a ratio can indicate areas where there may be "hot spots" of TICs. To determine the ratio denominator, the total mass concentrations of all samples with reported TICs were summed to arrive at a "total" TIC mass concentration for the entire Site. Each TIC sample's total mass concentration was then divided by the "site total TIC mass concentration" to provide a sample-specific ratio expressed as a percentage (Table 2). For example, sample SB-01 in SWMU 7 (shown as 07SB-01), taken at a depth of 4.5 – 6.5 feet below ground surface (bgs), comprises over 41% of the TICs reported at the Site. The next highest total sample mass concentration of 7.92×10^3 mg/kg is reported at sampling location 24SB-06 (4.5 – 6.5 ft bgs) comprises approximately 8% of the TICs reported at the Site.

Because SWMUs 7 and 24 contain clusters of TICs reported at relatively high sample mass total concentrations, they were targeted for EVS™ analysis; the results of the EVS™ modeling exercise are shown in Figures 3 and 4 for SWMUs 7 and 24, respectively. These graphical representations of the kriged TIC data (TIC isopleths) show the modeled spatial extent of the TICs' area of influence within each SWMU.

Kriging is a stochastic technique that uses a linear combination of weights at known points (in this case, locations with TIC concentrations) to estimate a value or concentration at distant, unsampled grid nodes. The kriging process is limited, however, by the availability of data upon which the graphed areas are based. In short, the more samples available, the more accurate the resulting graph. The extent of graphed area generated by the kriging process is determined

by modeling the subset of all regions of a discrete area such as a SWMU where data values are above or below a threshold value called an isolevel. In the EVS modeling process, an isolevel is set at an action level such as an environmental screening criteria or toxicological benchmark that is relevant to the site being addressed. Manually setting an isolevel to that action level results in the EVS™ model graphing areas representative of all concentrations above that action level. Because the identities of TICs at the Site are, by definition, unknown, there are no available screening criteria or benchmarks. To provide a meaningful representation of TICs reported in soil samples at the East Plant, an isolevel was determined by a trend analysis (Figure 6) of the sample-specific ratios presented in Table 2.

The results of the trend analysis shown in Figure 6 indicate that two sampling locations, 07SB-01 and 24SB-06 comprise approximately 50% of the “total” mass concentration of TICs at the Site. To model the TICs in these locations, the isolevel used in the Site-wide kriging process was set at 6.26×10^3 mg/kg - the concentration of the sampling location (17SB-14) that was the next highest concentration below that of 24SB-06. Figures 3 and 4 represent the spatial extent of TICs present above the isolevel.

One additional location, 17SB-14, was identified by US EPA as an area of concern due to the volume of TICs reported in sampling results. To address this issue, the potential volume of TICs present at this location was also estimated using the EVS™ model. The isolevel used in the SWMU 17 model, however, was dropped to 2.05×10^3 mg/kg – the total mass concentration of the next highest sampling location (17SB-18) in SWMU 17 (and also Site-wide). The potential spatial extent of TICs at 17-SB14 is represented in Figure 5 and when added to the amount already identified in Figures 3 and 4 brings the modeled areas of TIC concentrations at the Site to 56% of the total TIC concentrations. All other remaining individual sampling locations at the Site each contribute 2% or less to the “total” TIC concentration at the Site with the majority of sampling locations contributing less than 1%.

Descriptive statistics (total mass volumes, depth of plume, etc.) for each of the modeled TIC areas, including approximate measures potential remediation volumes, are presented in Table 3.

4.0 Discussion

The quantitation and identification of TICs reported at the East Plant are all highly uncertain. With the majority of TICs reported at the site classified as “unknown” and with highly varied concentrations across the site, the most effective analysis of potential risk posed to human health and ecological receptors was to identify soil locations where TICs were reported in high concentrations, would be potentially available to receptors, and could be minimized through remediation. Through the kriging process, the TIC total mass concentrations reported in SWMUs 7, 24 and 17 were used to estimate the extent to which TICs may potentially affect receptors at the Site. By instituting an engineering solution that either removes or precludes contact with affected soils delineated within the kriged areas depicted in Figures 3 - 5, approximately 56% of the total mass concentration of TICs reported at the Site would be unavailable to either human or ecological receptors thereby dramatically reducing any potential risk to Site receptors from exposure to TICs.

5.0 References

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Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
01	ETP1-1	EA02-EP-ETP1-1-01301	VOC TICs	UNKNOWN A	1.40E+01	NJ	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN B	3.00E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN C	3.10E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN D	2.40E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN E	1.70E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN F	4.40E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN G	2.50E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN H	1.40E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN I	1.30E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN J	7.70E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN K	3.00E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN L	2.80E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN M	2.50E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN N	2.60E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN O	1.50E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN P	1.60E-01	J	4.5-6.5
01	ETP1-1	EA02-EP-ETP1-1-01301	SVOC TICs	UNKNOWN Q	1.40E-01	J	4.5-6.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	HEXACHLOROBIPHENYL ISOMER A	6.00E-01	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	SUBST. ACETIC ACID A	2.00E-01	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	SUBST. PROPANOIC ACID A	3.00E-01	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN A	2.00E-01	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN B	2.00E-01	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-02	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN PAH D	8.00E-01	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN PAH E	7.00E-01	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN PAH F	4.00E+00	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN PAH G	4.00E+00	J	0.5-2.5
01	SB-1	EA01-RE-01SB01-00501	SVOC TICs	UNKNOWN PAH H	3.00E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-00501	Pesticides	4-METHYL-2-HEXENE,C&T A	1.90E+00	NJ	0.5-2.5
01	SB-4	EA02-EP-01SB04-00501	Pesticides	DIBENZOTHIOPHENE A	1.10E+00	NJ	0.5-2.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN A	1.40E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	Pesticides	UNKNOWN A	1.20E+02	NJ	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	Pesticides	UNKNOWN B	1.20E+02	NJ	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN B	1.40E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN C	1.30E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN C	1.20E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN D	1.00E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN D	2.20E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN E	1.80E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN E	1.20E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN F	1.80E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN F	1.40E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN G	1.20E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN G	1.40E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN H	5.70E-01	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN H	1.50E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN I	1.10E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN I	1.90E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN J	1.30E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN J	5.50E-01	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN K	6.80E-01	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN K	9.50E-01	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN L	6.90E-01	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN L	5.20E-01	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN M	7.40E-01	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN M	1.10E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN N	7.00E-01	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN N	1.00E+00	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN O	1.20E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN O	6.20E-01	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-00501	SVOC TICs	UNKNOWN P	5.40E+00	J	0.5-2.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN P	5.70E-01	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN Q	6.50E-01	J	4.5-6.5
01	SB-4	EA02-EP-01SB04-01301	SVOC TICs	UNKNOWN R	4.90E+00	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	Pesticides	DIBENZOTHIOPHENE A	5.50E+00	NJ	0.5-2.5
01	SB-5	EA02-EP-01SB05-00505	VOC TICs	NAPHTHALENE A	3.00E-02		0.5-2.5
01	SB-5	EA02-EP-01SB05-00505	Pesticides	UNKNOWN A	1.90E+02	NJ	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN A	1.40E-01	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN B	6.30E+00	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN B	1.20E+00	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN C	7.50E+00	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN C	1.00E-01	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN D	1.10E+01	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN D	1.50E+00	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN E	8.10E+00	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	Pesticides	UNKNOWN E	9.30E+01	NJ	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN F	5.30E+00	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN F	9.50E-02	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN G	7.70E+00	J	0.5-2.5
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01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN H	4.10E-01	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN I	5.70E+00	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN I	1.30E-01	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN J	4.80E+00	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN J	1.10E-01	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN K	4.30E+00	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN K	1.00E-01	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN L	5.30E+00	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN L	2.70E-01	J	4.5-6.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN M	1.30E+01	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN M	1.20E+00	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN N	1.60E+01	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN N	1.40E+00	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN O	5.60E+01	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN O	6.10E-01	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-00505	SVOC TICs	UNKNOWN P	1.30E+01	J	0.5-2.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN P	4.40E-01	J	4.5-6.5
01	SB-5	EA02-EP-01SB05-01301	SVOC TICs	UNKNOWN Q	1.50E-01	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN A	5.20E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN A	1.10E+00	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN B	1.40E+00	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN B	3.60E-01	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	Pesticides	UNKNOWN C	1.20E+02	NJ	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN C	1.60E+00	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN D	4.40E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	Pesticides	UNKNOWN D	1.00E+02	NJ	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN E	1.50E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN E	8.90E-02	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN F	4.60E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN F	1.80E-01	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN G	4.50E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN G	1.40E-01	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN H	2.20E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN H	4.60E-01	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN I	2.50E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN I	1.70E-01	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN J	2.20E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN J	1.20E-01	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN K	8.60E-02	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-01301	SVOC TICs	UNKNOWN K	8.60E-02	J	4.5-6.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN L	4.80E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN M	1.70E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN N	1.00E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN O	1.40E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN P	9.60E-02	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN Q	1.50E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN R	2.90E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN S	2.00E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN T	9.30E-02	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN U	1.60E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN V	1.60E-01	J	0.5-2.5
01	SB-6	EA02-EP-01SB06-00501	SVOC TICs	UNKNOWN W	1.50E-01	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	BENZO[B]THIOPHENE A	1.10E+00		0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	BENZOFURAN, 7-METHYL- A	7.20E-01		0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	BIPHENYL A	5.10E-01		0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	CYCLOHEXANE, METHYL- A	8.30E-01		0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	INDANE A	2.80E+00		0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	NAPHTHALENE A	1.20E+00		0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	NAPHTHALENE, 1-METHYL- A	1.20E+00		0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	NAPHTHALENE, 2-METHYL- A	6.10E+00		0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	Pesticides	SULFUR A	1.80E+00	NJ	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	Pesticides	SULFUR, MOL. (S8) A	7.50E-01	NJ	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	Pesticides	SULFUR, MOL. (S8) A	5.50E-01	NJ	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	Pesticides	UNKNOWN A	8.40E+01	NJ	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	SVOC TICs	UNKNOWN A	1.40E+00	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	SVOC TICs	UNKNOWN A	1.90E+00	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN B	1.10E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	SVOC TICs	UNKNOWN B	8.50E-02	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	SVOC TICs	UNKNOWN B	1.20E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN C	1.10E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	SVOC TICs	UNKNOWN C	7.70E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	SVOC TICs	UNKNOWN C	9.10E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN D	2.60E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	Pesticides	UNKNOWN D	4.60E+01	NJ	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	Pesticides	UNKNOWN D	4.80E+01	NJ	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN E	2.30E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	SVOC TICs	UNKNOWN E	1.30E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	SVOC TICs	UNKNOWN E	1.30E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN F	1.50E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	SVOC TICs	UNKNOWN F	2.30E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	SVOC TICs	UNKNOWN F	2.60E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN G	1.20E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	SVOC TICs	UNKNOWN G	1.10E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	SVOC TICs	UNKNOWN G	1.20E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN H	2.00E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-01301	SVOC TICs	UNKNOWN H	1.10E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-01302	SVOC TICs	UNKNOWN H	1.30E-01	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN I	9.80E-01	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-01302	SVOC TICs	UNKNOWN I	8.60E-02	J	4.5-6.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN J	1.40E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN K	1.30E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN L	1.20E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN M	1.00E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN N	1.80E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN O	1.10E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN P	9.70E-01	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN Q	2.00E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN R	2.90E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN S	2.70E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN T	2.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN U	3.00E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	SVOC TICs	UNKNOWN V	3.70E+00	J	0.5-2.5
05	SB-1	EA02-EP-05SB01-00501	VOC TICs	UNKNOWN W	5.40E-01		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	1,3,5-TRISILACYCLOHEXANE, 1-ME A	9.50E-01		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	BENZENE, 1,2,3-TRIMETHYL- A	1.80E+00		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	BENZENE, 1-ETHYL-2-METHYL- A	1.60E+00		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	BUTANE, 2-METHYL- A	1.90E+00		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	DECANE A	1.40E+00		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	HEPTANE, 2,3-DIMETHYL- A	1.50E+00		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	HEPTANE, 3-ETHYL-2-METHYL- A	1.20E+00		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	OCTADECANE, 1-CHLORO- A	1.50E+00		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	VOC TICs	PENTANE, 2-METHYL- A	1.70E+00		0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN A	9.00E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-01301	SVOC TICs	UNKNOWN A	1.20E+00	J	4.5-6.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN B	5.80E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-01301	Pesticides	UNKNOWN B	7.00E+01	NJ	4.5-6.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN C	2.60E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-01301	SVOC TICs	UNKNOWN C	2.20E-01	J	4.5-6.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN D	4.30E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-01301	SVOC TICs	UNKNOWN D	8.90E-02	J	4.5-6.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN E	3.40E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-01301	SVOC TICs	UNKNOWN E	3.20E-01	J	4.5-6.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN F	1.10E+00	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-01301	SVOC TICs	UNKNOWN F	1.60E-01	J	4.5-6.5
05	SB-2	EA02-EP-05SB02-00501	Pesticides	UNKNOWN G	6.60E+01	NJ	0.5-2.5
05	SB-2	EA02-EP-05SB02-01301	SVOC TICs	UNKNOWN G	1.60E-01	J	4.5-6.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN H	6.70E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN I	7.20E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN J	6.00E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN K	8.60E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN L	8.00E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN M	7.90E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN N	8.50E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN O	3.20E+00	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN P	1.10E+00	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN Q	5.00E-01	J	0.5-2.5
05	SB-2	EA02-EP-05SB02-00501	SVOC TICs	UNKNOWN R	3.90E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-00501	VOC TICs	CYCLOHEXANE, METHYL- A	1.40E+00		0.5-2.5
07	SB-1	EA02-EP-07SB01-00501	Pesticides	SULFUR, MOL. (S8) A	3.70E-01	NJ	0.5-2.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN A	6.30E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN A	6.90E-01	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	Pesticides	UNKNOWN B	4.20E+01	NJ	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	Pesticides	UNKNOWN B	4.20E+04	NJ	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN C	3.20E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN C	8.10E-02	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN D	2.70E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN D	1.70E-01	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN E	1.70E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN E	1.30E-01	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN F	1.60E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN F	1.40E-01	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN G	6.10E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN G	8.20E-02	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN H	3.20E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN H	1.20E-01	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN I	2.50E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN I	1.00E-01	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN J	2.20E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN J	1.80E-01	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN K	2.90E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN K	1.30E-01	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN L	2.80E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-01301	SVOC TICs	UNKNOWN L	8.70E-02	J	4.5-6.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN M	2.50E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN N	3.20E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN O	2.30E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN P	2.40E-01	J	0.5-2.5
07	SB-1	EA02-EP-07SB01-00501	SVOC TICs	UNKNOWN Q	4.80E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	AROMATIC HYDROCARBON A	6.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 A	6.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 B	8.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	1.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	1.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	DIMETHYLNAPHTHALENE C	8.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	DIMETHYLNAPHTHALENE D	6.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	ETHYLNAPHTHALENE A	8.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	METHYLFLUORENE A	6.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	METHYLFLUORENE B	6.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	METHYLHEPTANE A	4.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	METHYLNAPHTHALENE A	2.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	PROPANOIC ACID ESTER A	6.00E-01	JB	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	TRIMETHYLHEPTANE ISOMER A	4.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	TRIMETHYLHEPTANONE ISOMER A	7.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	TRIMETHYLNAPHTHALENE A	6.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	TRIMETHYLNAPHTHALENE B	1.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN A	1.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN A	1.00E-02	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN B	9.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN B	2.00E-02	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN C	6.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN D	1.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN E	1.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN ACID ESTER A	8.00E-01	JB	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON B	7.00E-01	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E+00	J	0.5-2.5
11	SB-1	EA01-RE-11SB01-00501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN A	8.00E-01	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	Pesticides	UNKNOWN B	2.00E-01	NJ	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN C	1.90E-01	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN D	1.30E-01	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN E	1.80E-01	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN F	9.60E-02	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN G	1.60E-01	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN H	1.40E-01	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN I	8.60E-02	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN J	2.40E-01	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN K	1.30E-01	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN L	7.70E-02	J	9.5-11.5
11	SB-10	EA02-EP-11SB10-02301	SVOC TICs	UNKNOWN M	4.60E-01	J	9.5-11.5
11	SB-11	EA02-EP-11SB11-00501	Pesticides	SULFUR, MOL. (S8) A	1.20E+00	NJ	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	Pesticides	SULFUR, MOL. (S8) A	9.70E-01	NJ	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN A	1.10E+00	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN A	2.20E+00	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN B	1.90E+00	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	Pesticides	UNKNOWN B	8.40E+01	NJ	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	Pesticides	UNKNOWN C	1.10E+02	NJ	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN C	3.00E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN D	4.80E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN D	4.00E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN E	1.40E+00	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN E	4.40E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN F	8.30E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN F	5.80E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN G	4.90E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN G	2.30E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN H	7.00E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN H	3.40E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN I	1.20E+00	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN I	2.80E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN J	4.70E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN J	5.20E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN K	7.40E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN K	2.10E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN L	5.00E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN L	2.40E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN M	6.90E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN M	2.30E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN N	6.50E-01	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN N	5.80E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN O	1.00E+00	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN O	2.50E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN P	1.20E+00	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN P	4.70E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN Q	1.70E+00	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN Q	4.70E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-00501	SVOC TICs	UNKNOWN R	1.10E+00	J	0.5-2.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN R	1.90E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN S	1.60E-01	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN T	1.30E+00	J	4.5-6.5
11	SB-11	EA02-EP-11SB11-01301	SVOC TICs	UNKNOWN U	3.30E-01	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	Pesticides	UNKNOWN A	1.80E+02	NJ	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN B	3.30E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN C	4.00E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN D	7.30E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN E	5.90E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN F	1.30E+01	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN G	5.90E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN H	3.10E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN I	6.90E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN J	3.20E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN K	8.10E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN L	1.20E+01	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN M	7.50E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN N	3.70E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN O	5.30E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN P	3.50E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN Q	5.60E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN R	6.30E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN S	5.40E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN T	4.00E+00	J	4.5-6.5
11	SB-12	EA02-EP-11SB12-01301	SVOC TICs	UNKNOWN U	9.70E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-01301	Pesticides	SULFUR, MOL. (S8) A	1.10E+00	NJ	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN A	8.30E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN A	2.90E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN B	1.90E+00	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	Pesticides	UNKNOWN B	1.70E+02	NJ	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	Pesticides	UNKNOWN C	7.40E+01	NJ	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN C	2.20E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN D	3.20E+00	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN D	3.00E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN E	7.20E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN E	2.50E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN F	6.90E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN F	7.90E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN G	7.10E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN G	2.20E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN H	4.10E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN H	1.90E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN I	4.70E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN I	2.00E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN J	1.10E+00	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN J	9.70E-01	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN K	9.10E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN K	1.30E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN L	6.10E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN L	3.90E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN M	2.40E+00	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN M	1.20E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN N	7.60E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN N	1.80E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN O	4.20E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN O	1.70E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN P	6.80E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN P	5.90E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN Q	4.40E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN Q	3.90E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN R	1.90E+00	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN R	1.80E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN S	8.50E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN S	3.50E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN T	2.70E+00	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN T	4.60E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN U	7.70E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN U	3.00E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN V	6.60E-01	J	0.5-2.5
11	SB-13	EA02-EP-11SB13-01301	SVOC TICs	UNKNOWN V	2.70E+00	J	4.5-6.5
11	SB-13	EA02-EP-11SB13-00501	SVOC TICs	UNKNOWN W	6.60E-01	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN A	2.60E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	Pesticides	UNKNOWN A	2.50E+02	NJ	0.5-2.5
11	SB-14	EA02-EP-11SB14-01301	Pesticides	UNKNOWN A	4.70E+02	NJ	4.5-6.5
11	SB-14	EA02-EP-11SB14-00501	Pesticides	UNKNOWN B	2.00E+02	NJ	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN B	2.70E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN C	1.40E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN C	3.10E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN D	1.50E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN D	5.30E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN E	2.80E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN E	2.80E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN F	1.60E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN F	2.90E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN G	1.40E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN G	2.50E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN H	1.50E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN H	7.30E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-01301	SVOC TICs	UNKNOWN H	9.70E+01	J	4.5-6.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN I	1.30E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN I	5.10E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN J	1.40E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN J	4.00E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN K	3.70E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN K	9.50E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN L	2.50E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN L	6.80E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN M	2.20E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN M	6.50E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN N	5.00E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN N	5.80E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN O	3.80E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN O	6.80E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN P	4.10E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN P	1.40E+01	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN Q	3.40E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN Q	5.80E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-01301	SVOC TICs	UNKNOWN Q	7.70E+01	J	4.5-6.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN R	6.60E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN R	6.60E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00501	SVOC TICs	UNKNOWN S	4.60E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-00502	SVOC TICs	UNKNOWN S	5.20E+00	J	0.5-2.5
11	SB-14	EA02-EP-11SB14-01301	SVOC TICs	UNKNOWN S	8.90E+01	J	4.5-6.5
11	SB-14	EA02-EP-11SB14-01301	SVOC TICs	UNKNOWN T	6.20E+01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	Pesticides	DIBENZOTHIOPHENE A	5.80E+00	NJ	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	Pesticides	DIBENZOTHIOPHENE A	9.20E-01	NJ	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	Pesticides	DIBENZOTHIOPHENE B	4.40E+00	NJ	0.5-2.5
11	SB-15	EA02-EP-11SB15-00501	Pesticides	UNKNOWN A	1.60E+02	NJ	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN A	6.50E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	Pesticides	UNKNOWN A	8.10E+01	NJ	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN AA	6.50E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AA	2.00E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AB	9.70E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AC	5.30E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AD	5.30E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AE	5.00E-01	J	4.5-6.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AF	5.20E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AG	4.30E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AH	9.70E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AI	1.30E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN AJ	3.20E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN B	7.20E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	Pesticides	UNKNOWN B	1.20E+02	NJ	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN B	1.20E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN C	9.00E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN C	3.80E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN C	1.10E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN D	1.40E+01	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN D	4.80E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN D	1.00E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN E	1.00E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN E	1.10E+01	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN E	3.20E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN F	6.40E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN F	6.20E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN F	1.70E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN G	5.20E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN G	2.90E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN G	1.70E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN H	4.50E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN H	4.60E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN H	1.00E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN I	2.90E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN I	2.80E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN I	1.20E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN J	2.80E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN J	3.20E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN J	1.10E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN K	1.50E+01	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN K	6.30E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN K	1.50E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN L	3.90E+01	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN L	1.80E+01	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN L	1.30E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN M	1.30E+01	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-00502	SVOC TICs	UNKNOWN M	4.40E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN M	1.20E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN N	7.50E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN N	1.10E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	Pesticides	UNKNOWN O	1.00E+02	NJ	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN O	1.20E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN P	5.30E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN P	1.30E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN Q	6.40E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN Q	1.30E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN R	1.80E+01	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN R	4.10E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN S	8.80E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN S	1.50E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN T	4.50E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	Pesticides	UNKNOWN T	2.00E+02	NJ	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN U	4.20E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN U	1.10E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN V	6.80E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN V	1.30E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN W	4.00E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN W	7.20E-01	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN X	4.60E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN X	1.60E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN Y	9.80E+00	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN Y	1.20E+00	J	4.5-6.5
11	SB-15	EA02-EP-11SB15-00501	SVOC TICs	UNKNOWN Z	2.10E+01	J	0.5-2.5
11	SB-15	EA02-EP-11SB15-01301	SVOC TICs	UNKNOWN Z	3.40E+00	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-01301	Pesticides	SULFUR, MOL. (S8) A	3.80E+01	NJ	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	Pesticides	UNKNOWN A	1.40E+02	NJ	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN A	1.00E+00	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN B	3.90E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	Pesticides	UNKNOWN B	6.00E+01	NJ	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN C	5.20E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN C	2.20E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN D	8.00E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN D	2.60E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN E	6.10E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN E	2.20E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN F	6.40E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN F	2.90E+00	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN G	4.10E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN G	2.30E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN H	3.60E+01	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN H	4.60E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN I	6.30E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN I	2.40E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN J	2.10E+01	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN J	6.20E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN K	2.50E+01	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN K	6.20E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN L	7.40E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN L	6.30E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN M	5.80E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN N	1.70E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	Pesticides	UNKNOWN N	1.40E+02	NJ	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN N	4.40E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN O	4.10E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN O	3.30E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN P	5.20E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN P	5.90E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN Q	1.30E+01	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN Q	1.70E+00	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN R	7.00E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN R	8.50E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN S	2.10E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-01301	SVOC TICs	UNKNOWN S	3.00E-01	J	4.5-6.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN T	3.50E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN U	2.50E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN V	2.30E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN W	5.10E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN X	2.60E+00	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN Y	1.60E+01	J	0.5-2.5
11	SB-16	EA02-EP-11SB16-00505	SVOC TICs	UNKNOWN Z	4.20E+00	J	0.5-2.5
11	SB-17	EA02-EP-11SB17-01301	Pesticides	SULFUR A	2.20E+00	NJ	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN A	1.20E+00	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	Pesticides	UNKNOWN B	6.40E+01	NJ	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN C	7.70E-01	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN D	1.30E+00	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN E	5.30E-01	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN F	8.50E-01	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN G	5.40E-01	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN H	3.50E-01	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN I	6.70E-01	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN J	2.80E-01	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN K	3.90E-01	J	4.5-6.5
11	SB-17	EA02-EP-11SB17-01301	SVOC TICs	UNKNOWN L	3.20E-01	J	4.5-6.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON A	3.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON B	3.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON C	4.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 A	4.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 B	2.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 C	5.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON C17H12 A	7.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON C17H12 B	8.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	AROMATIC HYDROCARBON C17H12 C	4.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	BENZONAPHTHOTHIOPHENE A	3.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	BENZOPYRENE ISOMER A	3.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	DIBENZOTHIOPHENE A	4.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	1.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	DIMETHYLPHENANTHRENE A	2.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	TRICHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	UNKNOWN A	3.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	UNKNOWN A	5.00E-03	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	UNKNOWN B	3.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	UNKNOWN C	1.00E+01	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E+00	J	0.5-2.5
11	SB-4	EA01-RE-11SB04-00501	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	ANTHRACENEDIONE ISOMER+HC A	3.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON A	3.00E+01	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON B	4.00E+01	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON C	4.00E+01	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON D	7.00E+01	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON E	5.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON F	3.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON G	3.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON H	6.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON I	6.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON J	6.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON K	3.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON L	6.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	AROMATIC HYDROCARBON C11H10 A	4.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	3.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	4.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	HYDROCARBON (C14H30) A	3.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	METHYLFLUORENE A	3.00E+00	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	UNKNOWN A	1.00E+01	J	0.5-2.5
11	SB-5	EA01-RE-11SB05-00501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	Pesticides	SULFUR A	6.80E+00	NJ	4.5-6.5
11	SB-7	EA02-EP-11SB07-01301	Pesticides	SULFUR, MOL. (S8) A	3.30E+00	NJ	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN A	3.70E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN A	1.70E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN B	3.40E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	Pesticides	UNKNOWN B	2.60E+02	NJ	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN C	3.90E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN C	9.70E-01	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	Pesticides	UNKNOWN D	2.80E+02	NJ	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN D	2.50E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN E	4.80E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN E	1.90E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN F	8.10E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN F	1.70E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN G	4.30E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN G	1.90E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN H	4.90E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN H	6.40E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN I	5.90E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN I	9.00E-01	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN J	1.60E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN J	8.10E-01	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN K	2.00E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN K	7.10E-01	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN L	2.50E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN L	1.80E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN M	2.50E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN M	1.10E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN N	2.40E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN N	1.10E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN O	1.70E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN O	2.20E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN P	2.20E+00	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN P	3.50E+00	J	4.5-6.5
11	SB-7	EA02-EP-11SB07-00501	SVOC TICs	UNKNOWN Q	1.30E+01	J	0.5-2.5
11	SB-7	EA02-EP-11SB07-01301	SVOC TICs	UNKNOWN Q	1.60E+00	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	VOC TICs	1,1'-BIPHENYL, HEXACHLORO- A	5.00E-01	NJ	0.5-2.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN A	1.30E+00	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN A	1.10E+00	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	Pesticides	UNKNOWN B	1.60E+02	NJ	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	Pesticides	UNKNOWN B	1.40E+02	NJ	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN C	1.70E+00	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN C	2.70E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN D	1.20E+00	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN D	5.20E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN E	1.10E+00	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN E	2.00E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN F	2.10E+00	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN F	5.10E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN G	2.00E+00	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN G	3.40E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN H	1.20E+00	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN H	2.50E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN I	4.00E-01	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN I	1.50E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN J	5.30E-01	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN J	3.30E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN K	5.70E-01	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN K	1.70E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN L	9.00E-01	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN L	1.10E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN M	8.70E-01	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN M	1.60E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN N	3.90E-01	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN N	1.70E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN O	3.20E-01	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN O	1.60E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN P	7.20E-01	J	0.5-2.5
11	SB-8	EA02-EP-11SB08-01301	SVOC TICs	UNKNOWN P	2.40E-01	J	4.5-6.5
11	SB-8	EA02-EP-11SB08-00501	SVOC TICs	UNKNOWN Q	1.40E+00	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-00501	SVOC TICs	UNKNOWN A	4.40E-01	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-00502	SVOC TICs	UNKNOWN A	7.50E-01	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN A	1.40E+00	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-00501	SVOC TICs	UNKNOWN B	1.40E+00	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-00502	Pesticides	UNKNOWN B	9.20E+01	NJ	0.5-2.5
11	SB-9	EA02-EP-11SB09-01301	Pesticides	UNKNOWN B	2.40E+02	NJ	4.5-6.5
11	SB-9	EA02-EP-11SB09-00501	Pesticides	UNKNOWN C	1.30E+02	NJ	0.5-2.5
11	SB-9	EA02-EP-11SB09-00502	SVOC TICs	UNKNOWN C	8.70E-02	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN C	1.20E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-00501	SVOC TICs	UNKNOWN D	1.60E-01	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-00502	SVOC TICs	UNKNOWN D	1.60E-01	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN D	1.80E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-00501	SVOC TICs	UNKNOWN E	4.40E-01	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-00502	SVOC TICs	UNKNOWN E	2.00E-01	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN E	1.20E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-00501	SVOC TICs	UNKNOWN F	3.80E-01	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-00502	SVOC TICs	UNKNOWN F	7.60E-02	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN F	3.20E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-00501	SVOC TICs	UNKNOWN G	7.90E-02	J	0.5-2.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN G	1.40E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN H	1.80E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN I	1.20E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN J	2.30E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN K	1.10E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN L	9.50E-02	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN M	1.10E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN N	4.30E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN O	2.10E-01	J	4.5-6.5
11	SB-9	EA02-EP-11SB09-01301	SVOC TICs	UNKNOWN P	9.90E-02	J	4.5-6.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	4,4'-DDD	5.20E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	4,4'-DDE	5.20E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	4,4'-DDT	5.20E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	ALDRIN	2.60E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	ALPHA-BHC	2.60E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	ALPHA-CHLORDANE	2.60E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	BETA-BHC	2.60E-02	U	0-0.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	DELTA-BHC	1.60E-02		0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	DIELDRIN	5.20E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	ENDOSULFAN I	2.60E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	ENDOSULFAN II	5.20E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	ENDOSULFAN SULFATE	5.20E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	ENDRIN	5.20E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	ENDRIN KETONE	5.20E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	GAMMA-BHC (LINDANE)	2.60E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	GAMMA-CHLORDANE	2.60E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	HEPTACHLOR	2.60E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	HEPTACHLOR EPOXIDE	2.60E-02	U	0-0.5
12	SS-13	EA01-RE-12SS13-00105	SVOC TICs	HEXADECANOIC ACID A	6.00E+00	J	0-0.5
12	SS-13	EA01-RE-12SS13-00105	SVOC TICs	HYDROCARBON (C14H30) A	8.00E+00	J	0-0.5
12	SS-13	EA01-RE-12SS13-00105	SVOC TICs	HYDROCARBON (C15H32) A	9.00E+00	J	0-0.5
12	SS-13	EA01-RE-12SS13-00105	SVOC TICs	HYDROCARBON (C16H34) A	9.00E+00	J	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	METHOXYCHLOR	2.60E-01	U	0-0.5
12	SS-13	EA01-RE-12SS13-0010a	VOC TICs	TOXAPHENE	2.60E+00	U	0-0.5
12	SS-13	EA01-RE-12SS13-00105	SVOC TICs	UNKNOWN CYCLIC HYDROCARBON A	2.00E+01	J	0-0.5
12	SS-13	EA01-RE-12SS13-00105	SVOC TICs	UNKNOWN CYCLIC HYDROCARBON B	4.00E+00	J	0-0.5
12	SS-13	EA01-RE-12SS13-00105	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	4,4'-DDD	3.30E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	4,4'-DDE	3.30E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	4,4'-DDT	3.30E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	ALDRIN	1.60E-01	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	ALPHA-BHC	1.60E-01	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	ALPHA-CHLORDANE	1.60E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	BETA-BHC	1.60E-01	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	DELTA-BHC	1.60E-01	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	DIELDRIN	3.30E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	ENDOSULFAN I	1.60E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	ENDOSULFAN II	3.30E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	ENDOSULFAN SULFATE	3.30E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	ENDRIN	3.30E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	ENDRIN KETONE	3.30E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	GAMMA-BHC (LINDANE)	1.60E-01	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	GAMMA-CHLORDANE	1.60E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	HEPTACHLOR	1.60E-01	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	HEPTACHLOR EPOXIDE	1.60E-02	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	METHOXYCHLOR	1.60E-01	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	VOC TICs	TOXAPHENE	1.60E+00	U	0-0.5
12	SS-14	EA01-RE-12SS14-00101	SVOC TICs	UNKNOWN CYCLIC HYDROCARBON A	2.00E+00	J	0-0.5
12	SS-14	EA01-RE-12SS14-00101	SVOC TICs	UNKNOWN KETONE A	2.00E+00	JB	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	2,4,5-T	5.25E-01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	2,4,5-TP (SILVEX)	5.25E-01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	2,4-D	3.33E+00		0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	4,4'-DDD	8.50E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	4,4'-DDE	8.50E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	4,4'-DDT	4.60E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	ALDRIN	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	ALPHA-BHC	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	AROMATIC HYDROCARBON+UNK HC A	2.00E+00	J	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	BETA-BHC	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	CHLORDANE	4.25E-01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	DELTA-BHC	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	DIELDRIN	8.50E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	DIMETHOATE	1.04E+01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	DISULFOTON	1.30E+00	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	ENDOSULFAN I	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	ENDOSULFAN II	8.50E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	ENDOSULFAN SULFATE	8.50E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	ENDRIN	8.50E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	ENDRIN ALDEHYDE	8.50E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	FAMPHUR	1.04E+01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	GAMMA-BHC (LINDANE)	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	HEPTACHLOR	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	HEPTACHLOR EPOXIDE	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	ISODRIN	4.25E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	KEPONE	8.50E-02	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	METHOXYCHLOR	4.25E-01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	METHYL PARATHION	2.70E+00	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	O,O,O-TRIETHYL PHOSPHOROTHIOATE	5.30E-01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	PARATHION	2.15E+00	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	PHORATE	5.30E-01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	SULFOTEPP	1.30E+01	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	THIONAZIN	1.30E+00	U	0-0.5
12	SS-15	EA01-RE-12SS15-0010a	VOC TICs	TOXAPHENE	8.50E-01	U	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN A	2.00E-01	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN B	6.00E-02	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN ACID A	3.00E+00	JB	0-0.5
12	SS-15	EA01-RE-12SS15-00105	SVOC TICs	UNKNOWN ACID ESTER A	3.00E+00	JB	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN CYCLIC HYDROCARBON A	2.00E+00	J	0-0.5
12	SS-15	EA01-RE-12SS15-00105	SVOC TICs	UNKNOWN CYCLIC HYDROCARBON A	2.00E+00	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	0-0.5
12	SS-15	EA01-RE-12SS15-00105	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E-01	J	0-0.5
12	SS-15	EA01-RE-12SS15-00105	SVOC TICs	UNKNOWN HYDROCARBON B	8.00E-02	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-01	J	0-0.5
12	SS-15	EA01-RE-12SS15-00105	SVOC TICs	UNKNOWN HYDROCARBON C	5.00E-02	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN HYDROCARBON D	6.00E-02	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E-01	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E-01	J	0-0.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs UNKNOWN HYDROCARBON G	1.00E-01	J	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs UNKNOWN KETONE A	1.00E+02	JB	0-0.5
12	SS-15	EA01-RE-12SS15-00105	SVOC TICs UNKNOWN KETONE A	6.00E+01	JB	0-0.5
12	SS-15	EA01-RE-12SS15-00102	SVOC TICs UNKNWON HYDROCARBON A	1.00E-01	J	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs 4,4'-DDD	2.60E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs 4,4'-DDE	2.60E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs 4,4'-DDT	2.60E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs ALDRIN	1.30E-01	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs ALPHA-BHC	1.30E-01	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs ALPHA-CHLORDANE	1.30E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs BETA-BHC	1.30E-01	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs DELTA-BHC	1.30E-01	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs DIELDRIN	2.60E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs ENDOSULFAN I	1.30E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs ENDOSULFAN II	2.60E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs ENDOSULFAN SULFATE	2.60E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs ENDRIN	2.60E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs ENDRIN KETONE	2.60E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs GAMMA-BHC (LINDANE)	1.30E-01	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs GAMMA-CHLORDANE	1.30E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs HEPTACHLOR	1.30E-01	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs HEPTACHLOR EPOXIDE	1.30E-02	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs METHOXYCHLOR	1.30E-01	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	VOC TICs TOXAPHENE	1.30E+00	U	0-0.5
12	SS-17	EA01-RE-12SS17-00101	SVOC TICs UNKNOWN HYDROCARBON A	8.00E-02	J	0-0.5
12	SS-17	EA01-RE-12SS17-00101	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-02	J	0-0.5
12	SS-17	EA01-RE-12SS17-00101	SVOC TICs UNKNOWN HYDROCARBON C	2.00E-01	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs 4,4'-DDD	3.50E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs 4,4'-DDE	3.50E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs 4,4'-DDT	3.50E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs ALDRIN	8.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs ALPHA-BHC	8.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs ALPHA-CHLORDANE	1.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs BETA-BHC	8.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs DELTA-BHC	1.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs DIELDRIN	3.50E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs ENDOSULFAN I	1.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs ENDOSULFAN II	3.50E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs ENDOSULFAN SULFATE	3.50E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs ENDRIN	3.50E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs ENDRIN KETONE	3.50E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs GAMMA-BHC (LINDANE)	8.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs GAMMA-CHLORDANE	1.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs HEPTACHLOR	1.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs HEPTACHLOR EPOXIDE	1.80E-02	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C13H28) A	2.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C15H32) A	2.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C15H32) B	1.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C16H34) A	4.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C16H34) B	3.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C16H34) C	4.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C16H34) D	5.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C16H34) E	2.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C18H38) A	3.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C18H38) B	3.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs HYDROCARBON (C19H40) A	3.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs METHOXYCHLOR	1.80E-01	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs SUBST. NAPHTHALENE A	3.00E-02	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	VOC TICs TOXAPHENE	1.80E+00	U	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN A	3.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN B	5.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN C	3.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN D	5.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN E	4.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON A	2.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON A	1.00E-01	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON B	1.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON B	5.00E-02	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON C	2.00E+00	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON C	3.00E-02	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON D	5.00E-01	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON E	4.00E-02	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON F	5.00E-02	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON G	8.00E-02	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN HYDROCARBON H	3.00E-02	J	0-0.5
12	SS-7	EA01-RE-12SS07-00101	SVOC TICs UNKNOWN KETONE A	4.00E+01	JB	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs 4,4'-DDD	2.90E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs 4,4'-DDE	2.90E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs 4,4'-DDT	2.90E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs ALDRIN	1.45E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs ALPHA-BHC	1.45E-01	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs ALPHA-CHLORDANE	1.45E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs BETA-BHC	1.45E-01	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs DELTA-BHC	1.45E-01	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs DIELDRIN	2.90E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs ENDOSULFAN I	1.45E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs ENDOSULFAN II	2.90E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs ENDOSULFAN SULFATE	2.90E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs ENDRIN	2.90E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs ENDRIN KETONE	2.90E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs GAMMA-BHC (LINDANE)	1.45E-01	U	0-0.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs	GAMMA-CHLORDANE	1.45E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs	HEPTACHLOR	1.45E-01	U	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs	HEPTACHLOR EPOXIDE	1.45E-02	U	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C12H26) A	2.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C12H26) A	3.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C13H26) A	4.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C13H28) A	2.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C13H28) B	4.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C14H30) A	6.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C15H32) A	2.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C15H32) B	4.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C16H34) A	2.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C16H34) A	7.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C16H34) B	7.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C16H34) B	7.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C16H34) C	7.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C16H34) C	3.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C16H34) D	6.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C16H34) D	9.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	HYDROCARBON (C19H40) A	5.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	HYDROCARBON (C19H40) A	8.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs	METHOXYCHLOR	1.45E-01	U	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	NAPHTHALENE A	8.00E-01	JB	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	SUBST. BENZENE + HC A	4.00E-02	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	SUBST. BENZENE + HC B	5.00E-02	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	SUBST. BENZENE + HC C	4.00E-02	J	0-0.5
12	SS-8	EA01-RE-12SS08-0010a	VOC TICs	TOXAPHENE	1.45E+00	U	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN A	3.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN A	6.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN B	5.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN B	6.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN C	2.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN C	2.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN D	4.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN D	7.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN E	4.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN E	6.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN F	5.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN F	3.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON A	4.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON A	4.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON B	6.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON C	7.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON D	5.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON D	6.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON D	8.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-02	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON E	9.00E-02	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON E	7.00E-02	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON F	4.00E-01	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON G	1.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E+00	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN HYDROCARBON I	7.00E-02	J	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN HYDROCARBON C11H20 A	8.00E-02	J	0-0.5
12	SS-8	EA01-RE-12SS08-00102	SVOC TICs	UNKNOWN KETONE A	3.00E+01	JB	0-0.5
12	SS-8	EA01-RE-12SS08-00105	SVOC TICs	UNKNOWN KETONE A	3.00E+01	JB	0-0.5
13	SB-1	EA01-RE-13SB01-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 A	2.00E-01	J	0.5-2.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	SUBST. CYCLOHEXANE A	4.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	SUBST. CYCLOHEXANE B	1.00E-01	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	SUBST. NAPHTHALENE A	2.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	SUBST. NAPHTHALENE B	5.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-01301	SVOC TICs	TRICHLOROTRIFLUOROETHANE A	1.00E-02	JB	4.5-6.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN A	1.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN B	4.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN C	5.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN D	4.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN E	9.00E-03	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN F	7.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN G	4.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN H	1.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN I	9.00E-03	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN J	9.00E-03	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E-02	J	2.5-4.5
13	SB-1	EA01-RE-13SB01-00901	SVOC TICs	UNKNOWN KETONE A	4.00E+00	JB	2.5-4.5
13	SB-1	EA01-RE-13SB01-01301	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	4.5-6.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs	ANTHRACENEDIONE A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs	ANTHRACENEDIONE ISOMER B	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs	AROMATIC HYDROCARBON A	1.00E+01	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs	AROMATIC HYDROCARBON A	4.00E+00	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs AROMATIC HYDROCARBON B	8.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs AROMATIC HYDROCARBON B	5.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs AROMATIC HYDROCARBON C	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs AROMATIC HYDROCARBON D	6.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs AROMATIC HYDROCARBON E	3.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs AROMATIC HYDROCARBON F	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs AROMATIC HYDROCARBON C16H12 A	2.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs AROMATIC HYDROCARBON C17H12 A	1.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs AROMATIC HYDROCARBON C17H12 B	2.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs BENZONAPHTHO-FURAN A	6.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs BENZONAPHTHOTHIOPHENE A	1.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs BENZOPYRENE ISOMER A	7.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs BENZOPYRENE ISOMER B	8.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs DIBENZOTHIOPHENE A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs DIMETHYLPHENANTHRENE A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs DIMETHYLPHENANTHRENE B	3.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs HEXACHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs HEXACHLORONAPHTHALENE B	3.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs HEXADECANOIC ACID A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs HEXADECANOIC ACID ESTER A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs HYDROCARBON (C14H30) A	1.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs HYDROCARBON (C19H40) A	1.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs METHYLPHENANTHRENE A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs METHYLPHENANTHRENE B	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs METHYLPIRENE A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs METHYLPIRENE B	1.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs METHYLPIRENE ISOMER +UNKN. A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs PENTACHLORONAPHTHALENE A	1.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs PENTACHLORONAPHTHALENE B	1.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs PENTACHLORONAPHTHALENE C	3.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs PENTACHLORONAPHTHALENE D	7.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs PENTACHLORONAPHTHALENE E	4.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs PROPANOIC ACID ESTER A	2.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs TETRACHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs TETRACHLORONAPHTHALENE B	6.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs TETRACHLORONAPHTHALENE C	4.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs TETRACHLORONAPHTHALENE D	9.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs TETRACHLORONAPHTHALENE E	5.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs TETRACHLORONAPHTHALENE F	2.00E+01	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs TRICHLORONAPHTHALENE A	2.00E+01	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs TRICHLORONAPHTHALENE B	2.00E+01	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN A	5.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN A	3.00E-02	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN A	1.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN B	5.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN B	3.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN B	2.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN C	1.00E+01	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN C	3.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN C	1.00E-01	JB	12.5-14.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN D	4.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN D	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN D	1.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN E	7.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN F	9.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN G	7.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN H	8.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN I	7.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN J	6.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN AROMATIC HYDROCARBON A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN AROMATIC HYDROCARBON B	1.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN AROMATIC HYDROCARBON C	1.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN AROMATIC HYDROCARBON D	1.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN AROMATIC HYDROCARBON E	4.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN AROMATIC HYDROCARBON F	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN AROMATIC HYDROCARBON G	3.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN HYDROCARBON A	2.00E+00	J	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN HYDROCARBON A	2.00E+00	J	2.5-4.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN HYDROCARBON A	2.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN HYDROCARBON B	3.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN HYDROCARBON C	1.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN HYDROCARBON D	2.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN HYDROCARBON E	1.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN HYDROCARBON F	1.00E-01	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-00501	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN KETONE A	9.00E+00	JB	2.5-4.5
13	SB-10	EA01-RE-13SB10-02901	SVOC TICs UNKNOWN KETONE A	6.00E+00	J	12.5-14.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNKNOWN KETONE B	9.00E+00	JB	2.5-4.5
13	SB-10	EA01-RE-13SB10-00901	SVOC TICs UNSAT. HYDROCARBON (C14H28) A	2.00E+00	J	2.5-4.5
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN A	1.30E+00	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	Pesticides UNKNOWN B	6.00E+01	NJ	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN C	1.20E-01	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN D	3.50E-01	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN E	2.40E-01	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN F	9.20E-02	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN G	1.60E-01	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN H	8.80E-02	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN I	1.20E-01	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN J	2.00E-01	J	13.5-15
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs UNKNOWN K	1.40E-01	J	13.5-15

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
13	SB-11	EA02-EP-13SB11-03001	SVOC TICs	UNKNOWN L	2.30E-01	J	13.5-15
13	SB-12	EA02-EP-13SB12-00901	VOC TICs	DECANE A	1.80E-02		2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	VOC TICs	DODECANE, 2,6,10-TRIMETHYL- A	1.50E-02		2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	VOC TICs	HEPTADECANE, 2,6,10,15-TETRA- A	2.20E-02		2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	VOC TICs	NAPHTHALENE, 2-METHYL- A	1.40E-02		2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	VOC TICs	NAPHTHALENE, 2-METHYL- B	2.40E-02		2.5-4.5
13	SB-12	EA02-EP-13SB12-02101	Pesticides	SULFUR, MOL. (S8) A	3.40E-01	NJ	8.5-10.5
13	SB-12	EA02-EP-13SB12-00901	VOC TICs	TETRADECANE A	5.20E-02		2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	VOC TICs	TRIDECANE A	3.80E-02		2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	Pesticides	UNKNOWN A	3.20E+02	NJ	2.5-4.5
13	SB-12	EA02-EP-13SB12-02101	SVOC TICs	UNKNOWN A	1.60E+00	J	8.5-10.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN B	2.10E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-02101	Pesticides	UNKNOWN B	2.90E+02	NJ	8.5-10.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN C	2.80E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-02101	SVOC TICs	UNKNOWN C	4.50E-01	J	8.5-10.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN D	2.20E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-02101	SVOC TICs	UNKNOWN D	2.40E-01	J	8.5-10.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN E	2.70E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN F	5.20E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN G	8.10E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN H	6.50E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN I	7.10E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN J	8.30E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN K	7.00E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN L	9.80E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN M	7.90E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN N	2.70E+01	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN O	9.50E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN P	9.80E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN Q	8.50E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN R	5.30E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN S	9.30E-01	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN T	2.30E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN U	8.50E-01	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN V	1.10E+00	J	2.5-4.5
13	SB-12	EA02-EP-13SB12-00901	SVOC TICs	UNKNOWN W	1.30E+00	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	VOC TICs	CYCLOHEXANE, METHYL- A	1.20E-02		2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	VOC TICs	NAPHTHALENE A	3.30E-02		2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN A	4.50E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-02101	SVOC TICs	UNKNOWN A	1.40E+00	J	8.5-10.5
13	SB-13	EA02-EP-13SB13-00901	Pesticides	UNKNOWN B	6.60E+01	NJ	2.5-4.5
13	SB-13	EA02-EP-13SB13-02101	Pesticides	UNKNOWN B	2.60E+02	NJ	8.5-10.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN C	2.60E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-02101	SVOC TICs	UNKNOWN C	3.90E-01	J	8.5-10.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN D	2.30E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-02101	SVOC TICs	UNKNOWN D	2.20E-01	J	8.5-10.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN E	3.60E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-02101	SVOC TICs	UNKNOWN E	8.40E-02	J	8.5-10.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN F	2.00E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-02101	SVOC TICs	UNKNOWN F	8.40E-02	J	8.5-10.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN G	3.60E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-02101	SVOC TICs	UNKNOWN G	3.10E-01	J	8.5-10.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN H	7.90E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN I	3.40E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN J	2.50E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN K	3.50E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN L	1.30E+00	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN M	5.30E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN N	1.50E+00	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN O	4.40E-01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN P	2.20E+00	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN Q	3.70E+01	J	2.5-4.5
13	SB-13	EA02-EP-13SB13-00901	SVOC TICs	UNKNOWN R	3.50E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-00901	Pesticides	CHOLESTEROL A	2.60E+01	NJ	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	Pesticides	SULFUR, MOL. (S8) A	1.90E-01	NJ	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	Pesticides	UNKNOWN A	2.50E+02	NJ	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN A	1.20E+00	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN B	8.90E-01	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	Pesticides	UNKNOWN B	2.30E+02	NJ	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN C	1.20E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN C	3.30E-01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN D	1.70E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN D	2.10E-01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN E	4.00E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN E	1.60E-01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN F	2.10E+01	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN F	1.40E+00	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN G	1.50E+01	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN G	6.90E-01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN H	9.30E+01	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN H	3.40E-01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN I	1.70E+01	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN I	1.10E+01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN J	5.20E-01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN K	2.50E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN K	4.00E+00	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN L	4.10E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN L	5.00E-01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN M	1.50E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN M	6.00E-01	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN N	1.10E+01	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
13	SB-14	EA02-EP-13SB14-02101	SVOC TICs	UNKNOWN N	2.10E+00	J	8.5-10.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN O	1.80E+01	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN P	6.50E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN Q	4.70E+01	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN R	8.00E+00	J	2.5-4.5
13	SB-14	EA02-EP-13SB14-00901	SVOC TICs	UNKNOWN S	5.30E+01	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-02101	Pesticides	SULFUR, MOL. (S8) A	1.40E-01	NJ	8.5-10.5
13	SB-15	EA02-EP-13SB15-02102	Pesticides	SULFUR, MOL. (S8) A	1.80E-01	NJ	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	Pesticides	UNKNOWN A	1.20E+02	NJ	2.5-4.5
13	SB-15	EA02-EP-13SB15-02101	SVOC TICs	UNKNOWN A	1.30E+00	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-02102	SVOC TICs	UNKNOWN A	1.30E+00	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN B	5.70E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-02101	Pesticides	UNKNOWN B	2.40E+02	NJ	8.5-10.5
13	SB-15	EA02-EP-13SB15-02102	Pesticides	UNKNOWN B	2.40E+02	NJ	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN C	4.60E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-02101	SVOC TICs	UNKNOWN C	3.40E-01	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-02102	SVOC TICs	UNKNOWN C	3.50E-01	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN D	5.80E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-02101	SVOC TICs	UNKNOWN D	1.90E-01	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-02102	SVOC TICs	UNKNOWN D	1.00E-01	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN E	5.40E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-02102	SVOC TICs	UNKNOWN E	1.90E-01	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN F	5.10E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-02102	SVOC TICs	UNKNOWN F	8.60E-02	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN G	7.80E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-02102	SVOC TICs	UNKNOWN G	1.30E-01	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN H	4.50E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-02102	SVOC TICs	UNKNOWN H	9.30E-01	J	8.5-10.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN I	1.50E+01	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN J	6.30E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN K	9.60E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN L	3.00E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN M	6.00E+00	J	2.5-4.5
13	SB-15	EA02-EP-13SB15-00901	SVOC TICs	UNKNOWN N	7.30E+00	J	2.5-4.5
13	SB-16	EA02-EP-13SB16-03001	Pesticides	SULFUR, MOL. (S8) A	3.20E+00	NJ	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN A	8.30E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN A	1.10E+00	J	13-15
13	SB-16	EA02-EP-13SB16-01701	Pesticides	UNKNOWN B	2.60E+02	NJ	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	Pesticides	UNKNOWN B	2.20E+02	NJ	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN C	5.20E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN C	1.10E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN D	1.40E+00	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN D	3.10E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN E	1.60E+00	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN E	9.20E-02	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN F	5.60E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN F	3.70E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN G	5.80E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN G	1.80E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN H	8.30E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN H	1.20E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN I	6.20E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN I	2.10E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN J	1.10E+00	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN J	8.50E-02	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN K	1.10E+00	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN K	9.80E-02	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN L	4.60E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN L	1.30E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN M	2.80E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN M	1.10E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN N	2.70E-01	J	6.5-8.5
13	SB-16	EA02-EP-13SB16-03001	SVOC TICs	UNKNOWN N	9.80E-01	J	13-15
13	SB-16	EA02-EP-13SB16-01701	SVOC TICs	UNKNOWN O	5.00E-01	J	6.5-8.5
13	SB-17	EA02-EP-13SB17-02401	SVOC TICs	UNKNOWN A	3.20E-01	J	10-12
13	SB-17	EA02-EP-13SB17-02401	SVOC TICs	UNKNOWN B	1.90E-01	J	10-12
13	SB-17	EA02-EP-13SB17-02401	SVOC TICs	UNKNOWN C	1.10E+00	J	10-12
13	SB-17	EA02-EP-13SB17-02401	Pesticides	UNKNOWN D	1.50E+02	NJ	10-12
13	SB-17	EA02-EP-13SB17-02401	SVOC TICs	UNKNOWN E	3.10E-01	J	10-12
13	SB-17	EA02-EP-13SB17-02401	SVOC TICs	UNKNOWN F	1.10E-01	J	10-12
13	SB-17	EA02-EP-13SB17-02401	SVOC TICs	UNKNOWN G	2.50E-01	J	10-12
13	SB-18	EA02-EP-13SB18-02101	Pesticides	SULFUR, MOL. (S8) A	1.20E-01	NJ	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN A	6.70E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN A	4.60E-01	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	Pesticides	UNKNOWN B	1.10E+02	NJ	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN B	2.10E-01	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN C	2.80E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN C	9.90E-01	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN D	4.00E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	Pesticides	UNKNOWN D	1.40E+02	NJ	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN E	3.70E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN E	2.90E-01	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN F	4.30E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN F	9.00E-02	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN G	3.70E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN G	1.40E-01	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN H	2.10E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN H	1.80E-01	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN I	7.50E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN I	8.30E-02	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN J	4.10E-01	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN J	9.00E-02	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN K	2.20E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN L	1.30E-01	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN M	4.80E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-02101	SVOC TICs	UNKNOWN N	1.50E-01	J	8.5-10.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN O	9.80E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN P	5.00E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN Q	3.80E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN R	3.40E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN S	3.90E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN T	3.70E-01	J	2.5-4.5
13	SB-18	EA02-EP-13SB18-00901	SVOC TICs	UNKNOWN U	4.60E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	BUTANOIC ACID ESTER A	6.90E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	DICHLOROBENZENE A	4.30E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	DICHLORONAPHTHALENE +UNKNOWN A	2.00E-01	JB	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	DIMETHYLPENTENE A	1.00E-02	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	DODECANAMIDE ISOMER A	2.00E+00	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	METHYLPENTENEONE ISOMER A	2.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	PROPANOIC ACID ESTER A	9.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	PROPANOIC ACID ESTER A	4.00E-01	JB	2.5-4.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	SUBST. NAPHTHALENE A	3.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	TETRACHLORONAPHTHALENE A	1.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	TETRACHLORONAPHTHALENE B	6.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	TETRACHLORONAPHTHALENE C	6.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	TETRADECANOIC ACID A	5.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	TETRADECANOIC ACID B	2.00E+00	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	TRICHLORONAPHTHALENE A	2.00E+00	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	TRICHLORONAPHTHALENE A	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	TRICHLORONAPHTHALENE B	2.00E+00	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00501	SVOC TICs	UNKNOWN A	1.00E-02	J	0.5-2.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN A	7.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN A	1.00E-02	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN A	2.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN A	7.00E-03	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN A	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN A	3.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN B	5.00E+00	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN B	1.00E-02	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN B	9.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN B	7.00E-03	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN B	3.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN B	2.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN C	5.00E+00	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN C	1.00E-02	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN C	9.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN C	4.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN D	8.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN D	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN D	1.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN E	2.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00501	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	9.00E-01	J	0.5-2.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	3.00E+00	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	6.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON B	3.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN CYCLOHEXANE A	2.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON A	5.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON B	6.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON C	9.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON D	9.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON D	8.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON E	8.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON E	4.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON F	7.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON F	4.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON G	8.00E-01	J	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON G	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON H	9.00E-02	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON H	3.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON I	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON I	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON J	1.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs	UNKNOWN HYDROCARBON J	3.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs	UNKNOWN HYDROCARBON K	4.00E-01	J	12.5-14.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs UNKNOWN HYDROCARBON L	3.00E-01	J	12.5-14.5
13	SB-2	EA01-RE-13SB02-00501	SVOC TICs UNKNOWN KETONE A	5.00E+00	JB	0.5-2.5
13	SB-2	EA01-RE-13SB02-00901	SVOC TICs UNKNOWN KETONE A	9.00E+00	JB	2.5-4.5
13	SB-2	EA01-RE-13SB02-02901	SVOC TICs UNKNOWN KETONE A	7.00E+00	JB	12.5-14.5
13	SB-2	EA01-RE-13SB02-02902	SVOC TICs UNKNOWN KETONE A	9.00E+00	JB	12.5-14.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs 1-METHYLNAPHTHALENE A	8.00E-01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON & UNKNOWN A	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 A	7.00E-01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 B	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 C	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C13H14 A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C15H12 A	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C15H12 B	7.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C15H12 C	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C15H12 D	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C15H12 E	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C16H10 A	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C16H12 A	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C16H14 A	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C17H12 A	2.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs AROMATIC HYDROCARBON C17H12 B	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs BENZOFLUORENE ISOMER A	3.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs DICHLOROBENZENE A	2.00E-02	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs DICHLOROBENZENE A	7.00E-02	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs DICHLOROBENZENE B	3.00E-02	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs DICHLOROBENZENE B	8.00E-02	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs DICHLORONAPHTHALENE A	1.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs DIMETHYLNAPHTHALENE A	9.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs DIMETHYLNAPHTHALENE B	7.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs DIMETHYLNAPHTHALENE C	7.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs DIMETHYLPHENANTHRENE A	4.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs DIMETHYLPHENANTHRENE A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs FLUOREN-ONE ISOMER A	9.00E-01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs FLUOREN-ONE ISOMER A	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs HEXADECANOIC ACID ESTER A	5.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs HYDROCARBON (C13H28) A	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs HYDROCARBON (C13H28) A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs HYDROCARBON (C14H30) A	7.00E-01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs HYDROCARBON (C15H32) A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs HYDROCARBON (C16H34) A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs HYDROCARBON (C16H34) A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs HYDROCARBON (C17H36) A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs HYDROCARBON (C18H38) A	9.00E-01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs HYDROCARBON (C19H40) A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs HYDROCARBON (C19H40) A	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs HYDROCARBON (C20H42) A	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs METHYL-9H-FLUORENE ISOMER A	9.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs METHYLANTHRACENE ISOMER A	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs METHYLANTHRACENE ISOMER A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs METHYLANTHRACENE ISOMER B	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs METHYLANTHRACENE ISOMER B	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs METHYLANTHRACENE ISOMER C	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs METHYLANTHRACENE ISOMER D	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs METHYLDIBENZOFURAN A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs METHYLDIBENZOFURAN + SURR. A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs METHYLFLUORENE A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs METHYLPHENANTHRENE A	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs METHYLPHENANTHRENE A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs METHYLPHENANTHRENE B	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs OCTANOIC ACID ESTER A	5.00E-01	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs PHENANTHRENECARBOXYLIC ACID A	6.00E-01	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs PHENANTHRENECARBOXYLIC ACID B	7.00E-01	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs PHENANTHRENECARBOXYLIC ACID C	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs PHENYLNAPHTHALENE A	6.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs PHENYLNAPHTHALENE A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs PHENYLNAPHTHALENE + HYDROCA A	4.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs TETRACHLOROBENZENE A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs TETRACHLOROTHIOPHENE A	7.00E-01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs TRICHLOROTRIFLUOROETHANE A	1.00E-02	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs TRIMETHYLNAPHTHALENE A	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN A	7.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN A	4.00E-02	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN A	1.00E-02	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs UNKNOWN A	2.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN B	1.00E+01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN B	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN B	2.00E+01	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN B	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN C	8.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN C	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN C	3.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN C	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN D	8.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN D	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN D	4.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs UNKNOWN D	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN E	7.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs UNKNOWN E	2.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN E	1.00E+01	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN E	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN F	3.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN F	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN G	3.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN H	5.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN I	3.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN J	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN K	1.00E+01	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN L	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN M	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN N	3.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN O	6.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN P	6.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN Q	3.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN R	8.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN ACID A	1.00E-01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN ACID A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN AROMATIC A	7.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON B	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON B	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON C	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-02	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON A	8.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E-01	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON B	7.00E-03	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON C	9.00E-01	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON C	9.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON D	9.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON G	9.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON I	1.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON J	8.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON K	1.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON L	9.00E-01	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON M	1.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON N	2.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON O	3.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON + AROM. A	2.00E+00	J	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON + AROM. A	2.00E+00	J	2.5-4.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	0.5-2.5
13	SB-3	EA01-RE-13SB03-00501	SVOC TICs	UNKNOWN KETONE A	2.00E+00	JB	0.5-2.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN KETONE A	9.00E+01	JB	2.5-4.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	2.5-4.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	8.5-10.5
13	SB-3	EA01-RE-13SB03-02101	SVOC TICs	UNKNOWN PAH A	2.00E+00	J	8.5-10.5
13	SB-3	EA01-RE-13SB03-00901	SVOC TICs	UNKNOWN PHTHALATE A	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	4.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	4.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	ETHYLNAPHTHALENE A	3.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	HEXADECANOIC ACID A	3.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	HYDROCARBON (C14H30) A	5.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs	HYDROCARBON (C14H30) A	1.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	HYDROCARBON (C15H32) A	1.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs	HYDROCARBON (C15H32) A	1.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	HYDROCARBON (C16H34) A	9.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs	HYDROCARBON (C16H34) A	6.00E-01	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	HYDROCARBON (C17H36) A	8.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs	HYDROCARBON (C17H36) A	3.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	HYDROCARBON (C18H38) A	3.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs	HYDROCARBON (C18H38) A	4.00E-01	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	HYDROCARBON (C19H40) A	3.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs	HYDROCARBON (C19H40) A	8.00E-01	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs	HYDROCARBON (C19H40) A	5.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	METHYLPROPENEISOMER A	4.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	METHYLPROPENEISOMER B	5.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	PENTADECANOIC ACID A	1.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs	SUBST. CYCLOHEXANE A	2.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	TETRACHLORONAPHTHALENE A	7.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs	TETRACHLORONAPHTHALENE A	1.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	TETRACHLORONAPHTHALENE B	1.00E+01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs	TETRACHLORONAPHTHALENE B	1.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs	TETRACHLORONAPHTHALENE C	2.00E+01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs TETRACHLORONAPHTHALENE C	8.00E-01	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TETRACHLORONAPHTHALENE D	4.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs TETRACHLORONAPHTHALENE D	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TETRACHLORONAPHTHALENE E	7.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs TETRACHLORONAPHTHALENE E	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TETRACHLORONAPHTHALENE F	1.00E+01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs TETRACHLORONAPHTHALENE F	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TETRACHLORONAPHTHALENE G	1.00E+01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs TETRACHLORONAPHTHALENE G	1.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TRICHLORONAPHTHALENE A	7.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs TRICHLORONAPHTHALENE A	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs TRICHLORONAPHTHALENE A	1.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TRICHLORONAPHTHALENE B	3.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs TRICHLORONAPHTHALENE B	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TRICHLORONAPHTHALENE C	7.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TRICHLORONAPHTHALENE D	4.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs TRICHLORONAPHTHALENE E	4.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN A	8.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN A	7.00E-03	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN A	1.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN A	3.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN A	2.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN B	2.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN B	7.00E-03	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN B	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN B	2.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN C	6.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN C	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN C	2.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN D	2.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN D	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN E	1.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN F	3.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN G	4.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN H	2.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN I	6.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN J	4.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN K	7.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN ACID A	3.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN ACID A	2.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN ACID B	3.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN AROMATIC HYDROCARBON A	3.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN AROMATIC HYDROCARBON A	1.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN AROMATIC HYDROCARBON B	3.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN AROMATIC HYDROCARBON C	5.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN CYCLIC HYDROCARBON A	1.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN CYCLIC HYDROCARBON B	2.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN CYCLIC HYDROCARBON C	1.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN CYCLIC HYDROCARBON D	1.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN CYCLIC HYDROCARBON E	1.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN HYDROCARBON A	7.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN HYDROCARBON A	3.00E+00	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON A	2.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON A	5.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN HYDROCARBON B	8.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN HYDROCARBON B	9.00E-01	J	2.5-4.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON B	1.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN HYDROCARBON C	1.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON C	2.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON C	2.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN HYDROCARBON D	8.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON D	1.00E+02	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON D	3.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN HYDROCARBON E	7.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON E	3.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON E	3.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN HYDROCARBON F	3.00E+00	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON F	2.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON F	6.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN HYDROCARBON G	5.00E-01	J	0.5-2.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON G	3.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON G	5.00E-01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON H	3.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON I	2.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN HYDROCARBON J	2.00E+01	J	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN KETONE A	9.00E+00	JB	0.5-2.5
13	SB-4	EA01-RE-13SB04-00901	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	2.5-4.5
13	SB-4	EA01-RE-13SB04-01705	SVOC TICs UNKNOWN KETONE A	2.00E+01	JB	6.5-8.5
13	SB-4	EA01-RE-13SB04-00501	SVOC TICs UNKNOWN KETONE B	1.00E+01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs ALKYL BENZENE A	1.00E+00	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs ALKYL BENZENE B	3.00E+00	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs CYCLIC HYDROCARBON (C16H32) A	5.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs DIMETHYLPENTENE A	7.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HEXADECANOIC ACID A	6.00E+01	JB	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C11H24) A	2.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C12H26) A	2.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C13H28) A	9.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C13H28) B	6.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C14H30) A	1.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C15H32) A	1.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C16H34) A	9.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C16H34) B	2.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C16H34) C	1.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C17H36) A	3.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C18H38) A	1.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C19H38) A	5.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C19H40) A	8.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs HYDROCARBON (C20H42) A	7.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs METHYLPENTENEONE ISOMER A	1.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs OXYBISBENZENE A	1.00E+00	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs PINENE A	3.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs PROPANOIC ACID ESTER A	2.00E-01	JB	6.5-8.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs SUBST. NAPHTHALENE A	3.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs SUBST. NAPHTHALENE B	2.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN A	1.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN A	9.00E-01	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN A	2.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN A	8.00E-02	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN B	6.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN B	1.00E+00	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN B	2.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN B	2.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN C	4.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN C	5.00E-01	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN C	2.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN C	1.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN D	2.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN D	6.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN ACID A	2.00E+00	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN ACID A	1.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN ACID B	3.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN ACID ESTER A	3.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN ALCOHOL A	9.00E-02	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN CYCLIC HYDROCARBON A	5.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN CYCLIC HYDROCARBON A	6.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN CYCLIC HYDROCARBON B	4.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON A	2.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON A	9.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN HYDROCARBON A	1.00E+00	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN HYDROCARBON A	2.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN HYDROCARBON A	1.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON B	9.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON B	2.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN HYDROCARBON B	6.00E-01	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN HYDROCARBON B	3.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON C	1.00E+01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON C	1.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN HYDROCARBON C	4.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN HYDROCARBON C	1.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON D	1.00E+01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON D	2.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN HYDROCARBON D	4.00E-02	J	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN HYDROCARBON D	2.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON E	1.00E+01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON E	2.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN HYDROCARBON E	1.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON F	1.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON F	8.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN HYDROCARBON F	2.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON G	3.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON G	8.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN HYDROCARBON G	2.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON H	2.00E+00	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN HYDROCARBON H	8.00E-01	J	0.5-2.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN HYDROCARBON H	1.00E-01	J	6.5-8.5
13	SB-5	EA01-RE-13SB05-00501	SVOC TICs UNKNOWN KETONE A	2.00E+02	JB	0.5-2.5
13	SB-5	EA01-RE-13SB05-01301	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	4.5-6.5
13	SB-5	EA01-RE-13SB05-01701	SVOC TICs UNKNOWN KETONE A	5.00E+00	J	6.5-8.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs 1-METHYLNAPHTHALENE A	3.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs AROMATIC HYDROCARBON A	4.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON A	5.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs AROMATIC HYDROCARBON B	3.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON B	6.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs AROMATIC HYDROCARBON C	8.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON C	6.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs AROMATIC HYDROCARBON D	3.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON D	8.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs AROMATIC HYDROCARBON E	3.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON E	1.00E+00	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs AROMATIC HYDROCARBON F	6.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON F	5.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs AROMATIC HYDROCARBON G	5.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON G	4.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs AROMATIC HYDROCARBON H	2.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON H	6.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON I	9.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON J	9.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs AROMATIC HYDROCARBON K	8.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs BENZONAPHTHO-FURAN A	4.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs BENZONAPHTHOTHIOPHENE A	5.00E-01	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs DIBENZOTHIOPHENE A	6.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs DIMETHYLNAPHTHALENE A	3.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs DIMETHYLNAPHTHALENE B	2.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs DIMETHYLNAPHTHALENE C	2.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs METHYLDIBENZOFURAN A	2.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs METHYLFLUORENE A	2.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs METHYLNAPHTHALENE A	4.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs SUBST. BENZENE A	1.00E-02	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs SUBST. BENZENE B	4.00E-02	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs SUBST. BENZENE C	1.00E-02	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs TRIMETHYLNAPHTHALENE A	2.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN A	3.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN A	4.00E-02	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN A	5.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN A	1.00E-02	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN A	7.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN B	5.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN B	7.00E-02	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN B	1.00E+00	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN B	2.00E-02	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN B	3.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN C	6.00E-03	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN C	1.00E-02	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN C	2.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN D	1.00E-02	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN D	3.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN E	8.00E-03	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN E	1.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN F	3.00E-02	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN F	1.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN G	5.00E-02	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN G	2.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN H	4.00E-02	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN H	2.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN I	1.00E+00	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN ACID ESTER A	2.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN HYDROCARBON A	4.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN HYDROCARBON A	4.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN HYDROCARBON A	2.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN HYDROCARBON B	2.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN HYDROCARBON B	4.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN HYDROCARBON B	4.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C	2.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN HYDROCARBON C	8.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN HYDROCARBON C	1.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN HYDROCARBON D	1.00E+00	J	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN HYDROCARBON D	4.00E-01	J	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN HYDROCARBON D	6.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN HYDROCARBON E	4.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN HYDROCARBON F	2.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN HYDROCARBON G	3.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN HYDROCARBON H	8.00E-01	J	4.5-6.5
13	SB-6	EA01-RE-13SB06-00501	SVOC TICs UNKNOWN KETONE A	8.00E+00	JB	0.5-2.5
13	SB-6	EA01-RE-13SB06-00901	SVOC TICs UNKNOWN KETONE A	7.00E+00	JB	2.5-4.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN KETONE A	9.00E+00	JB	4.5-6.5
13	SB-6	EA01-RE-13SB06-01301	SVOC TICs UNKNOWN PHTHALATE A	1.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs 1-METHYLNAPHTHALENE A	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs CYCLIC HYDROCARBON A	3.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs CYCLIC HYDROCARBON B	1.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs DICHLORONAPHTHALENE A	7.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs DIMETHYL-ETHYL-BENZENE A	9.00E-03	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs DIMETHYLNAPHTHALENE A	5.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs DIMETHYLNAPHTHALENE A	5.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs DIMETHYLNAPHTHALENE A	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs DIMETHYLNAPHTHALENE B	6.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs DIMETHYLNAPHTHALENE B	6.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs DIMETHYLNAPHTHALENE B	6.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs DIMETHYLNAPHTHALENE C	5.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs ESTER C28H56O2 A	9.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs HEXADECANOIC ACID A	4.00E+00	JN	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs HEXADECANOIC ACID A	3.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs HEXADECANOIC ACID A	5.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs HYDROCARBON (C13H28) A	5.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs HYDROCARBON (C14H30) A	9.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs HYDROCARBON (C15H32) A	2.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs HYDROCARBON (C15H32) A	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs HYDROCARBON (C16H34) A	1.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs HYDROCARBON (C17H36) A	3.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs HYDROCARBON (C18H38) A	1.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs HYDROCARBON (C19H40) A	1.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs HYDROCARBON (C20H42) A	2.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs METHYLNAPHTHALENE A	4.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs METHYLNAPHTHALENE A	6.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs METHYLNAPHTHALENE A	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs SUBST. BENZENE A	9.00E-03	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs SUBST. BENZENE + HC A	2.00E-02	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs SUBST. NAPHTHALENE A	9.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs SUBST. NAPHTHALENE A	2.00E-02	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	Pesticides TETRADECANOIC ACID A	1.00E+00	JN	0.5-2.5
13	SB-7	EA01-RE-13SB07-00902	Pesticides TETRADECANOIC ACID A	7.00E-01	JN	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs TRICHLORONAPHTHALENE A	7.00E-01	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs TRICHLORONAPHTHALENE A	9.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs TRICHLORONAPHTHALENE B	1.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs TRIMETHYLBENZENE A	9.00E-03	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs TRIMETHYLBENZENE B	1.00E-02	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs TRIMETHYLNAPHTHALENE A	6.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs TRIMETHYLNAPHTHALENE A	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN A	4.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN A	8.00E-03	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN A	9.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN A	3.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN A	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN A	5.00E-03	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN A	1.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN A	2.00E-02	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN B	1.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN B	8.00E-03	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN B	3.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN B	1.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN B	5.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN B	5.00E-03	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN B	2.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN B	1.00E-02	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN C	1.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN C	9.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN C	5.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN C	9.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN C	5.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN D	4.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN D	8.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN D	5.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN E	5.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN E	5.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN E	2.00E+00	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN F	6.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN F	6.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN F	3.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN ACID A	1.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN ACID A	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN ACID A	6.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN ACID B	2.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN ACID B	1.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN ACID B	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN ACID C	2.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN ACID C	1.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN ACID ESTER A	2.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN ACID ESTER A	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN ALCOHOL A	1.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN CYCLIC HYDROCARBON A	5.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON A	9.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON A	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON A	2.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN HYDROCARBON A	6.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON A	2.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON A	1.00E-02	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON B	1.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON B	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON B	8.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN HYDROCARBON B	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON B	1.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON B	1.00E-02	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON C	8.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON C	6.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON C	6.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN HYDROCARBON C	6.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON C	3.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON D	2.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON D	6.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON D	5.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN HYDROCARBON D	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON D	5.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON E	3.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON E	9.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON E	7.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN HYDROCARBON E	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON E	4.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON F	1.00E+00	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON F	6.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON F	8.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN HYDROCARBON F	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON F	4.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON G	4.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON G	4.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON G	6.00E-02	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN HYDROCARBON G	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON G	7.00E-01	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON H	5.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON H	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN HYDROCARBON H	4.00E-01	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN HYDROCARBON H	4.00E+00	J	4.5-6.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN HYDROCARBON I	8.00E-01	J	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON I	2.00E+00	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN HYDROCARBON J	2.00E+00	J	2.5-4.5
13	SB-7	EA01-RE-13SB07-00501	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
13	SB-7	EA01-RE-13SB07-00901	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	2.5-4.5
13	SB-7	EA01-RE-13SB07-00902	SVOC TICs UNKNOWN KETONE A	6.00E+00	JB	2.5-4.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN KETONE A	9.00E+00	JB	4.5-6.5
13	SB-7	EA01-RE-13SB07-01301	SVOC TICs UNKNOWN PHTHALATE A	1.00E-01	J	4.5-6.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs 1-METHYLNAPHTHALENE A	4.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs ANTHRACENEDIONE A	2.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON & UNKNOWN A	5.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs AROMATIC HYDROCARBON & UNKNOWN A	4.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs AROMATIC HYDROCARBON C12H12 A	3.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs AROMATIC HYDROCARBON C12H12 B	3.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs AROMATIC HYDROCARBON C12H12 C	6.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs AROMATIC HYDROCARBON C12H12 D	2.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs AROMATIC HYDROCARBON C13H14 A	3.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs AROMATIC HYDROCARBON C13H14 A	3.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C15H10 A	8.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C15H12 A	7.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C15H12 B	7.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C15H12 C	1.00E+00	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C15H12 D	6.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C16H12 A	9.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C17H12 A	7.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C17H12 B	2.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C17H12 C	4.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C17H12 D	4.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C17H12 E	2.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C18H10 A	7.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C18H12 A	2.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C18H12 B	6.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C20H12 A	3.00E+01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C20H12 B	7.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs AROMATIC HYDROCARBON C20H12 C	4.00E+01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs BENZO NAPHTHO FURAN A	1.00E+00	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs BENZO NAPHTHO THIOPHENE A	2.00E+00	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs DODECANE A	2.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs HEXACHLOROBIPHENYL & UNKNOWN A	3.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs HEXACHLOROBIPHENYL & UNKNOWN B	3.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs HEXACHLOROBIPHENYL & UNKNOWN C	6.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs HEXADECANOIC ACID A	4.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs HEXADECANOIC ACID A	5.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs HYDROCARBON (C12H26) A	2.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs HYDROCARBON (C13H28) A	3.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs HYDROCARBON (C13H28) A	4.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs HYDROCARBON (C14H30) A	3.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs HYDROCARBON (C15H32) A	3.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs HYDROCARBON (C16H34) A	5.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs HYDROCARBON (C16H34) A	3.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs HYDROCARBON (C19H40) A	4.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs HYDROCARBON (C19H40) A	4.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs HYDROCARBON (C19H40) B	1.00E+00	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs PENTACHLOROBIPHENYL A	3.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs PHENYL METHANONE A	3.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs PROPANOIC ACID ESTER A	2.00E-01	JB	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs TRIETHYLPHOSPHORIC ACID A	2.00E+00	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs UNKNOWN A	7.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs UNKNOWN A	5.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN A	2.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN A	2.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs UNKNOWN B	6.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs UNKNOWN B	4.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN B	2.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs UNKNOWN C	5.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs UNKNOWN C	4.00E-01	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN C	2.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs UNKNOWN D	5.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN D	1.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN E	3.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs UNKNOWN HYDROCARBON A	5.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs UNKNOWN HYDROCARBON A	1.00E+00	J	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON A	2.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON A	3.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs UNKNOWN HYDROCARBON B	3.00E-01	J	0.5-2.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON B	3.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON C	5.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON C	3.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON D	6.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON D	2.00E-02	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON E	1.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN HYDROCARBON F	7.00E-01	J	8.5-10.5
13	SB-8	EA01-RE-13SB08-00501	SVOC TICs UNKNOWN KETONE A	8.00E+00	JB	0.5-2.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	2.5-4.5
13	SB-8	EA01-RE-13SB08-02101	SVOC TICs UNKNOWN KETONE A	7.00E+00	JB	8.5-10.5
13	SB-8	EA01-RE-13SB08-00901	SVOC TICs UNKNOWN KETONE B	8.00E+00	JB	2.5-4.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs 1-METHYLNAPHTHALENE A	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON & UNKNOWN A	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 A	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 B	9.00E-01	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 C	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 D	1.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C13H14 A	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C13H14 B	9.00E-01	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C14H12 A	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C14H12 B	9.00E-01	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C15H10 A	3.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C15H12 A	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C15H12 B	3.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C15H16 A	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C16H14 A	3.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C17H12 A	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C17H12 B	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs AROMATIC HYDROCARBON C17H12 C	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs HYDROCARBON (C15H32) A	4.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs HYDROCARBON (C15H32) A	2.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs HYDROCARBON (C16H34) A	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs METHYL-NAPHTHALENE A	6.00E-02	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs TETRACHLOROETHANE A	7.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN A	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN A	2.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN A	5.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN B	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN B	3.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN B	4.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN C	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN C	2.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN C	6.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN D	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN D	2.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN D	9.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN E	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN E	3.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN E	4.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN F	5.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN F	1.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN G	3.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN G	1.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN H	2.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN I	2.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN J	5.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN K	3.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN C13H100 A	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN C13H100 B	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN HYDROCARBON A	2.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN HYDROCARBON A	1.00E-02	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON A	2.00E+00	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN HYDROCARBON A	7.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN HYDROCARBON B	1.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON B	3.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN HYDROCARBON B	6.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN HYDROCARBON C	3.00E+00	J	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON C	5.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN HYDROCARBON C	2.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON D	1.00E+00	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN HYDROCARBON D	4.00E-01	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON E	2.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN HYDROCARBON E	2.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON F	5.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN HYDROCARBON F	1.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON G	3.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN HYDROCARBON G	3.00E+00	J	8.5-10.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON H	1.00E+00	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON I	5.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN HYDROCARBON J	3.00E-01	J	6.5-8.5
13	SB-9	EA01-RE-13SB09-00501	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
13	SB-9	EA01-RE-13SB09-01701	SVOC TICs UNKNOWN KETONE A	4.00E+00	JB	6.5-8.5
13	SB-9	EA01-RE-13SB09-02101	SVOC TICs UNKNOWN KETONE A	8.00E+00	J	8.5-10.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 A	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 B	3.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 C	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 D	3.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs DIMETHYLPHENANTHRENE C16H14 A	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs METHYLFLUORENE A	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs METHYLFLUORENE B	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs TRIMETHYLNAPHTHALENE C13H14 A	3.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN A	3.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN A	8.00E-03	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN B	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN C	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN D	4.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN E	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN F	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN G	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN H	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN I	1.00E+01	JB	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN C11H10 A	3.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN HYDROCARBON A	3.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN HYDROCARBON C	1.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN HYDROCARBON C15H12 A	2.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN HYDROCARBON C15H12 B	1.00E-01	J	0.5-2.5
14	SB-2	EA01-RE-14SB02-00501	SVOC TICs UNKNOWN HYDROCARBON C16H12 A	2.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
14	SB-4	EA02-EP-14SB04-00501	Pesticides SULFUR A	3.30E+00	NJ	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN A	5.10E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-01301	SVOC TICs UNKNOWN A	1.20E+00	J	4.5-6.5
14	SB-4	EA02-EP-14SB04-00501	Pesticides UNKNOWN B	9.90E+01	NJ	0.5-2.5
14	SB-4	EA02-EP-14SB04-01301	Pesticides UNKNOWN B	1.30E+02	NJ	4.5-6.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN C	3.50E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-01301	SVOC TICs UNKNOWN C	3.30E-01	J	4.5-6.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN D	2.10E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-01301	SVOC TICs UNKNOWN D	1.20E-01	J	4.5-6.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN E	3.50E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN F	3.00E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN G	1.30E+00	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN H	1.80E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN I	1.80E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN J	1.70E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN K	1.10E+00	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN L	4.10E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN M	2.40E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN N	6.20E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN O	1.80E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN P	2.30E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN Q	2.00E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN R	5.00E-01	J	0.5-2.5
14	SB-4	EA02-EP-14SB04-00501	SVOC TICs UNKNOWN S	7.20E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	Pesticides SULFUR A	6.40E+00	NJ	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	Pesticides SULFUR, MOL. (S8) A	8.70E-01	NJ	0.5-2.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN A	4.60E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN A	8.30E-01	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN B	8.40E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN B	1.40E+00	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	Pesticides UNKNOWN C	1.40E+02	NJ	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	Pesticides UNKNOWN C	1.60E+02	NJ	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN D	3.10E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN D	3.80E-01	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN E	5.30E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN E	1.10E-01	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN F	4.90E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN F	9.30E-02	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN G	3.90E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN G	1.70E-01	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN H	3.50E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN H	1.30E-01	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN I	4.00E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN I	1.30E+00	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN J	5.10E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN J	3.60E-01	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN K	2.10E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN K	1.00E-01	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN L	2.10E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN L	7.10E-01	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN M	2.70E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN M	8.80E-02	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN N	2.30E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-01301	SVOC TICs UNKNOWN N	8.20E-02	J	4.5-6.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN O	5.40E-01	J	0.5-2.5
14	SB-5	EA02-EP-14SB05-00501	SVOC TICs UNKNOWN P	6.40E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	Pesticides SULFUR A	4.10E+00	NJ	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	Pesticides SULFUR, MOL. (S8) A	8.90E-02	NJ	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN A	1.30E+00	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	SVOC TICs UNKNOWN A	4.80E-01	J	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	Pesticides UNKNOWN B	1.50E+02	NJ	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	SVOC TICs UNKNOWN B	8.60E-01	J	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN C	6.40E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	Pesticides UNKNOWN C	9.20E+01	NJ	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN D	3.40E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	SVOC TICs UNKNOWN D	9.30E-02	J	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN E	7.40E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	SVOC TICs UNKNOWN E	2.00E-01	J	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN F	2.30E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	SVOC TICs UNKNOWN F	1.50E-01	J	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN G	4.40E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	SVOC TICs UNKNOWN G	1.40E-01	J	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN H	3.70E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	SVOC TICs UNKNOWN H	1.10E-01	J	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN I	7.70E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-01301	SVOC TICs UNKNOWN I	8.00E-01	J	4.5-6.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN J	2.60E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN K	2.40E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN L	8.60E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN M	4.60E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN N	6.60E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN O	3.20E-01	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN P	1.30E+00	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN Q	1.70E+00	J	0.5-2.5
14	SB-6	EA02-EP-14SB06-00501	SVOC TICs UNKNOWN R	1.50E+00	J	0.5-2.5
14	SB-7	EA02-EP-14SB07-01301	SVOC TICs UNKNOWN A	3.00E-01	J	4.5-6.5
14	SB-7	EA02-EP-14SB07-01301	SVOC TICs UNKNOWN B	8.00E-01	J	4.5-6.5
14	SB-7	EA02-EP-14SB07-01301	Pesticides UNKNOWN C	1.30E+02	NJ	4.5-6.5
14	SB-7	EA02-EP-14SB07-01301	SVOC TICs UNKNOWN D	2.30E-01	J	4.5-6.5
14	SB-7	EA02-EP-14SB07-01301	SVOC TICs UNKNOWN E	1.20E-01	J	4.5-6.5
14	SB-7	EA02-EP-14SB07-01301	SVOC TICs UNKNOWN F	9.50E-02	J	4.5-6.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
14	SB-7	EA02-EP-14SB07-01301	SVOC TICs	UNKNOWN G	3.10E-01	J	4.5-6.5
15	SB-1	EA01-RE-15SB01-02901	Pesticides	HEXADECANOIC ACID A	5.00E-01	JN	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	HYDROCARBON (C23H48) A	8.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	Pesticides	OCTADECANOIC ACID A	4.00E-01	JN	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	SUBST. BENZENE A	3.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	SUBST. BENZENE B	1.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	SUBST. BENZENE C	6.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	SUBST. BENZENE D	6.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	SUBST. BENZENE E	1.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	SUBST. CYCLOHEXANE A	2.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	SUBST. CYCLOHEXANE B	2.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN A	5.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN A	2.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN B	1.00E+00	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN B	1.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN C	4.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN C	2.00E-02	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN D	4.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN E	3.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN F	7.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN G	3.00E+00	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN H	7.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN ACID A	9.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN AMINE A	1.00E+00	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E+00	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E+00	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E+00	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E+00	J	12.5-14.5
15	SB-1	EA01-RE-15SB01-02901	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	12.5-14.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN A	2.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN B	2.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN ACID ESTER A	1.00E-01	JB	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON C	6.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON D	8.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E+00	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON F	4.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON G	4.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON H	2.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON I	2.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN HYDROCARBON J	6.00E-01	J	8.5-10.5
15	SB-10	EA01-RE-15SB10-02101	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	8.5-10.5
15	SB-11	EA01-RE-15SB11-01701	SVOC TICs	UNKNOWN ACID ESTER A	1.00E-01	JB	6.5-8.5
15	SB-11	EA01-RE-15SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON A	7.00E-03	J	6.5-8.5
15	SB-11	EA01-RE-15SB11-01701	SVOC TICs	UNKNOWN KETONE A	6.00E+00	JB	6.5-8.5
15	SB-11	EA01-RE-15SB11-01701	SVOC TICs	UNKNOWN KETONE B	1.00E-01	JB	6.5-8.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON A	5.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON B	8.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON C	5.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON D	6.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON E	3.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON F	7.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON G	6.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON H	3.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON I	5.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON J	5.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON K	8.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON L	5.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	AROMATIC HYDROCARBON M	1.00E+01	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	DIBENZOTHIOPHENE A	6.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	DIMETHYLNAPHTHALENE A	3.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	METHYLDIBENZOFURAN A	8.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	METHYLLFUORENE A	1.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	METHYLNAPHTHALENE A	5.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN A	2.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN B	1.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-02	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN HYDROCARBON B	9.00E-01	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN HYDROCARBON B	7.00E-03	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E+00	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN HYDROCARBON E	9.00E-01	J	8.5-10.5
15	SB-12	EA01-RE-15SB12-02101	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	8.5-10.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	BENZIDINE A	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	DIHYDROACENAPHTHYLENE ISOMER A	3.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	DIMETHYLNAPHTHALENE A	1.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	DIMETHYLPHENANTHRENE A	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	METHYL9HFLUORENE ISOMER A	5.00E-01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	METHYLNAPHTHALENE A	7.00E-01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	METHYLNAPHTHALENE B	1.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	METHYLNAPHTHALENE C	5.00E-01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	METHYLNAPHTHALENE D	5.00E-01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	METHYLPYRENE A	1.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	METHYLPYRENE B	7.00E-01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	PHENYL NAPHTHALENE ISOMER A	9.00E-01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN A	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN A	1.00E-02	J	6.5-8.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN B	4.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON (C18)	4.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E-01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN KETONE A	3.00E+01	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH A	4.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH B	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH C	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH D	1.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH E	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH F	3.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH G	4.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH H	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH I	3.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH J	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH K	2.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH L	3.00E+00	J	6.5-8.5
15	SB-13	EA01-RE-15SB13-01701	SVOC TICs	UNKNOWN PAH M	4.00E+00	J	6.5-8.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	SUBST. BENZENEDICARBOXYLIC ACID A	3.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN A	3.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN B	6.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN C	3.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN D	5.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN E	5.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN F	6.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN G	7.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN H	1.00E+00	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN I	7.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN J	1.00E+00	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN K	5.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN L	2.00E+00	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN M	5.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN N	4.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON A	8.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON B	9.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON D	8.00E-01	J	4.5-6.5
15	SB-14	EA01-RE-15SB14-01301	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	HEPTANONE A	1.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	PINENE A	4.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	SUBST. BENZENE A	2.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN A	2.00E+00	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN A	4.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN B	5.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN B	2.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN C	4.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN C	1.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN D	2.00E+00	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN D	2.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN E	6.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN E	9.00E-03	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN F	5.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN F	1.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN G	4.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN G	2.00E-02	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN H	4.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN I	3.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN J	2.00E+00	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN K	2.00E+00	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN HYDROCARBON B	8.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN HYDROCARBON C	8.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN HYDROCARBON E	7.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN HYDROCARBON F	3.00E-01	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN HYDROCARBON G	4.00E+00	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN HYDROCARBON H	2.00E+00	J	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	4.5-6.5
15	SB-15	EA01-RE-15SB15-01301	SVOC TICs	UNKNOWN KETONE A	3.00E-02	J	4.5-6.5
15	SB-16	EA02-EP-15SB16-00901	VOC TICs	1,2,4-TRICHLOROBENZENE A	3.80E-01		2.5-4.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	1,3,5-TRIMETHYLBENZENE A	1.80E-02		8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	1H-CYCLOPROPA[B]NAPHTHALENE, 1 A	5.20E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	1H-INDENE, 1,1-DIMETHYL- A	1.70E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	1H-INDENE, 1,1-DIMETHYL- B	2.00E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	1H-INDENE, 1,1-DIMETHYL- C	4.00E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	1H-INDENE, 1-METHYL- A	1.50E-01	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	1H-INDENE, 1-METHYL- B	1.90E-01	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	1H-INDENE, 2,3-DIHYDRO-1,2-DIM A	3.10E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	2,3-DIHYDRO-1-METHYLINDENE A	1.50E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	3-BUTEN-2-ONE, 4-PHENYL- A	1.90E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	5,8-DIHYDRONAPHTHOL A	2.00E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZENE, (2-METHYL-1-PROPENYL) A	2.50E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZENE, 1,2,3,4-TETRAMETHYL- A	3.80E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZENE, 1,2,3-TRIMETHYL- A	3.80E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZENE, 1,3-DIMETHYL-5-(1-MET A	1.40E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZENE, 1-ETHENYL-2-METHYL- A	4.00E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZENE, 1-ETHYL-3-METHYL- A	2.80E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZENE, 1-ETHYL-4-METHYL- A	2.00E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZENEACETALDEHYDE, .ALPHA.-E A	2.70E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZO[C]THIOPHENE A	6.00E-02	NJ	8.5-10.5
15	SB-16	EA02-EP-15SB16-02101	VOC TICs	BENZOFURAN, 2-METHYL- A	2.10E-02	NJ	8.5-10.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample	Result	Data	Depth
SWMU Location	mg/kg	Qualifier	(ft bgs)
Sample Number	Datagroup	Analyte	
15 SB-16 EA02-EP-15SB16-02101	VOC TICs	BENZOFURAN, 7-METHYL- A	3.10E-02 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-02101	VOC TICs	BENZOFURAN, 7-METHYL- B	7.40E-02 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-02101	Pesticides	BIPHENYL A	5.20E-02 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	BUTANE, 2-METHYL- A	6.30E-03 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	CYCLOBUTANE, ETHYL- A	7.60E-03 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	CYCLOHEXANE, 1,1,3-TRIMETHYL- A	7.60E-03 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	CYCLOHEXANONE, 2,3-DIMETHYL- A	8.00E-03 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	CYCLOPENTANE, 1,2-DIMETHYL-, T A	6.10E-03 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	CYCLOPENTANE, PROPYL- A	7.30E-03 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	Pesticides	INDENE A	3.00E-01 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	NAPHTHALENE A	6.80E-01 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	VOC TICs	NAPHTHALENE A	8.70E-01 8.5-10.5
15 SB-16 EA02-EP-15SB16-02101	VOC TICs	NAPHTHALENE, 1,2-DIHYDRO-6-MET A	5.40E-02 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-02101	VOC TICs	NAPHTHALENE, 1-METHYL- A	3.90E-01 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	NAPHTHALENE, 2-METHYL- A	1.20E-02 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	VOC TICs	NAPHTHALENE, 2-METHYL- A	4.80E-01 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	NAPHTHALENE, 2-METHYL- B	8.50E-03 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-00901	Pesticides	SULFUR A	7.60E-01 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	Pesticides	SULFUR, MOL. (S8) A	1.30E+01 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	UNDECANE A	6.40E-03 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN A	1.90E+00 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	Pesticides	UNKNOWN A	4.00E+02 NJ 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	Pesticides	UNKNOWN B	2.20E+02 NJ 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN B	3.30E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN C	7.50E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN C	3.90E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN D	6.10E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN D	4.00E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN E	6.40E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN E	5.10E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN F	6.20E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN F	5.90E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN G	6.40E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN G	5.80E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN H	1.40E+00 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN H	8.60E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN I	7.10E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN I	4.50E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN J	4.60E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN J	5.60E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN K	6.00E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN K	9.50E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN L	4.20E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN L	6.90E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN M	4.60E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN M	2.20E+01 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN N	3.80E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN N	6.10E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN O	5.60E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN O	5.80E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN P	4.00E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN P	5.30E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN Q	1.10E+00 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN Q	2.50E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN R	9.60E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN R	6.50E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN S	7.60E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN S	4.50E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN T	7.80E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN T	2.70E+00 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN U	7.30E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN U	2.90E-02 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	SVOC TICs	UNKNOWN V	9.70E-01 J 2.5-4.5
15 SB-16 EA02-EP-15SB16-02101	SVOC TICs	UNKNOWN V	1.40E-02 J 8.5-10.5
15 SB-16 EA02-EP-15SB16-00901	VOC TICs	UNKNOWN W	5.70E-02 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	Pesticides	ACENAPHTHENE A	1.40E-02 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-00901	Pesticides	ACENAPHTHYLENE A	1.10E-01 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-00901	Pesticides	DIBENZOFURAN A	2.10E-02 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-00901	VOC TICs	NAPHTHALENE A	1.50E-02 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	VOC TICs	NAPHTHALENE A	8.60E-03 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	VOC TICs	NAPHTHALENE, 1,3-DIMETHYL- A	3.00E-02 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-00901	VOC TICs	NAPHTHALENE, 1,7-DIMETHYL- A	2.70E-02 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-00901	VOC TICs	NAPHTHALENE, 1-METHYL- A	1.30E-02 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-00901	VOC TICs	NAPHTHALENE, 2,3-DIMETHYL- A	3.50E-02 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-00901	VOC TICs	NAPHTHALENE, 2-METHYL- A	1.30E-02 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	Pesticides	SULFUR A	1.40E+00 NJ 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN A	1.90E+00 J 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN A	3.00E+00 J 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	Pesticides	UNKNOWN B	3.10E+02 NJ 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	Pesticides	UNKNOWN B	1.10E+02 NJ 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN C	2.00E+00 J 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN C	1.70E-01 J 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN D	7.80E-01 J 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN D	8.20E-02 J 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN E	5.20E-01 J 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN E	7.90E-01 J 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN F	1.60E+00 J 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN F	2.80E-01 J 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN G	8.30E-01 J 2.5-4.5
15 SB-17 EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN G	1.10E-01 J 8.5-10.5
15 SB-17 EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN H	7.10E-01 J 2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
15	SB-17	EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN H	1.80E-01	J	8.5-10.5
15	SB-17	EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN I	4.10E-01	J	2.5-4.5
15	SB-17	EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN I	4.90E-01	J	8.5-10.5
15	SB-17	EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN J	4.40E-01	J	2.5-4.5
15	SB-17	EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN J	1.00E-01	J	8.5-10.5
15	SB-17	EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN K	3.90E-01	J	2.5-4.5
15	SB-17	EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN K	1.50E-01	J	8.5-10.5
15	SB-17	EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN L	3.30E-01	J	2.5-4.5
15	SB-17	EA02-EP-15SB17-02105	SVOC TICs	UNKNOWN L	1.60E-01	J	8.5-10.5
15	SB-17	EA02-EP-15SB17-00901	SVOC TICs	UNKNOWN M	2.50E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	VOC TICs	BENZOCYCLOHEPTATRIENE A	2.20E-02		2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	Pesticides	DIBENZOTHIOPHENE A	4.00E-01	NJ	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	VOC TICs	NAPHTHALENE A	4.50E-01		2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	VOC TICs	NAPHTHALENE, 2-METHYL- A	1.40E-02		2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	Pesticides	SULFUR, MOL. (S8) A	5.00E-01	NJ	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	Pesticides	SULFUR, MOL. (S8) A	3.50E+00	NJ	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	Pesticides	SULFUR, MOL. (S8) B	4.80E+00	NJ	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN A	1.90E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN A	2.10E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-02101	SVOC TICs	UNKNOWN A	2.90E+00	J	8.5-10.5
15	SB-18	EA02-EP-15SB18-00901	Pesticides	UNKNOWN B	2.20E+02	NJ	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	Pesticides	UNKNOWN B	3.40E+02	NJ	2.5-4.5
15	SB-18	EA02-EP-15SB18-02101	Pesticides	UNKNOWN B	1.00E+02	NJ	8.5-10.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN C	4.30E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN C	8.00E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-02101	SVOC TICs	UNKNOWN C	1.30E-01	J	8.5-10.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN D	3.60E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN D	6.30E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-02101	SVOC TICs	UNKNOWN D	7.80E-01	J	8.5-10.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN E	4.00E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN E	9.90E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-02101	SVOC TICs	UNKNOWN E	2.40E-01	J	8.5-10.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN F	3.70E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN F	1.30E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-02101	SVOC TICs	UNKNOWN F	9.90E-02	J	8.5-10.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN G	3.30E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN G	6.40E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-02101	SVOC TICs	UNKNOWN G	2.00E-01	J	8.5-10.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN H	4.70E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN H	1.20E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN I	5.10E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN I	2.40E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN J	3.20E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN J	1.80E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN K	4.40E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN K	1.70E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN L	3.60E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN L	1.70E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN M	9.30E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN M	4.30E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN N	2.80E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN N	2.80E+00	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN O	3.00E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00902	SVOC TICs	UNKNOWN O	9.50E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN P	6.00E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN Q	2.40E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN R	2.50E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN S	3.70E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN T	1.80E-01	J	2.5-4.5
15	SB-18	EA02-EP-15SB18-00901	SVOC TICs	UNKNOWN U	4.00E-01	J	2.5-4.5
15	SB-19	EA02-EP-15SB19-02401	Pesticides	SULFUR, MOL. (S8) A	3.50E+01	NJ	10-12
15	SB-19	EA02-EP-15SB19-02401	SVOC TICs	UNKNOWN A	2.00E+00	J	10-12
15	SB-19	EA02-EP-15SB19-02401	SVOC TICs	UNKNOWN B	1.20E-01	J	10-12
15	SB-19	EA02-EP-15SB19-02401	SVOC TICs	UNKNOWN C	7.80E-01	J	10-12
15	SB-19	EA02-EP-15SB19-02401	Pesticides	UNKNOWN D	6.80E+01	NJ	10-12
15	SB-19	EA02-EP-15SB19-02401	SVOC TICs	UNKNOWN E	2.20E-01	J	10-12
15	SB-19	EA02-EP-15SB19-02401	SVOC TICs	UNKNOWN F	1.00E-01	J	10-12
15	SB-19	EA02-EP-15SB19-02401	SVOC TICs	UNKNOWN G	1.10E-01	J	10-12
15	SB-19	EA02-EP-15SB19-02401	SVOC TICs	UNKNOWN H	1.20E+00	J	10-12
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	HYDROCARBON (C17H36) A	3.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN A	1.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN B	3.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN C	1.00E+00	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN D	2.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN E	3.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN F	1.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN ESTER A	2.00E-01	JB	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON D	3.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON F	5.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON G	6.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON I	1.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON J	2.00E-01	J	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	8.5-10.5
15	SB-2	EA01-RE-15SB02-02101	SVOC TICs	UNKNOWN PHTHALATE A	1.00E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	Pesticides	9,10-ANTHRACENEDIONE A	3.40E+00	NJ	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	VOC TICs	NAPHTHALENE, 2-METHYL- A	7.50E-03		8.5-10.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
15	SB-20	EA02-EP-15SB20-00901	Pesticides	UNKNOWN A	1.10E+02	NJ	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN A	1.50E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN B	1.60E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN B	6.50E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN C	1.60E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN C	2.10E+00	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN D	2.00E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN D	3.90E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN E	1.20E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN E	2.90E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN F	1.40E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN F	9.90E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN G	1.40E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	Pesticides	UNKNOWN G	9.40E+01	NJ	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN H	1.30E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN H	2.80E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN I	2.70E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN I	1.50E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN J	1.40E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN J	5.90E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN K	4.40E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN K	9.90E-02	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN L	2.80E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN L	9.30E-02	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN M	3.60E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN M	1.10E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN N	2.10E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN N	1.30E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN O	5.10E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN O	2.00E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN P	3.80E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-02101	SVOC TICs	UNKNOWN P	3.80E-01	J	8.5-10.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN Q	2.20E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN R	6.70E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN S	2.20E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN T	2.90E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN U	2.10E+00	J	2.5-4.5
15	SB-20	EA02-EP-15SB20-00901	SVOC TICs	UNKNOWN V	2.60E+00	J	2.5-4.5
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN A	1.70E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN B	2.20E+00	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN C	1.70E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN D	1.20E+00	J	10-12
15	SB-21	EA02-EP-15SB21-02401	Pesticides	UNKNOWN E	9.90E+01	NJ	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN F	3.20E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN G	2.20E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN H	1.10E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN I	1.80E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN J	1.50E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN K	1.50E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN L	2.10E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN M	1.10E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN N	6.00E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN O	1.40E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN P	4.90E-01	J	10-12
15	SB-21	EA02-EP-15SB21-02401	SVOC TICs	UNKNOWN Q	7.00E-01	J	10-12
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	ACETALDEHYDE A	2.00E-03	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	DIMETHYLNAPHTHALENE A	8.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	DIMETHYLNAPHTHALENE B	5.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	DIMETHYLNAPHTHALENE C	8.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	DIMETHYLNAPHTHALENE D	5.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	DIMETHYLNAPHTHALENE E	8.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	DIMETHYLPHENANTHRENE A	7.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	ETHYLANTHRACENE A	8.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	HYDROCARBON + UNKNOWN A	4.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYL BENZOFURAN A	4.00E-03	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYL BENZOFURAN B	2.00E-03	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLANTHRACENE ISOMER A	5.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLDIBENZOFURAN A	4.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLDIBENZOFURAN B	5.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLFLUORENE A	6.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLFLUORENE B	6.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLNAPHTHALENE A	2.00E+00	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLPHENANTHRENE A	6.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLPHENANTHRENE B	4.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	METHYLPHENANTHRENE A	6.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	PROPYL-PHENOL ISOMER A	8.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	SUBST. BENZENE A	1.00E-03	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	SUBST. BENZENE B	4.00E-03	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	SUBST. BENZENE C	2.00E-03	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	TRIMETHYLNAPHTHALENE A	5.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN A	5.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN B	4.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN C	3.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN D	4.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	1.00E-03	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN HYDROCARBON A	5.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN HYDROCARBON B	6.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN HYDROCARBON E	4.00E-01	J	6.5-8.5
15	SB-3	EA01-RE-15SB03-01701	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	6.5-8.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
15	SB-4	EA01-RE-15SB04-01701	Pesticides	BENZOIC ACID A	9.00E-02	JN	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	KETONE (C6H10O) A	9.00E-02	JB	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN A	1.00E+00	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN B	2.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN C	1.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN D	2.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN E	6.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN F	2.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN ESTER A	1.00E-01	JB	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN HYDROCARBON D	9.00E-02	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN KETONE B	2.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN KETONE C	2.00E-01	J	6.5-8.5
15	SB-4	EA01-RE-15SB04-01701	SVOC TICs	UNKNOWN KETONE D	1.00E-01	J	6.5-8.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	BENZOFLUORENE ISOMER A	3.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	BENZOFLUORENE ISOMER A	3.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	BENZOFLUORENE ISOMER B	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	BENZOFLUORENE ISOMER B	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	BENZOFLUORENE ISOMER C	7.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	BENZOFLUORENE ISOMER D	5.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	BENZONAPHTHOTHIOPHENE A	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	BENZONAPHTHOTHIOPHENE A	5.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	BENZOPHENANTHRENE ISOMER A	5.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	CYCLOPENTA-PHENANTHRENE ISOM A	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	CYCLOPENTA-PHENANTHRENE ISOM A	9.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	DIMETHYLPHENANTHRENE A	4.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	DIMETHYLPYRENE A	4.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	DIMETHYLPHENANTHRENE A	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	KETONE (C6H10O) A	2.00E-01	JB	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	METHYLANTHRACENE ISOMER A	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	METHYLDIBENZOTHIOPHENE A	1.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	METHYLDIBENZOTHIOPHENE A	3.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	METHYLPHENANTHRENE ISOMER A	3.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	METHYLPYRENE A	9.00E-02	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	METHYLPYRENE A	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	METHYLPYRENE B	1.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	METHYLPYRENE B	6.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN A	3.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	UNKNOWN A	7.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	UNKNOWN B	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN ESTER A	2.00E-01	JB	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	UNKNOWN HYDROCARBON B	6.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN HYDROCARBON D	3.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN HYDROCARBON E	3.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN HYDROCARBON G	4.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN HYDROCARBON H	2.00E-01	J	8.5-10.5
15	SB-5	EA01-RE-15SB05-02101	SVOC TICs	UNKNOWN KETONE A	6.00E+00	JB	8.5-10.5
15	SB-5	EA01-RE-15SB05-02102	SVOC TICs	UNKNOWN KETONE A	5.00E+00	JB	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	BENZOFLUORENE ISOMER A	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	BENZONAPHTHO-FURAN A	3.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	BUTYL-AZULENE ISOMER A	8.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	DICHLORO BENZENE A	5.00E-02	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	DICHLORO BENZENE B	1.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	DIMETHYLNAPHTHALENE A	9.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	DIMETHYLNAPHTHALENE B	4.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	DIMETHYLNAPHTHALENE C	6.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	DIMETHYLNAPHTHALENE D	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	DIMETHYLPHENANTHRENE A	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	DIMETHYLPHENANTHRENE B	6.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	ETHYLANTHRACENE A	2.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	METHYLANTHRACENE ISOMER A	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	METHYLANTHRACENE ISOMER B	6.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	METHYLANTHRACENE ISOMER C	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	METHYLDIBENZOFURAN A	4.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	METHYLNAPHTHALENE A	6.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	METHYLPHENANTHRENE A	4.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	PHENYL-INDENE ISOMER A	4.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	TRIMETHYLNAPHTHALENE A	9.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN A	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN B	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN C	6.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN D	8.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN HYDROCARBON A	7.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN HYDROCARBON B	7.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E+00	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN HYDROCARBON F	7.00E-01	J	8.5-10.5
15	SB-6	EA01-RE-15SB06-02101	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	BENZOIC ACID A	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN A	1.00E-01	J	8.5-10.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN A	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN B	2.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN B	9.00E-02	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN C	2.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN C	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN D	2.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN E	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN F	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN G	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN ACID ESTER A	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN ACID ESTER A	1.00E-01	JB	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN ACID ESTER B	2.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN ACID ESTER C	5.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN HYDROCARBON A	9.00E-02	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-01	J	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN KETONE A	6.00E+00	JB	8.5-10.5
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN KETONE A	4.00E+00	JB	8.5-10.5
15	SB-7	EA01-RE-15SB07-02101	SVOC TICs	UNKNOWN KETONE B	9.00E-02	JB	8.5-10.5
15	SB-7	EA01-RE-15SB07-02102	SVOC TICs	UNKNOWN KETONE B	9.00E-02	JB	8.5-10.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	DECANE A	1.00E-01	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	DICHLORONAPHTHALENE A	2.00E+01	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	DIMETHYLNAPHTHALENE A	5.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	HYDROCARBON (C11H24) A	5.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	HYDROCARBON (C12H26) A	9.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	HYDROCARBON (C13H28) A	7.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	HYDROCARBON (C13H28) B	6.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	HYDROCARBON (C14H30) A	7.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	HYDROCARBON (C16H34) A	6.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	HYDROCARBON (C18H38) A	4.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	HYDROCARBON (C20H42) A	6.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	METHYLNAPHTHALENE A	8.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	NONANE A	5.00E-02	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	TRICHLORONAPHTHALENE A	9.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNDECANE A	2.00E-01	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN A	6.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN B	5.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN ALKYL BENZENE A	6.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN ALKYL BENZENE B	5.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON A	5.00E-02	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-02	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON C	6.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-02	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON D	8.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON D	3.00E-02	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON E	8.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON E	8.00E-02	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON F	9.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON F	6.00E-02	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON G	6.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON G	3.00E-02	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E+01	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON I	5.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN HYDROCARBON J	5.00E+00	J	10.5-12.5
15	SB-8	EA01-RE-15SB08-02501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	10.5-12.5
15	SB-9	EA01-RE-15SB09-01701	SVOC TICs	BUTANOIC ACID ESTER A	1.00E-01	JB	6.5-8.5
15	SB-9	EA01-RE-15SB09-01701	SVOC TICs	UNKNOWN A	2.00E-01	J	6.5-8.5
15	SB-9	EA01-RE-15SB09-01701	SVOC TICs	UNKNOWN CYCLIC HYDROCARBON A	1.00E-01	J	6.5-8.5
15	SB-9	EA01-RE-15SB09-01701	SVOC TICs	UNKNOWN KETONE A	9.00E+00	JB	6.5-8.5
16	ETP16-1	EA02-EP-ETP16-1-01301	VOC TICs	UNKNOWN A	1.10E+01	NJ	5-6.5
16	ETP16-1	EA02-EP-ETP16-1-01301	SVOC TICs	UNKNOWN B	1.40E-01	J	5-6.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	DIBENZOTHIOPHENE A	3.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	1.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	1.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE C	1.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE D	1.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	DIMETHYLPHENANTHRENE A	6.00E-01	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	SUBST. PROPANOIC ACID A	2.00E-01	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	TRICHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN A	5.00E-01	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN A	1.00E-02	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN B	3.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN B	1.00E-01	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN C	3.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN CHLORONATED PAH A	5.00E-01	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH A	6.00E-01	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH B	3.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH C	2.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH D	3.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH E	3.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH F	7.00E-01	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH G	1.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH H	1.00E+00	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH I	7.00E-01	J	0.5-2.5
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH J	1.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
16	SB-12	EA01-RE-16SB12-00501	SVOC TICs	UNKNOWN PAH K	6.00E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	VOC TICs	BUTANE, 2-METHYL- A	1.10E-02	NJ	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	VOC TICs	CYCLOHEXANE, 2-BUTYL-1,1,3-TRI A	1.80E-02	NJ	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	VOC TICs	CYCLOPENTANE, METHYL- A	1.10E-02	NJ	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	VOC TICs	NAPHTHALENE, 1-METHYL- A	1.50E-02	NJ	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	VOC TICs	UNDECANE, 2,3-DIMETHYL- A	2.10E-02	NJ	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN A	2.00E+00	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-01301	SVOC TICs	UNKNOWN A	2.40E+00	J	4.5-6.5
16	SB-19	EA02-EP-16SB19-00501	Pesticides	UNKNOWN B	3.20E+02	NJ	0.5-2.5
16	SB-19	EA02-EP-16SB19-01301	Pesticides	UNKNOWN B	8.70E+01	NJ	4.5-6.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN C	1.40E+00	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-01301	SVOC TICs	UNKNOWN C	1.60E-01	J	4.5-6.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN D	9.10E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-01301	SVOC TICs	UNKNOWN D	6.20E-01	J	4.5-6.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN E	8.30E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-01301	SVOC TICs	UNKNOWN E	2.60E-01	J	4.5-6.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN F	2.10E+00	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-01301	SVOC TICs	UNKNOWN F	2.40E-01	J	4.5-6.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN G	1.30E+00	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN H	7.60E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN I	3.50E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN J	4.40E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN K	6.90E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN L	3.80E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN M	3.30E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN N	3.80E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN O	4.90E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN P	5.10E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN Q	3.70E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN R	1.20E+00	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN S	3.70E+00	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN T	9.70E-01	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN U	1.50E-02	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN V	2.00E-02	J	0.5-2.5
16	SB-19	EA02-EP-16SB19-00501	SVOC TICs	UNKNOWN W	3.70E-02	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN A	3.70E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN A	3.50E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN B	1.30E+00	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN B	1.80E+00	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN C	1.70E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN C	1.40E+00	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN D	1.10E+00	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	Pesticides	UNKNOWN D	9.10E+01	NJ	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	Pesticides	UNKNOWN E	1.10E+02	NJ	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN E	4.20E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN F	3.70E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN F	1.20E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN G	1.70E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN G	1.40E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN H	8.80E-02	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN H	2.80E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN I	1.00E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN I	1.30E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN J	1.40E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN J	3.00E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN K	8.70E-02	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN K	1.20E+01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN L	1.30E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN L	2.20E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN M	8.60E-02	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN M	4.10E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN N	1.10E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN N	4.50E+00	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-00501	SVOC TICs	UNKNOWN O	6.50E-01	J	0.5-2.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN O	7.50E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN P	6.00E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN Q	9.80E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN R	2.80E+00	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN S	6.20E-01	J	4.5-6.5
16	SB-20	EA02-EP-16SB20-01301	SVOC TICs	UNKNOWN T	7.50E+00	J	4.5-6.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	1.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	1.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	TRICHLOROTRIFLUOROETHANE A	4.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN A	6.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN B	1.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN C	1.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN D	7.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN E	2.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN F	1.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN G	2.00E+01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN H	1.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN I	8.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN C11H10 A	1.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON A	8.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+00	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON D	7.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON E	9.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON F	9.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON G	7.00E-01	J	0.5-2.5
17	SB-1	EA01-RE-17SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs AROMATIC HYDROCARBON C15H12 A	3.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs DIMETHYLNAPHTHALENE A	8.00E-01	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs DIMETHYLNAPHTHALENE B	1.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs DIMETHYLNAPHTHALENE A	9.00E-01	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs HYDROCARBON (C19H40) A	2.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs PENTANE A	8.00E-03	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN A	3.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN A	9.00E-03	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN B	9.00E-01	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN C	2.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN D	2.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN E	2.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN F	1.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN G	2.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN HYDROCARBON A	5.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN HYDROCARBON B	1.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN HYDROCARBON C	2.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN HYDROCARBON D	1.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN HYDROCARBON E	3.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN HYDROCARBON F	2.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN HYDROCARBON G	1.00E+00	J	0.5-2.5
17	SB-10	EA01-RE-17SB10-00501	SVOC TICs UNKNOWN KETONE A	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs ALKYL BENZENE (C7H5C13) A	6.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs ALKYL BENZENE (C7H5C13) A	2.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs ALKYL BENZENE (C7H5C13) B	2.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs ALKYL BENZENE (C7H5C13) B	7.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs ALKYL BENZENE (C7H5C13) C	6.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs ALKYL BENZENE (C7H5C13) C	4.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs ALKYL BENZENE (C7H5C13) D	6.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs ALKYL BENZENE (C7H6C12) A	6.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs ALKYL BENZENE (C7H6C12) A	3.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs ALKYL BENZENE (C7H6C12) B	8.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs ALKYL BENZENE (C7H6C12) B	3.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs AROMATIC HYDROCARBON C14H10 A	9.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs BENZO(A)PYRENE ISOMER A	3.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs DICHLOROMETHYLBENZENE A	3.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs DICHLOROMETHYLBENZENE A	1.00E+02	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs DICHLOROMETHYLBENZENE B	6.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs DICHLOROMETHYLBENZENE B	5.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs DICHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs HEPTACHLORONAPHTHALENE A	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs HEXACHLORONAPHTHALENE A	6.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs HEXACHLORONAPHTHALENE A	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs HEXACHLORONAPHTHALENE B	7.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs HEXACHLORONAPHTHALENE B	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs HEXACHLORONAPHTHALENE C	7.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs PENTACHLORONAPHTHALENE A	7.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs PENTACHLORONAPHTHALENE A	9.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs PENTACHLORONAPHTHALENE B	5.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs PENTACHLORONAPHTHALENE B	8.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs PENTACHLORONAPHTHALENE C	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs PENTACHLORONAPHTHALENE C	8.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs PENTACHLORONAPHTHALENE D	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs PENTANE A	7.00E-03	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs PENTANE A	7.00E-03	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TETRACHLORONAPHTHALENE A	2.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs TETRACHLORONAPHTHALENE A	2.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TETRACHLORONAPHTHALENE B	2.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs TETRACHLORONAPHTHALENE B	3.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TETRACHLORONAPHTHALENE C	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs TETRACHLORONAPHTHALENE C	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TETRACHLORONAPHTHALENE D	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TRICHLOROMETHYLBENZENE A	3.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs TRICHLOROMETHYLBENZENE A	5.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TRICHLOROMETHYLBENZENE B	5.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs TRICHLOROMETHYLBENZENE B	2.00E+02	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TRICHLOROMETHYLBENZENE C	3.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs TRICHLOROMETHYLBENZENE C	3.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TRICHLOROMETHYLBENZENE D	7.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs TRICHLOROMETHYLBENZENE D	8.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TRICHLORONAPHTHALENE A	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs TRICHLORONAPHTHALENE A	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs TRICHLORONAPHTHALENE(C10H5C13 A	9.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN A	2.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN A	2.00E-02	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs UNKNOWN A	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN B	4.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs UNKNOWN B	6.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN C	2.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs UNKNOWN C	8.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN D	2.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs UNKNOWN D	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN E	2.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs UNKNOWN E	1.00E+01	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN F	7.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN HYDROCARBON A	3.00E+00	J	0.5-2.5
17	SB-11	EA01-RE-17SB11-00501	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
17	SB-11	EA01-RE-17SB11-00502	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs ALKYL BENZENE (C10H14) A	1.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs BENZOPYRENE ISOMER A	4.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs HEPTACHLOROBIPHENYL ISOMER A	4.00E+00	J	2-4

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEPTACHLOROBIPHENYL ISOMER A	2.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEPTACHLOROBIPHENYL ISOMER B	1.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	HEPTACHLORONAPHTHALENE A	1.00E+01	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEPTACHLORONAPHTHALENE A	4.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEXACHLOROBIPHENYL A	1.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	HEXACHLORONAPHTHALENE A	6.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEXACHLORONAPHTHALENE A	4.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HEXACHLORONAPHTHALENE A	7.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	HEXACHLORONAPHTHALENE B	1.00E+01	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEXACHLORONAPHTHALENE B	2.00E+01	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEXACHLORONAPHTHALENE C	4.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEXACHLORONAPHTHALENE D	2.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	HEXACHLORONAPHTHALENE E	7.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C11H24) A	8.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C12H26) A	7.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C13H28) A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C14H30) A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C15H32) A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C16H34) A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C16H34) B	9.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C19H40) A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C20H42) A	8.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (C21H44) A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	HYDROCARBON (H18H38) A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	OCTACHLOROBIPHENYL ISOMER A	4.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	OCTACHLOROBIPHENYL ISOMER A	9.00E-01	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	OCTACHLOROBIPHENYL ISOMER B	2.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	PENTACHLORONAPHTHALENE A	1.00E+01	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	PENTACHLORONAPHTHALENE A	4.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	PENTACHLORONAPHTHALENE A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	PENTACHLORONAPHTHALENE B	9.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	PENTACHLORONAPHTHALENE B	4.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	PENTACHLORONAPHTHALENE C	7.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	PENTACHLORONAPHTHALENE D	4.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	PENTACHLORONAPHTHALENE E	1.00E+01	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	SUBST. BENZENE A	8.00E-02	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TETRACHLORONAPHTHALENE A	4.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TETRACHLORONAPHTHALENE A	3.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	TETRACHLORONAPHTHALENE A	3.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TETRACHLORONAPHTHALENE B	7.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TETRACHLORONAPHTHALENE B	5.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	TETRACHLORONAPHTHALENE B	4.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TETRACHLORONAPHTHALENE C	8.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TETRACHLORONAPHTHALENE C	6.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TETRACHLORONAPHTHALENE D	2.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TETRACHLORONAPHTHALENE D	7.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TETRACHLORONAPHTHALENE E	2.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TETRACHLORONAPHTHALENE E	4.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TETRACHLORONAPHTHALENE F	1.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TETRACHLORONAPHTHALENE F	1.00E+01	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TRICHLORONAPHTHALENE A	3.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TRICHLORONAPHTHALENE A	1.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TRICHLORONAPHTHALENE B	2.00E+01	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TRICHLORONAPHTHALENE B	6.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TRICHLORONAPHTHALENE C	4.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	TRICHLORONAPHTHALENE C	1.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	TRICHLOROTRIFLUOROETHANE A	2.00E-01	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	UNKNOWN A	8.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	UNKNOWN A	4.00E-02	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	UNKNOWN A	6.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	UNKNOWN A	1.00E-02	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	UNKNOWN B	8.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	UNKNOWN B	3.00E-02	J	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	UNKNOWN B	5.00E+00	J	8-10
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	UNKNOWN B	3.00E-02	J	8-10
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	UNKNOWN C	6.00E-02	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	UNKNOWN D	4.00E-01	J	2-4
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J	2-4
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	UNKNOWN HYDROCARBON B	8.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	UNKNOWN HYDROCARBON D	8.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	UNKNOWN HYDROCARBON E	8.00E-01	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	UNKNOWN HYDROCARBON G	1.00E+00	J	14-16
17	SB-12	EA01-RE-17SB12-00801	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	2-4
17	SB-12	EA01-RE-17SB12-02005	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	8-10
17	SB-12	EA01-RE-17SB12-03201	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	14-16
17	SB-13	EA01-RE-17SB13-00801	SVOC TICs	CHLOROMETHYLBENZENE A	1.00E+00	J	2-4
17	SB-13	EA01-RE-17SB13-00801	SVOC TICs	CHLOROMETHYLBENZENE A	1.00E+00	J	2-4
17	SB-13	EA01-RE-17SB13-02001	SVOC TICs	CHLOROMETHYLBENZENE A	4.00E+00	J	8-10
17	SB-13	EA01-RE-17SB13-02001	SVOC TICs	CHLOROMETHYLBENZENE A	2.00E+00	J	8-10
17	SB-13	EA01-RE-17SB13-03201	SVOC TICs	CHLOROMETHYLBENZENE A	5.00E+01	J	14-16
17	SB-13	EA01-RE-17SB13-03201	SVOC TICs	CHLOROMETHYLBENZENE A	4.00E+01	J	14-16
17	SB-13	EA01-RE-17SB13-00801	SVOC TICs	CHLOROMETHYLBENZENE B	5.00E+00	J	2-4
17	SB-13	EA01-RE-17SB13-00801	SVOC TICs	CHLOROMETHYLBENZENE B	3.00E-02	J	2-4
17	SB-13	EA01-RE-17SB13-02001	SVOC TICs	CHLOROMETHYLBENZENE B	4.00E+00	J	8-10
17	SB-13	EA01-RE-17SB13-02001	SVOC TICs	CHLOROMETHYLBENZENE B	2.00E+00	J	8-10
17	SB-13	EA01-RE-17SB13-03201	SVOC TICs	CHLOROMETHYLBENZENE B	5.00E+01	J	14-16
17	SB-13	EA01-RE-17SB13-03201	SVOC TICs	CHLOROMETHYLBENZENE B	3.00E+01	J	14-16
17	SB-13	EA01-RE-17SB13-00801	SVOC TICs	DICHLOROBENZENE A	4.00E-02	J	2-4

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample	Result	Data	Depth
SWMU Location	mg/kg	Qualifier	(ft bgs)
Sample Number	Datagroup	Analyte	
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	DICHLOROBENZENE A	1.00E-01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	DICHLOROBENZENE B	6.00E-02 J 2-4
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	DICHLOROBENZENE B	3.00E-01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	DICHLOROMETHYLBENZENE A	1.00E+01 J 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	DICHLOROMETHYLBENZENE A	1.00E-01 J 8-10
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	DICHLOROMETHYLBENZENE A	2.00E+02 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	DICHLOROMETHYLBENZENE B	5.00E+01 J 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	DICHLOROMETHYLBENZENE B	6.00E-01 J 8-10
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	DICHLOROMETHYLBENZENE B	2.00E+02 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	DICHLOROMETHYLBENZENE C	4.00E+01 J 2-4
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	DICHLOROMETHYLBENZENE C	8.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	PENTACHLORONAPHTHALENE A	1.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	PENTACHLORONAPHTHALENE A	1.00E-01 J 8-10
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TETRACHLORONAPHTHALENE A	3.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	TETRACHLORONAPHTHALENE A	1.00E-01 J 8-10
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TETRACHLORONAPHTHALENE A	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TETRACHLORONAPHTHALENE B	2.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	TETRACHLORONAPHTHALENE B	1.00E-01 J 8-10
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TETRACHLORONAPHTHALENE B	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TETRACHLORONAPHTHALENE C	4.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TETRACHLORONAPHTHALENE C	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TETRACHLORONAPHTHALENE D	3.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TETRACHLORONAPHTHALENE E	4.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TRICHLOROMETHYLBENZENE A	6.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TRICHLOROMETHYLBENZENE A	4.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TRICHLOROMETHYLBENZENE B	1.00E+01 J 2-4
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TRICHLOROMETHYLBENZENE B	3.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TRICHLOROMETHYLBENZENE C	2.00E+01 J 2-4
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TRICHLOROMETHYLBENZENE C	6.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TRICHLOROMETHYLBENZENE D	1.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TRICHLORONAPHTHALENE A	2.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	TRICHLORONAPHTHALENE A	2.00E-01 J 8-10
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TRICHLORONAPHTHALENE A	3.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TRICHLORONAPHTHALENE B	3.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	TRICHLORONAPHTHALENE B	6.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TRICHLORONAPHTHALENE C	1.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TRICHLORONAPHTHALENE D	7.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	TRICHLORONAPHTHALENE E	1.00E+00 J 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	UNKNOWN A	1.00E-01 J 8-10
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN A	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN A	6.00E-02 J 14-16
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	UNKNOWN B	1.00E-01 JB 8-10
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	UNKNOWN C	9.00E-02 J 8-10
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	UNKNOWN ACID ESTER A	2.00E-01 JB 8-10
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-02 J 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01 J 8-10
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E-02 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E-01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON D	6.00E-02 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E-01 J 14-16
17 SB-13 EA01-RE-17SB13-03201	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E+01 J 14-16
17 SB-13 EA01-RE-17SB13-00801	SVOC TICs	UNKNOWN KETONE A	6.00E+00 JB 2-4
17 SB-13 EA01-RE-17SB13-02001	SVOC TICs	UNKNOWN KETONE A	2.00E+01 JB 8-10
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	DECANE A	5.00E-02 J 8-10
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	DICHLOROMETHYLBENZENE A	2.00E-02 J 8-10
17 SB-14 EA01-RE-17SB14-02002	SVOC TICs	DICHLORONAPHTHALENE A	2.00E+00 J 8-10
17 SB-14 EA01-RE-17SB14-00801	SVOC TICs	HEXACHLORONAPHTHALENE A	2.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-00802	SVOC TICs	HEXACHLORONAPHTHALENE A	3.00E+01 J 2-4
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	HEXACHLORONAPHTHALENE A	2.00E+01 J 8-10
17 SB-14 EA01-RE-17SB14-02002	SVOC TICs	HEXACHLORONAPHTHALENE A	8.00E+00 J 8-10
17 SB-14 EA01-RE-17SB14-00801	SVOC TICs	HEXACHLORONAPHTHALENE B	1.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-00802	SVOC TICs	HEXACHLORONAPHTHALENE B	1.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	HEXACHLORONAPHTHALENE B	2.00E+01 J 8-10
17 SB-14 EA01-RE-17SB14-02002	SVOC TICs	HEXACHLORONAPHTHALENE B	7.00E+00 J 8-10
17 SB-14 EA01-RE-17SB14-00801	SVOC TICs	HEXACHLORONAPHTHALENE C	2.00E+01 J 2-4
17 SB-14 EA01-RE-17SB14-00802	SVOC TICs	HEXACHLORONAPHTHALENE C	1.00E+03 J 2-4
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	HEXACHLORONAPHTHALENE C	1.00E+01 J 8-10
17 SB-14 EA01-RE-17SB14-00802	SVOC TICs	HEXACHLORONAPHTHALENE D	2.00E+01 J 2-4
17 SB-14 EA01-RE-17SB14-00801	SVOC TICs	PENTACHLORONAPHTHALENE A	3.00E+01 J 2-4
17 SB-14 EA01-RE-17SB14-00802	SVOC TICs	PENTACHLORONAPHTHALENE A	5.00E+01 J 2-4
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	PENTACHLORONAPHTHALENE A	7.00E+00 J 8-10
17 SB-14 EA01-RE-17SB14-02002	SVOC TICs	PENTACHLORONAPHTHALENE A	1.00E+00 J 8-10
17 SB-14 EA01-RE-17SB14-00801	SVOC TICs	PENTACHLORONAPHTHALENE B	1.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-00802	SVOC TICs	PENTACHLORONAPHTHALENE B	1.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	PENTACHLORONAPHTHALENE B	2.00E+01 J 8-10
17 SB-14 EA01-RE-17SB14-02002	SVOC TICs	PENTACHLORONAPHTHALENE B	1.00E+01 J 8-10
17 SB-14 EA01-RE-17SB14-00801	SVOC TICs	PENTACHLORONAPHTHALENE C	2.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-00802	SVOC TICs	PENTACHLORONAPHTHALENE C	1.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	PENTACHLORONAPHTHALENE C	1.00E+00 J 8-10
17 SB-14 EA01-RE-17SB14-02002	SVOC TICs	PENTACHLORONAPHTHALENE C	1.00E+00 J 8-10
17 SB-14 EA01-RE-17SB14-00801	SVOC TICs	PENTACHLORONAPHTHALENE D	5.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-00802	SVOC TICs	PENTACHLORONAPHTHALENE D	4.00E+02 J 2-4
17 SB-14 EA01-RE-17SB14-02001	SVOC TICs	PENTACHLORONAPHTHALENE D	5.00E+01 J 8-10
17 SB-14 EA01-RE-17SB14-02002	SVOC TICs	PENTACHLORONAPHTHALENE D	4.00E+01 J 8-10
17 SB-14 EA01-RE-17SB14-00801	SVOC TICs	PENTACHLORONAPHTHALENE E	2.00E+01 J 2-4

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample	SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	PENTACHLORONAPHTHALENE	E	3.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	PENTACHLORONAPHTHALENE	F	1.00E+02	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	PENTACHLORONAPHTHALENE	G	1.00E+03	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	SUBST. BENZENE	A	1.00E-02	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	A	4.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	A	7.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TETRACHLORONAPHTHALENE	A	1.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TETRACHLORONAPHTHALENE	A	1.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	B	4.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	B	4.00E+02	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TETRACHLORONAPHTHALENE	B	2.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TETRACHLORONAPHTHALENE	B	1.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	C	3.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	C	2.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TETRACHLORONAPHTHALENE	C	1.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TETRACHLORONAPHTHALENE	C	2.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	D	8.00E+00	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	D	4.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TETRACHLORONAPHTHALENE	D	4.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TETRACHLORONAPHTHALENE	D	1.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	E	3.00E+00	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	E	2.00E+02	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TETRACHLORONAPHTHALENE	E	1.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TETRACHLORONAPHTHALENE	E	4.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	F	5.00E+00	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	F	2.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TETRACHLORONAPHTHALENE	F	1.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TETRACHLORONAPHTHALENE	F	3.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	G	1.00E+02	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	G	3.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TETRACHLORONAPHTHALENE	G	3.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	H	2.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	H	1.00E+02	J	2-4
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TETRACHLORONAPHTHALENE	I	9.00E+00	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TETRACHLORONAPHTHALENE	I	6.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TRICHLORONAPHTHALENE	A	1.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TRICHLORONAPHTHALENE	A	5.00E+01	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TRICHLORONAPHTHALENE	A	1.00E-01	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TRICHLORONAPHTHALENE	A	2.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	TRICHLORONAPHTHALENE	B	2.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TRICHLORONAPHTHALENE	B	1.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TRICHLORONAPHTHALENE	C	2.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	TRICHLORONAPHTHALENE	D	3.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	TRICHLOROTRIFLUOROETHANE	A	8.00E-03	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	TRICHLOROTRIFLUOROETHANE	A	1.00E-02	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNDECANE	A	7.00E-02	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	UNKNOWN	A	2.00E+02	J	2-4
17	SB-14	EA01-RE-17SB14-00802	SVOC TICs	UNKNOWN	A	7.00E+02	J	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNKNOWN	A	2.00E+01	J	8-10
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNKNOWN	A	8.00E-03	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	UNKNOWN	A	7.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNKNOWN	B	9.00E-03	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	UNKNOWN	B	2.00E+00	J	8-10
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNKNOWN DICHLORONAPHTHALENE	A	3.00E-02	J	8-10
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNKNOWN DICHLORONAPHTHALENE	B	8.00E-02	J	8-10
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNKNOWN HYDROCARBON	A	9.00E-03	J	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	UNKNOWN HYDROCARBON	A	3.00E-01	J	8-10
17	SB-14	EA01-RE-17SB14-00801	SVOC TICs	UNKNOWN KETONE	A	7.00E+00	JB	2-4
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNKNOWN KETONE	A	1.00E+01	JB	8-10
17	SB-14	EA01-RE-17SB14-02002	SVOC TICs	UNKNOWN KETONE	A	1.00E+01	JB	8-10
17	SB-14	EA01-RE-17SB14-02001	SVOC TICs	UNKNOWN TRIMETHYLBENZENE	A	1.00E-02	J	8-10
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	CYCLIC HYDROCARBON C13H26	A	3.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	DIMETHYLNAPHTHALENE	A	2.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	DIMETHYLNAPHTHALENE	B	2.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	HEPTACHLORONAPHTHALENE	A	4.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	HEXACHLORONAPHTHALENE	A	3.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	HEXACHLORONAPHTHALENE	B	4.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C11H24)	A	5.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C12H26)	A	7.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C13H28)	A	1.00E+00	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C14H30)	A	1.00E+00	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C15H32)	A	1.00E+00	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C16H34)	A	9.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C17H36)	A	2.00E+00	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C18H38)	A	6.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	HYDROCARBON (C19H40)	A	5.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C19H40)	A	7.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C20H42)	A	6.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C21H44)	A	6.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-03201	SVOC TICs	HYDROCARBON (C23H48)	A	4.00E-01	J	14-16
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	PENTACHLORONAPHTHALENE	A	4.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-02001	SVOC TICs	PENTACHLORONAPHTHALENE	A	1.00E-01	J	8-10
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	PENTACHLORONAPHTHALENE	B	7.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	PENTACHLORONAPHTHALENE	C	3.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	TETRACHLORONAPHTHALENE	A	4.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	TETRACHLORONAPHTHALENE	B	6.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	TETRACHLORONAPHTHALENE	C	5.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	TRIMETHYLNAPHTHALENE	A	4.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	TRIMETHYLNAPHTHALENE	B	2.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN	A	2.00E-01	J	2-4
17	SB-16	EA01-RE-17SB16-02001	SVOC TICs	UNKNOWN	A	1.00E-01	JB	8-10

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample	Result	Data	Depth
SWMU Location	mg/kg	Qualifier	(ft bgs)
Sample Number	Datagroup	Analyte	
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN A	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN ACID ESTER A	2-4
17 SB-16 EA01-RE-17SB16-02001	SVOC TICs	UNKNOWN ACID ESTER A	8-10
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN ACID ESTER A	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON A	2-4
17 SB-16 EA01-RE-17SB16-02001	SVOC TICs	UNKNOWN HYDROCARBON A	8-10
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON A	14-16
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON A	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON B	2-4
17 SB-16 EA01-RE-17SB16-02001	SVOC TICs	UNKNOWN HYDROCARBON B	8-10
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON B	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON C	2-4
17 SB-16 EA01-RE-17SB16-02001	SVOC TICs	UNKNOWN HYDROCARBON C	8-10
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON C	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON D	2-4
17 SB-16 EA01-RE-17SB16-02001	SVOC TICs	UNKNOWN HYDROCARBON D	8-10
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON D	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON E	2-4
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON E	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON F	2-4
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON F	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON G	2-4
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON G	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON H	2-4
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN HYDROCARBON H	14-16
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON I	2-4
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN HYDROCARBON J	2-4
17 SB-16 EA01-RE-17SB16-00801	SVOC TICs	UNKNOWN KETONE A	2-4
17 SB-16 EA01-RE-17SB16-02001	SVOC TICs	UNKNOWN KETONE A	8-10
17 SB-16 EA01-RE-17SB16-03201	SVOC TICs	UNKNOWN KETONE A	14-16
17 SB-16 EA01-RE-17SB16-02001	SVOC TICs	UNKNOWN PHTHALATE A	8-10
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	AROMATIC HYDROCARBON & HSL A	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	AROMATIC HYDROCARBON C18H14 A	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	DICHLOROBENZENE A	8.5-10.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	DICHLOROBENZENE B	8.5-10.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	DICHLOROBENZENE C	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLOROMETHYLBENZENE A	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLOROMETHYLBENZENE B	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLOROMETHYLBENZENE C	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLOROMETHYLBENZENE D	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLORONAPHTHALENE A	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	DICHLORONAPHTHALENE A	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLORONAPHTHALENE B	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	DICHLORONAPHTHALENE B	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLORONAPHTHALENE C	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	DICHLORONAPHTHALENE C	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLORONAPHTHALENE D	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLORONAPHTHALENE E	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLORONAPHTHALENE F	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	DICHLORONAPHTHALENE G	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	HEXACHLORONAPHTHALENE A	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	PENTACHLORONAPHTHALENE A	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	PENTACHLORONAPHTHALENE A	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	PENTACHLORONAPHTHALENE B	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	PENTACHLORONAPHTHALENE B	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	PENTACHLORONAPHTHALENE C	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	PENTACHLORONAPHTHALENE C	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	PENTACHLORONAPHTHALENE D	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	PENTACHLORONAPHTHALENE D	8.5-10.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	PENTACHLORONAPHTHALENE E	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	SUBST. BENZENE A	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	SUBST. BENZENE A	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	SUBST. BENZENE B	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	SUBST. BENZENE B	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE A	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE A	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE B	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE B	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE C	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE C	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE D	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE D	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE E	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE E	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE F	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE F	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE G	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE G	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE H	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE H	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE I	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE I	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE J	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE J	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TETRACHLORONAPHTHALENE K	2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TETRACHLORONAPHTHALENE K	8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLOROMETHYLBENZENE A	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLOROMETHYLBENZENE B	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLOROMETHYLBENZENE C	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLOROMETHYLBENZENE D	2.5-4.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLOROMETHYLBENZENE E	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample	Result	Data	Depth
SWMU Location	mg/kg	Qualifier	(ft bgs)
Sample Number	Datagroup	Analyte	
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLORONAPHTHALENE A	3.00E+01 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TRICHLORONAPHTHALENE B	5.00E-01 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLORONAPHTHALENE C	1.00E+02 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TRICHLORONAPHTHALENE D	8.00E-01 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLORONAPHTHALENE E	5.00E+01 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TRICHLORONAPHTHALENE F	9.00E-01 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLORONAPHTHALENE G	9.00E+00 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TRICHLORONAPHTHALENE H	1.00E+00 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLORONAPHTHALENE I	2.00E+00 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TRICHLORONAPHTHALENE J	9.00E+00 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	TRICHLORONAPHTHALENE K	3.00E+00 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	TRICHLORONAPHTHALENE L	2.00E+00 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	UNKNOWN A	7.00E+00 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	UNKNOWN A	2.00E+00 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	UNKNOWN A	4.00E-02 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	UNKNOWN B	5.00E+00 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	UNKNOWN B	9.00E-01 J 8.5-10.5
17 SB-17 EA01-RE-17SB17-00901	SVOC TICs	UNKNOWN KETONE A	1.00E+01 J 2.5-4.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	UNKNOWN KETONE A	1.00E+01 JB 8.5-10.5
17 SB-17 EA01-RE-17SB17-02101	SVOC TICs	UNKNOWN KETONE B	9.00E+00 JB 8.5-10.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	BENZO(A)PYRENE ISOMER A	5.00E+00 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	DICHLORONAPHTHALENE A	5.00E+00 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	DICHLORONAPHTHALENE B	4.00E+00 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	HEPTACHLORONAPHTHALENE A	4.00E+02 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	HEXACHLORONAPHTHALENE A	2.00E+02 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	HEXACHLORONAPHTHALENE B	3.00E+02 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	HEXACHLORONAPHTHALENE C	3.00E+02 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	HEXACHLORONAPHTHALENE D	1.00E+02 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	PENTACHLORO BENZENE (C6HCl5) A	4.00E+00 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	PENTACHLORONAPHTHALENE A	2.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	PENTACHLORONAPHTHALENE B	2.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	PENTACHLORONAPHTHALENE C	1.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	PENTACHLORONAPHTHALENE D	6.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	PENTACHLORONAPHTHALENE E	8.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	PENTACHLORONAPHTHALENE F	6.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	PENTACHLORONAPHTHALENE G	8.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TETRACHLORONAPHTHALENE A	4.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TETRACHLORONAPHTHALENE B	2.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TETRACHLORONAPHTHALENE C	1.00E+02 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TETRACHLORONAPHTHALENE D	2.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TETRACHLORONAPHTHALENE E	1.00E+02 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TETRACHLORONAPHTHALENE F	5.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TRICHLORONAPHTHALENE A	9.00E+00 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TRICHLORONAPHTHALENE B	2.00E-01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TRICHLORONAPHTHALENE C	1.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	TRICHLORONAPHTHALENE D	7.00E+00 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	UNKNOWN A	3.00E+01 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	UNKNOWN B	4.00E+00 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	UNKNOWN C	4.00E+00 J 0.5-2.5
17 SB-18 EA01-RE-17SB18-00501	SVOC TICs	UNKNOWN KETONE A	7.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	1-METHYLNAPHTHALENE A	5.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	AROMATIC HYDROCARBON & HYDROCARB	6.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	AROMATIC HYDROCARBON & UNKNOWN A	6.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	AROMATIC HYDROCARBON C12H12 A	5.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	AROMATIC HYDROCARBON C15H32 A	1.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	AROMATIC HYDROCARBON C20H12 A	4.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	HEXACHLOROBIPHENYL A	2.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	HYDROCARBON (C14H30) A	4.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	HYDROCARBON (C15H32) A	1.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	HYDROCARBON (C16H34) A	5.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	HYDROCARBON (C19H40) A	5.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	PENTACHLORONAPHTHALENE A	5.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	TETRACHLORONAPHTHALENE A	1.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	TETRACHLORONAPHTHALENE B	5.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	TETRACHLORONAPHTHALENE C	1.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	TETRACHLORONAPHTHALENE D	5.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	TETRACHLORONAPHTHALENE E	4.00E-01 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	TRICHLORONAPHTHALENE A	2.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	UNKNOWN A	2.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	UNKNOWN B	2.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	UNKNOWN C	1.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	UNKNOWN D	2.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E+00 J 0.5-2.5
17 SB-19 EA01-RE-17SB19-00501	SVOC TICs	UNKNOWN KETONE A	7.00E+00 JB 0.5-2.5
17 SB-2 EA01-RE-17SB02-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	3.00E-01 J 0.5-2.5
17 SB-2 EA01-RE-17SB02-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	3.00E-01 J 0.5-2.5
17 SB-2 EA01-RE-17SB02-00501	SVOC TICs	HYDROCARBON (C19H40) A	3.00E-01 J 0.5-2.5
17 SB-2 EA01-RE-17SB02-00501	SVOC TICs	PENTANE A	8.00E-03 J 0.5-2.5
17 SB-2 EA01-RE-17SB02-00501	SVOC TICs	TETRAMETHYLHEPTADECANE ISOM. A	8.00E-01 J 0.5-2.5
17 SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN A	4.00E-01 J 0.5-2.5
17 SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E+00 J 0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON G	3.00E-01	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON H	4.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON I	3.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON J	2.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON K	7.00E-01	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON L	2.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON M	4.00E-01	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON N	4.00E+00	J	0.5-2.5
17	SB-2 EA01-RE-17SB02-00501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	DICHLORONAPHTHALENE A	1.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	HEPTACHLORONAPHTHALENE A	9.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	HEXACHLORONAPHTHALENE A	6.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	HEXACHLORONAPHTHALENE B	6.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	PENTACHLORONAPHTHALENE A	5.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	PENTACHLORONAPHTHALENE B	4.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	PENTACHLORONAPHTHALENE C	2.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	SUBST. BENZENE A	8.00E-03	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	SUBST. BENZENE B	7.00E-03	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TETRACHLORONAPHTHALENE A	2.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TETRACHLORONAPHTHALENE B	1.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TETRACHLORONAPHTHALENE C	2.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TETRACHLORONAPHTHALENE D	4.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TETRACHLORONAPHTHALENE E	3.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TETRACHLORONAPHTHALENE F	1.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TETRACHLORONAPHTHALENE G	4.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TETRACHLORONAPHTHALENE H	2.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TRICHLOROMETHYLBENZENE A	1.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TRICHLOROMETHYLBENZENE B	4.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TRICHLOROMETHYLBENZENE C	3.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TRICHLOROMETHYLNAPHTHALENE A	4.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TRICHLORONAPHTHALENE A	4.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	TRICHLORONAPHTHALENE B	1.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN A	1.00E+02	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN A	8.00E-03	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN B	4.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN C	4.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN D	7.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN E	5.00E+02	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN F	1.00E+02	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN G	1.00E+02	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN H	5.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN I	8.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN J	5.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN K	5.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN L	8.00E+01	J	0.5-2.5
17	SB-20 EA01-RE-17SB20-00501	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	HEXACHLOROBENZENE A	5.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	HEXACHLOROBENZENE B	4.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	HEXACHLOROETHANE A	9.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	HEXACHLOROETHANE A	1.00E-02	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	HEXACHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	PENTACHLOROBENZENE A	1.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	PENTACHLOROBUTADIENE A	9.00E-01	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	PENTACHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TETRACHLONAPH & UNKNOWN A	1.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TETRACHLOROBENZENE A	1.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TETRACHLORONAPHTHALENE A	4.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TETRACHLORONAPHTHALENE B	4.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TETRACHLORONAPHTHALENE C	3.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TETRACHLRNAPH ISMR & UNKNOWN A	2.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TRICHLOROMETHYLBENZENE A	2.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TRICHLORONAPHTHALENE A	3.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	TRICHLOROMETHYLBENZENE A	7.00E-01	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN A	2.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN A	8.00E-03	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN B	4.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN C	4.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN D	3.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN E	3.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN CHLORINATED COMPOUND A	9.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN CHLORINATED COMPOUND B	1.00E+00	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN HYDROCARBON A	7.00E-01	J	0.5-2.5
17	SB-21 EA01-RE-17SB21-00505	SVOC TICs	UNKNOWN KETONE A	9.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00502	SVOC TICs	AROMATIC HYDROCARBON C17H12 A	5.00E-01	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00501	SVOC TICs	AROMATIC HYDROCARBON C18H10 A	9.00E-01	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00501	SVOC TICs	AROMATIC HYDROCARBON C20H12 A	3.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00502	SVOC TICs	HEPTACHLOROBIPHENYL & UNKNOW A	1.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00501	SVOC TICs	HEXACHLORONAPHTHALENE A	1.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00502	SVOC TICs	HEXACHLORONAPHTHALENE A	3.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00501	SVOC TICs	HEXACHLORONAPHTHALENE B	9.00E-01	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00502	SVOC TICs	HEXACHLORONAPHTHALENE B	5.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00501	SVOC TICs	HEXACHLORONAPHTHALENE C	6.00E-01	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00502	SVOC TICs	HEXACHLORONAPHTHALENE C	3.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00502	SVOC TICs	HEXACHLORONAPHTHALENE D	3.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00502	SVOC TICs	HEXACHLORONAPHTHALENE E	2.00E+00	J	0.5-2.5
17	SB-22 EA01-RE-17SB22-00502	SVOC TICs	HYDROCARBON (C15H32) A	2.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs PENTACHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs PENTACHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs PENTACHLORONAPHTHALENE B	8.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs PENTACHLORONAPHTHALENE B	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs PENTACHLORONAPHTHALENE C	6.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs PENTACHLORONAPHTHALENE C	3.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs PENTACHLORONAPHTHALENE D	6.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs PENTACHLORONAPHTHALENE D	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs PENTACHLORONAPHTHALENE E	6.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs PENTACHLORONAPHTHALENE E	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs PENTACHLORONAPHTHALENE ISMR & UNKNOWN A	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs PENTACHLORONAPHTHALENE ISMR & UNKNOWN B	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs TETRACHLORONAPHTHALENE A	6.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs TETRACHLORONAPHTHALENE A	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs TETRACHLORONAPHTHALENE A	9.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs TETRACHLORONAPHTHALENE B	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs TETRACHLORONAPHTHALENE B	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs TETRACHLORONAPHTHALENE C	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs TETRACHLORONAPHTHALENE C	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs TETRACHLORONAPHTHALENE D	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs TETRACHLORONAPHTHALENE D	9.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs TETRACHLORONAPHTHALENE E	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs TETRACHLORONAPHTHALENE E	8.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs TETRACHLORONAPHTHALENE ISMR & UNKNOWN A	9.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs TRICHLORONAPHTHALENE A	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs TRICHLORONAPHTHALENE A	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN A	4.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs UNKNOWN A	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN B	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs UNKNOWN B	5.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN C	3.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN D	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN E	1.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN F	3.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN HYDROCARBON A	6.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs UNKNOWN HYDROCARBON A	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN HYDROCARBON B	4.00E-01	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN HYDROCARBON C	2.00E+00	J	0.5-2.5
17	SB-22	EA01-RE-17SB22-00501	SVOC TICs UNKNOWN KETONE A	9.00E+00	JB	0.5-2.5
17	SB-22	EA01-RE-17SB22-00502	SVOC TICs UNKNOWN KETONE A	9.00E+00	JB	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs AROMATIC HYDROCARBON C12H12 A	6.00E-01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs AROMATIC HYDROCARBON C12H12 B	6.00E-01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs HEXACHLORONAPHTHALENE A	1.00E+00	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs HEXACHLORONAPHTHALENE B	1.00E+00	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs HEXACHLORONAPHTHALENE C	8.00E-01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs HEXANE A	9.00E-03	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs HYDROCARBON & HSL A	6.00E-01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs HYDROCARBON (C15H32) A	2.00E+00	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs PENTACHLORONAPHTHALENE A	2.00E+01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs PENTACHLORONAPHTHALENE B	2.00E+01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs PENTACHLORONAPHTHALENE C	5.00E+01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs TETRACHLORONAPHTHALENE A	1.00E+00	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs TETRACHLORONAPHTHALENE B	9.00E-01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs TETRACHLORONAPHTHALENE C	8.00E-01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs TETRACHLORONAPHTHALENE D	1.00E+00	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs TETRACHLORONAPHTHALENE E	2.00E+00	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs TETRACHLORONAPHTHALENE ISMR & UNKNOWN A	2.00E+00	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs TRICHLORONAPHTHALENE A	1.00E+00	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs UNKNOWN A	8.00E-01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs UNKNOWN B	7.00E-01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs UNKNOWN C	2.00E+01	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs UNKNOWN CHLORINATED COMPOUND A	5.00E-02	J	0.5-2.5
17	SB-23	EA01-RE-17SB23-00505	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs AROMATIC HYDROCARBON A	8.00E-01	J	2-4
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs CHLOROMETHYLBENZENE A	2.00E-01	J	2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs CHLOROMETHYLBENZENE A	9.00E-01	J	8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs CHLOROMETHYLBENZENE A	4.00E-01	J	8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs CHLOROMETHYLBENZENE A	5.00E-03	J	14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs CHLOROMETHYLBENZENE B	2.00E+00	J	8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs CHLOROMETHYLBENZENE B	3.00E-01	J	8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs CHLOROMETHYLBENZENE C	2.00E+00	J	8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs CHLOROMETHYLBENZENE C	5.00E-01	J	8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs CHLOROMETHYLBENZENE D	3.00E-01	J	8-10
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs DICHLOROBENZENE A	9.00E-03	J	2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs DICHLOROBENZENE A	8.00E+00	J	8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs DICHLOROBENZENE A	5.00E-02	J	14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs DICHLOROBENZENE B	1.00E-01	J	2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs DICHLOROBENZENE B	2.00E+01	J	8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs DICHLOROBENZENE B	3.00E-02	J	14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs DICHLOROBENZENE C	6.00E-02	J	2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs DICHLOROBENZENE C	2.00E+01	J	8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs DICHLOROBENZENE C	1.00E-02	J	14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs DICHLOROMETHYLBENZENE A	9.00E-01	J	2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs DICHLOROMETHYLBENZENE A	4.00E+00	J	8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs DICHLOROMETHYLBENZENE A	1.00E+00	J	14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs DICHLOROMETHYLBENZENE B	1.00E+00	J	2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs DICHLOROMETHYLBENZENE B	2.00E+00	J	8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs DICHLOROMETHYLBENZENE B	1.00E+00	J	14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs DICHLOROMETHYLBENZENE C	2.00E+00	J	8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs DICHLOROMETHYLBENZENE D	7.00E-01	J	8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs DICHLOROMETHYLBENZENE E	5.00E-01	J	8-10

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	DICHLOROMETHYLBENZENE F	3.00E+00	J 8-10
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	DICHLORONAPHTHALENE A	9.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	DICHLORONAPHTHALENE A	2.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	DICHLORONAPHTHALENE B	4.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	DICHLORONAPHTHALENE C	2.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	DICHLORONAPHTHALENE D	2.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	HEXACHLORONAPHTHALENE A	8.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	HEXACHLORONAPHTHALENE A	7.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	HEXACHLORONAPHTHALENE B	5.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	HEXACHLORONAPHTHALENE B	4.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	HEXACHLORONAPHTHALENE C	8.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	OXYBISBENZENE A	5.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	OXYBISBENZENE B	4.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	PENTACHLORONAPHTHALENE A	7.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	PENTACHLORONAPHTHALENE B	7.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	PROPANOIC ACID ESTER A	5.00E-01	JB 8-10
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	TETRACHLORONAPHTHALENE A	7.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	TETRACHLORONAPHTHALENE B	7.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	TETRACHLORONAPHTHALENE C	2.00E+00	J 2-4
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	TETRACHLORONAPHTHALENE D	1.00E+00	J 2-4
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	TRICHLORO BENZENE A	4.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	TRICHLOROMETHYLBENZENE A	3.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	TRICHLOROMETHYLBENZENE A	5.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	TRICHLOROMETHYLBENZENE B	2.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	TRICHLOROMETHYLBENZENE B	7.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	TRICHLORONAPHTHALENE A	9.00E-01	J 2-4
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	TRICHLORONAPHTHALENE A	1.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	TRICHLORONAPHTHALENE B	2.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	UNKNOWN A	1.00E+00	J 2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN A	5.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN A	1.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN B	1.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN B	1.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN C	5.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN C	1.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN D	8.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN D	5.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN E	1.00E+00	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN E	1.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN F	2.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN F	5.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN G	2.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN G	1.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN H	2.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN H	1.00E+00	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN I	2.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN J	2.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-00801	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J 2-4
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN HYDROCARBON A	7.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN HYDROCARBON B	7.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J 8-10
17	SB-3	EA01-RE-17SB03-03201	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J 14-16
17	SB-3	EA01-RE-17SB03-02001	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	CHLOROMETHYLBENZENE A	1.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	CHLOROMETHYLBENZENE B	3.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-03201	SVOC TICs	CHLORONAPHTHALENE ISOMER A	9.00E-01	J 14-16
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	DICHLORO BENZENE A	3.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-03201	SVOC TICs	DICHLORO BENZENE A	9.00E-03	J 14-16
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	DICHLORO BENZENE B	2.00E+00	J 8-10
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	DICHLORO BENZENE C	8.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	DICHLORONAPHTHALENE A	3.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-03201	SVOC TICs	DICHLORONAPHTHALENE A	2.00E-01	J 14-16
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	DICHLORONAPHTHALENE B	2.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	DICHLORONAPHTHALENE C	4.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	DICHLORONAPHTHALENE D	8.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	DICHLORONAPHTHALENE E	5.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	HEPTACHLORO-1,1'-BIPHENYL A	1.00E+01	J 2-4
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	HEPTACHLORONAPHTHALENE A	1.00E+02	J 2-4
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	HEPTACHLORONAPHTHALENE A	6.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-03201	SVOC TICs	HEXACHLOROETHANE A	3.00E-02	J 14-16
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	HEXACHLORONAPHTHALENE A	9.00E+01	J 2-4
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	HEXACHLORONAPHTHALENE A	2.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	HEXACHLORONAPHTHALENE B	6.00E+01	J 2-4
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	HEXACHLORONAPHTHALENE B	2.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	HEXACHLORONAPHTHALENE C	8.00E+01	J 2-4
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	PENTACHLORONAPHTHALENE A	5.00E+01	J 2-4
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	PENTACHLORONAPHTHALENE A	2.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	PENTACHLORONAPHTHALENE B	3.00E+01	J 2-4
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	PENTACHLORONAPHTHALENE B	3.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	PENTACHLORONAPHTHALENE C	2.00E+01	J 2-4
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	PENTACHLORONAPHTHALENE D	1.00E+02	J 2-4
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	PENTACHLORONAPHTHALENE E	1.00E+02	J 2-4
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	TETRACHLORONAPHTHALENE A	9.00E+01	J 2-4
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	TETRACHLORONAPHTHALENE A	6.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	TETRACHLORONAPHTHALENE B	1.00E+02	J 2-4
17	SB-4	EA01-RE-17SB04-02001	SVOC TICs	TETRACHLORONAPHTHALENE B	5.00E-01	J 8-10
17	SB-4	EA01-RE-17SB04-00801	SVOC TICs	TETRACHLORONAPHTHALENE C	1.00E+02	J 2-4

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	TETRACHLORONAPHTHALENE C	2.00E-01	J	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TETRACHLORONAPHTHALENE D	1.00E+02	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	TETRACHLORONAPHTHALENE D	4.00E-01	J	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TETRACHLORONAPHTHALENE E	4.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	TETRACHLORONAPHTHALENE E	2.00E-01	J	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TETRACHLORONAPHTHALENE F	7.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	TETRACHLORONAPHTHALENE F	5.00E-01	J	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TRICHLORONAPHTHALENE A	3.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	TRICHLORONAPHTHALENE A	1.00E+00	J	8-10
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	TRICHLORONAPHTHALENE A	2.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TRICHLORONAPHTHALENE B	3.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	TRICHLORONAPHTHALENE B	9.00E-01	J	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TRICHLORONAPHTHALENE C	1.00E+02	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	TRICHLORONAPHTHALENE C	3.00E-01	J	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TRICHLORONAPHTHALENE D	3.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	TRICHLORONAPHTHALENE D	2.00E-01	J	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TRICHLORONAPHTHALENE E	6.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	TRICHLORONAPHTHALENE F	2.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	UNKNOWN A	2.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	UNKNOWN A	2.00E+00	J	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	UNKNOWN B	1.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-02001	SVOC TICs	UNKNOWN B	6.00E-01	JB	8-10
17 SB-4	EA01-RE-17SB04-00801	SVOC TICs	UNKNOWN C	1.00E+01	J	2-4
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON E	6.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON F	3.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON G	5.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E+00	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON I	3.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON J	3.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON K	3.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON L	3.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON M	3.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON N	4.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON O	2.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON P	2.00E-01	J	14-16
17 SB-4	EA01-RE-17SB04-03201	SVOC TICs	UNKNOWN HYDROCARBON Q	4.00E-01	J	14-16
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	AROMATIC HYDROCARBON A	4.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	CHLOROMETHYLBENZENE A	3.00E-02	J	2-4
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	DICHLOROBENZENE A	5.00E-01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	DICHLOROBENZENE A	1.00E-02	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	DICHLOROBENZENE B	2.00E-01	J	2-4
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	DICHLOROBENZENE C	1.00E-01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	DICHLORO-METHYLBENZENE A	6.00E-02	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	DICHLORONAPHTHALENE A	1.00E+02	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	DICHLORONAPHTHALENE A	2.00E+01	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	DICHLORONAPHTHALENE B	6.00E+01	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	DICHLORONAPHTHALENE C	4.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	DICHLORONAPHTHALENE D	6.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	DICHLORONAPHTHALENE E	3.00E+01	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	ETHYLMETHYLBENZENE A	2.00E-02	J	2-4
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	HEXACHLORONAPHTHALENE A	3.00E+01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	HEXACHLORONAPHTHALENE A	3.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	NAPHTHALENE A	6.00E-01	J	8-10
17 SB-5	EA01-RE-17SB05-04401	SVOC TICs	NAPHTHALENE A	9.00E+00	J	20-22
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	PENTACHLORONAPHTHALENE A	4.00E+01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	PENTACHLORONAPHTHALENE A	9.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	SUBST. BENZENE (C9H10) A	5.00E-02	J	2-4
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	TETRACHLORONAPHTHALENE A	2.00E+01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	TETRACHLORONAPHTHALENE A	7.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	TETRACHLORONAPHTHALENE B	5.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	TETRACHLORONAPHTHALENE C	5.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	TETRACHLORONAPHTHALENE D	3.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	TETRACHLORONAPHTHALENE E	5.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	TRICHLORONAPHTHALENE A	5.00E+01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	TRICHLORONAPHTHALENE A	7.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	TRICHLORONAPHTHALENE B	6.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	TRICHLORONAPHTHALENE C	2.00E+01	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	TRIMETHYLBENZENE A	2.00E-02	J	2-4
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	UNKNOWN A	1.00E-02	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN A	5.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN A	3.00E-02	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	1.00E-02	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON B	3.00E-02	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON C10H	1.00E-02	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN C8H6S A	2.00E-01	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	UNKNOWN CYCLIC HYDROCARBON A	2.00E-01	J	2-4
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E+01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN HYDROCARBON A	5.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN HYDROCARBON A	9.00E-03	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	UNKNOWN HYDROCARBON B	5.00E+01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+02	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	UNKNOWN HYDROCARBON D	9.00E+01	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN HYDROCARBON D	7.00E+00	J	8-10
17 SB-5	EA01-RE-17SB05-00801	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E+02	J	2-4
17 SB-5	EA01-RE-17SB05-02001	SVOC TICs	UNKNOWN HYDROCARBON E	3.00E+00	J	8-10

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON F	9.00E+01	J	2-4
17	SB-5	EA01-RE-17SB05-02001	SVOC TICs UNKNOWN HYDROCARBON F	5.00E+00	J	8-10
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON G	9.00E+01	J	2-4
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON H	8.00E+01	J	2-4
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON I	8.00E+01	J	2-4
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON J	8.00E+01	J	2-4
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON K	9.00E+01	J	2-4
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON L	7.00E+01	J	2-4
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON M	1.00E+02	J	2-4
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON N	1.00E+02	J	2-4
17	SB-5	EA01-RE-17SB05-00801	SVOC TICs UNKNOWN HYDROCARBON O	5.00E+01	J	2-4
17	SB-5	EA01-RE-17SB05-02001	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	8-10
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs 1-METHYLNAPHTHALENE A	5.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs AROMATIC HYDROCARBON & UNKNOWN A	2.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs AROMATIC HYDROCARBON & UNKNOWN B	4.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs AROMATIC HYDROCARBON C12H10 A	2.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 A	3.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 B	2.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 C	6.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 D	3.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs AROMATIC HYDROCARBON C20H12 A	1.00E+01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs HYDROCARBON (C12H26) A	1.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs HYDROCARBON (C13H28) A	1.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs HYDROCARBON (C15H32) A	2.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs METHYLDIBENZOFURAN A	2.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs METHYLDIBENZOFURAN B	1.00E+00	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs UNKNOWN A	5.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs UNKNOWN B	1.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs UNKNOWN C	1.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs UNKNOWN D	3.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs UNKNOWN E	3.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs UNKNOWN HYDROCARBON A	8.00E-01	J	0.5-2.5
17	SB-6	EA01-RE-17SB06-00501	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs AROMATIC HYDROCARBON C15H10 A	2.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs AROMATIC HYDROCARBON C15H12 A	1.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs AROMATIC HYDROCARBON C16H12 A	1.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs AROMATIC HYDROCARBON C17H12 A	2.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs AROMATIC HYDROCARBON C17H12 B	1.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs AROMATIC HYDROCARBON C17H12 C	1.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs CHLOROMETHYLBENZENE A	3.00E+00	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs CHLOROMETHYLBENZENE A	5.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs CHLOROMETHYLBENZENE A	2.00E+01	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs CHLOROMETHYLBENZENE A	2.00E-01	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs CHLOROMETHYLBENZENE B	2.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs CHLOROMETHYLBENZENE B	1.00E-01	J	14-16
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs DICHLOROMETHYLBENZENE A	5.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs DICHLOROMETHYLBENZENE A	5.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs DICHLOROMETHYLBENZENE B	1.00E+00	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs DICHLOROMETHYLBENZENE C	2.00E+00	J	2-4
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs DICHLORONAPHTHALENE A	3.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs HEXACHLORONAPHTHALENE A	5.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs HEXACHLORONAPHTHALENE B	8.00E-01	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs HEXACHLORONAPHTHALENE C	4.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs OXYBISBENZENE A	3.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs OXYBISBENZENE A	1.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs PROPANOIC ACID ESTER A	1.00E-01	JB	2-4
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs PROPANOIC ACID ESTER A	9.00E-02	J	8-10
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs TETRACHLORONAPHTHALENE A	6.00E-01	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs TETRACHLORONAPHTHALENE B	7.00E-01	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs TRICHLOROMETHYLBENZENE A	5.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs TRICHLOROMETHYLBENZENE B	6.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs TRICHLOROMETHYLBENZENE C	3.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs TRICHLORONAPHTHALENE A	3.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs TRICHLORONAPHTHALENE B	1.00E+00	J	14-16
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs UNKNOWN A	2.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs UNKNOWN A	1.00E-02	J	2-4
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs UNKNOWN A	2.00E-01	J	8-10
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs UNKNOWN A	1.00E+01	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs UNKNOWN A	6.00E-03	J	14-16
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs UNKNOWN B	1.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs UNKNOWN B	2.00E-01	J	8-10
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs UNKNOWN B	2.00E-02	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs UNKNOWN DICHLOROBENZENE A	6.00E-03	J	14-16
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs UNKNOWN DICHLOROBENZENE B	8.00E-03	J	14-16
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs UNKNOWN HYDROCARBON A	1.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs UNKNOWN HYDROCARBON A	2.00E-01	J	8-10
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs UNKNOWN HYDROCARBON A	7.00E-01	J	14-16
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-01	J	2-4
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs UNKNOWN HYDROCARBON B	1.00E-01	J	8-10
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs UNKNOWN HYDROCARBON C	1.00E-01	J	8-10
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs UNKNOWN HYDROCARBON D	2.00E-01	J	8-10
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs UNKNOWN HYDROCARBON E	1.00E-01	J	8-10
17	SB-7	EA01-RE-17SB07-00801	SVOC TICs UNKNOWN KETONE A	2.00E+01	JB	2-4
17	SB-7	EA01-RE-17SB07-02001	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	8-10
17	SB-7	EA01-RE-17SB07-03201	SVOC TICs UNKNOWN KETONE A	1.00E+01	JB	14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs CHLOROMETHYLBENZENE A	1.00E-02	J	2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs CHLOROMETHYLBENZENE A	3.00E+01	J	14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs CHLOROMETHYLBENZENE A	2.00E+00	J	14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs CHLOROMETHYLBENZENE B	3.00E+01	J	14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs CHLOROMETHYLBENZENE B	2.00E+00	J	14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs DICHLOROMETHYLBENZENE A	3.00E+01	J	14-16

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	DICHLOROMETHYLBENZENE B	6.00E+01	J 14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	DICHLOROMETHYLBENZENE C	2.00E+01	J 14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	DICHLOROMETHYLBENZENE D	5.00E+01	J 14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	DICHLOROMETHYLBENZENE E	5.00E+01	J 14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	DICHLORONAPHTHALENE A	8.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	HEXACHLORONAPHTHALENE A	1.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	HEXACHLORONAPHTHALENE B	4.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	HEXACHLORONAPHTHALENE C	2.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	PENTACHLORONAPHTHALENE A	6.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	PENTACHLORONAPHTHALENE A	2.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	PENTACHLORONAPHTHALENE B	2.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	PENTACHLORONAPHTHALENE C	1.00E+01	J 2-4
17	SB-8	EA01-RE-17SB08-02002	SVOC TICs	PROPANOIC ACID ESTER A	1.00E-01	J 8-10
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE A	4.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TETRACHLORONAPHTHALENE A	3.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE B	1.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TETRACHLORONAPHTHALENE B	3.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE C	2.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TETRACHLORONAPHTHALENE C	4.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE D	2.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE E	6.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE F	9.00E-01	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE G	5.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE H	4.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE I	1.00E+01	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TETRACHLORONAPHTHALENE ISMR & UNKNOWN A	1.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TRICHLOROMETHYLBENZENE A	9.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TRICHLOROMETHYLBENZENE B	9.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TRICHLOROMETHYLBENZENE C	4.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TRICHLORONAPHTHALENE A	6.00E-01	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TRICHLORONAPHTHALENE A	1.00E+01	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TRICHLORONAPHTHALENE B	3.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TRICHLORONAPHTHALENE B	3.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TRICHLORONAPHTHALENE C	7.00E-01	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	TRICHLORONAPHTHALENE C	2.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	TRICHLORONAPHTHALENE D	1.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	UNKNOWN A	8.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-02001	SVOC TICs	UNKNOWN A	2.00E-01	J 8-10
17	SB-8	EA01-RE-17SB08-02002	SVOC TICs	UNKNOWN A	1.00E-01	J 8-10
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	UNKNOWN A	7.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-02001	SVOC TICs	UNKNOWN B	1.00E-01	J 8-10
17	SB-8	EA01-RE-17SB08-02002	SVOC TICs	UNKNOWN B	8.00E-02	J 8-10
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	UNKNOWN B	4.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-02002	SVOC TICs	UNKNOWN C	1.00E+01	J 8-10
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	UNKNOWN DICHLOROBENZENE A	7.00E-02	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J 2-4
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J 14-16
17	SB-8	EA01-RE-17SB08-00801	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB 2-4
17	SB-8	EA01-RE-17SB08-02001	SVOC TICs	UNKNOWN KETONE A	4.00E-01	JB 8-10
17	SB-8	EA01-RE-17SB08-03201	SVOC TICs	UNKNOWN KETONE A	2.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	1,2,2-TRICHLOROPROPANE A	3.00E-02	J 14-16
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	CHLOROMETHYLBENZENE A	1.00E-02	J 8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	CHLOROMETHYLBENZENE A	2.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	CHLOROMETHYLBENZENE A	7.00E-01	J 14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	CHLOROMETHYLBENZENE B	1.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	CHLOROMETHYLBENZENE C	9.00E-01	J 14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	CHLOROMETHYLBENZENE D	6.00E-01	J 14-16
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	DICHLORONAPHTHALENE A	2.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	DICHLORONAPHTHALENE A	2.00E+01	J 14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	DICHLORONAPHTHALENE B	2.00E+01	J 14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	HEXACHLORONAPHTHALENE A	3.00E+01	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	HEXACHLORONAPHTHALENE A	4.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	HEXACHLORONAPHTHALENE B	2.00E+00	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	HEXACHLORONAPHTHALENE B	5.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	HEXACHLORONAPHTHALENE C	1.00E+01	J 2-4
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	PENTACHLORONAPHTHALENE A	3.00E+00	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	PENTACHLORONAPHTHALENE A	2.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	PENTACHLORONAPHTHALENE A	3.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	PENTACHLORONAPHTHALENE B	1.00E+01	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	PENTACHLORONAPHTHALENE B	1.00E+01	J 8-10
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	PENTACHLORONAPHTHALENE C	1.00E+00	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	PENTACHLORONAPHTHALENE C	6.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	PENTACHLORONAPHTHALENE D	4.00E+01	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	SUBST. BENZENE A	3.00E-02	J 8-10
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TETRACHLORONAPHTHALENE A	2.00E+01	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TETRACHLORONAPHTHALENE A	2.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TETRACHLORONAPHTHALENE A	3.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TETRACHLORONAPHTHALENE B	8.00E+00	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TETRACHLORONAPHTHALENE B	3.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TETRACHLORONAPHTHALENE B	3.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TETRACHLORONAPHTHALENE C	1.00E+01	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TETRACHLORONAPHTHALENE C	1.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TETRACHLORONAPHTHALENE C	4.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TETRACHLORONAPHTHALENE D	3.00E+00	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TETRACHLORONAPHTHALENE D	3.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TETRACHLORONAPHTHALENE D	1.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TETRACHLORONAPHTHALENE E	3.00E+01	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TETRACHLORONAPHTHALENE E	5.00E+00	J 8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TETRACHLORONAPHTHALENE E	2.00E+00	J 14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TETRACHLORONAPHTHALENE F	7.00E+00	J 2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TETRACHLORONAPHTHALENE F	4.00E+00	J 8-10

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample	SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TETRACHLORONAPHTHALENE	G	3.00E+01	J	2-4
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TETRACHLORONAPHTHALENE	H	4.00E+01	J	2-4
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TRICHLORONAPHTHALENE	A	2.00E+00	J	2-4
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TRICHLORONAPHTHALENE	A	1.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TRICHLORONAPHTHALENE	B	1.00E+00	J	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TRICHLORONAPHTHALENE	B	1.00E+00	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TRICHLORONAPHTHALENE	B	2.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TRICHLORONAPHTHALENE	C	1.00E+00	J	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TRICHLORONAPHTHALENE	C	1.00E+00	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TRICHLORONAPHTHALENE	C	2.00E+01	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TRICHLORONAPHTHALENE	D	4.00E+00	J	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TRICHLORONAPHTHALENE	D	6.00E+00	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TRICHLORONAPHTHALENE	D	3.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	TRICHLORONAPHTHALENE	E	9.00E+00	J	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	TRICHLORONAPHTHALENE	E	1.00E+00	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TRICHLORONAPHTHALENE	E	9.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	TRICHLORONAPHTHALENE	F	1.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	UNKNOWN A		5.00E+01	J	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	UNKNOWN A		6.00E+00	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN A		1.00E+01	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN A		7.00E-03	J	14-16
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	UNKNOWN B		1.00E+00	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN B		2.00E-02	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN C		1.00E-02	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON	A	5.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON	B	5.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	UNKNOWN DICHLORO BENZENE	A	2.00E-02	J	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	UNKNOWN DICHLORO BENZENE	A	2.00E-02	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN DICHLORO BENZENE	A	2.00E-02	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	UNKNOWN DICHLORO BENZENE	B	7.00E-03	J	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	UNKNOWN DICHLORO BENZENE	B	3.00E-02	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN DICHLORO BENZENE	B	4.00E-02	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	UNKNOWN DICHLORO BENZENE	C	2.00E-02	J	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	UNKNOWN DICHLORO BENZENE	C	6.00E-02	J	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN DICHLORO BENZENE	C	1.00E-01	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN HYDROCARBON	A	1.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN HYDROCARBON	A	9.00E-03	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN HYDROCARBON	B	1.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN HYDROCARBON	C	1.00E+00	J	14-16
17	SB-9	EA01-RE-17SB09-00801	SVOC TICs	UNKNOWN KETONE	A	1.00E+01	JB	2-4
17	SB-9	EA01-RE-17SB09-02001	SVOC TICs	UNKNOWN KETONE	A	1.00E+01	JB	8-10
17	SB-9	EA01-RE-17SB09-03201	SVOC TICs	UNKNOWN KETONE	A	1.00E+01	J	14-16
18	ETP18-1	EA02-EP-ETP18-1-01301	VOC TICs	SULFUR	A	3.10E+00	NJ	4.5-6.5
18	ETP18-1	EA02-EP-ETP18-1-01301	VOC TICs	UNKNOWN A		1.20E+01	NJ	4.5-6.5
18	ETP18-1	EA02-EP-ETP18-1-01301	SVOC TICs	UNKNOWN B		1.50E+00	J	4.5-6.5
18	ETP18-1	EA02-EP-ETP18-1-01301	SVOC TICs	UNKNOWN C		8.20E-01	J	4.5-6.5
18	ETP18-1	EA02-EP-ETP18-1-01301	SVOC TICs	UNKNOWN D		1.70E-01	J	4.5-6.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	DIMETHYLPHENANTHRENE	A	1.00E+00	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	DIMETHYLPYRENE	A	4.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	METHYL NAPHTHALENE ISOMERS	A	2.00E-02	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	METHYL NAPHTHALENE ISOMERS	B	2.00E-02	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	METHYLPYRENE	A	1.00E+00	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	TRICHLORONAPHTHALENE	A	6.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN A		8.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN B		7.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN C		1.00E+00	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON	A	6.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON	B	8.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON	C	7.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON	D	1.00E+00	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON	E	7.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON	F	6.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON	G	2.00E+00	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON	H	1.00E+00	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN KETONE	A	9.00E+00	JB	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN PAH	A	5.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN PAH	B	4.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN PAH	C	3.00E+00	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN PAH	D	6.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN PAH	E	6.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN PAH	F	5.00E-01	J	0.5-2.5
18	SB-1	EA01-RE-18SB01-00501	SVOC TICs	UNKNOWN PAH	G	4.00E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN A		1.60E+00	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN A		8.00E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN B		9.50E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN B		1.80E+00	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	Pesticides	UNKNOWN C		7.20E+01	NJ	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN C		6.50E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN D		2.00E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	Pesticides	UNKNOWN D		6.10E+01	NJ	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN E		3.80E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN E		2.70E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN F		2.30E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN F		2.30E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN G		4.00E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN G		3.10E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN H		1.80E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN H		6.50E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN I		2.90E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN I		3.10E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN J		3.20E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN J	5.30E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN K	3.10E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN K	3.40E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN L	7.20E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN L	2.40E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN M	5.70E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN M	3.20E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN N	2.00E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN N	5.10E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN O	2.60E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN O	4.60E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN P	3.40E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN P	5.30E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN Q	6.20E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN Q	1.30E+00	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN R	5.60E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN R	5.30E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN S	3.50E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN S	4.70E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN T	3.90E-01	J	0.5-2.5
18	SB-10	EA02-EP-18SB10-01301	SVOC TICs	UNKNOWN T	4.20E-01	J	4.5-6.5
18	SB-10	EA02-EP-18SB10-00501	SVOC TICs	UNKNOWN U	6.70E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN A	1.90E+00	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN A	1.80E+00	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN B	3.30E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN B	2.40E-01	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN C	6.10E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN C	1.10E-01	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	Pesticides	UNKNOWN D	5.30E+01	NJ	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN D	5.60E-01	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN E	2.20E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	Pesticides	UNKNOWN E	5.00E+01	NJ	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN F	3.10E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN F	1.60E-01	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN G	4.70E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN G	9.90E-02	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN H	2.40E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN H	8.50E-02	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN I	2.50E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN I	9.30E-02	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN J	4.00E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-01301	SVOC TICs	UNKNOWN J	3.70E-01	J	4.5-6.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN K	1.60E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN L	6.60E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN M	2.40E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN N	2.60E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN O	2.70E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN P	1.60E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN Q	3.00E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN R	1.60E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN S	1.40E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN T	2.70E-01	J	0.5-2.5
18	SB-11	EA02-EP-18SB11-00501	SVOC TICs	UNKNOWN U	3.30E-01	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-00501	Pesticides	DIBENZOTHIOPHENE A	3.30E+00	NJ	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	Pesticides	SULFUR, MOL. (S8) A	1.30E+01	NJ	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN A	4.60E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN A	9.70E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	Pesticides	UNKNOWN B	8.20E+01	NJ	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN B	8.80E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN C	5.30E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	Pesticides	UNKNOWN C	6.70E+01	NJ	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN D	9.60E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN D	2.50E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN E	2.90E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN E	4.10E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN F	6.00E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN F	2.00E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN G	8.70E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN G	1.60E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN H	5.60E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN H	3.50E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN I	3.80E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN I	1.50E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN J	1.50E+01	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN J	6.40E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN K	1.20E+01	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN K	1.30E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN L	3.60E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN M	5.10E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN N	5.60E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN O	1.30E+01	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN O	7.60E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN P	7.20E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN P	4.30E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-00501	SVOC TICs	UNKNOWN Q	8.80E+00	J	0.5-2.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN Q	4.00E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN R	4.90E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN S	7.00E-01	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN T	2.30E+00	J	4.5-6.5
18	SB-12	EA02-EP-18SB12-01301	SVOC TICs	UNKNOWN U	2.00E+00	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	Pesticides	DIBENZOTHIOPHENE A	4.50E-01	NJ	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU	Location					
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN A	9.20E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN A	9.10E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	Pesticides UNKNOWN B	9.90E+01	NJ	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	Pesticides UNKNOWN B	7.60E+01	NJ	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN C	3.60E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN C	2.00E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN D	4.00E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN D	5.70E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN E	5.20E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN E	2.40E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN F	7.30E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN F	1.10E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN G	9.80E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN G	1.10E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN H	4.00E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN H	1.20E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN I	8.60E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN I	1.20E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN J	4.10E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN J	1.70E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN K	2.40E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN K	8.60E-02	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN L	3.60E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-01301	SVOC TICs UNKNOWN L	1.00E-01	J	4.5-6.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN M	5.80E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN N	2.50E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN O	3.00E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN P	2.20E-01	J	0.5-2.5
18	SB-9	EA02-EP-18SB09-00501	SVOC TICs UNKNOWN Q	1.30E+00	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01302	VOC TICs 1,2,4-TRICHLOROBENZENE A	1.30E-02		4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	VOC TICs BUTANE, 2-METHYL- A	1.30E-02		4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	VOC TICs CYCLOHEXANE A	1.20E-02		4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	VOC TICs CYCLOHEXANE, 1,1,3-TRIMETHYL- A	1.50E-02		4.5-6.5
20	SB-10	EA02-EP-20SB10-01301	Pesticides DIBENZOTHIOPHENE A	7.90E-01	NJ	4.5-6.5
20	SB-10	EA02-EP-20SB10-01301	VOC TICs HEXANE, 2,2,4-TRIMETHYL- A	1.10E-02		4.5-6.5
20	SB-10	EA02-EP-20SB10-01301	VOC TICs HEXANE, 3,3-DIMETHYL- A	1.10E-02		4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN A	3.00E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	Pesticides UNKNOWN A	1.70E+02	NJ	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN A	9.30E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN B	1.10E+00	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN B	8.40E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	Pesticides UNKNOWN B	2.50E+02	NJ	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	Pesticides UNKNOWN C	1.50E+02	NJ	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN C	7.90E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN C	6.40E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN D	9.00E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN D	1.30E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN D	7.20E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN E	2.50E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN E	8.10E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN E	1.40E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN F	2.30E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN F	1.10E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN F	7.70E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN G	2.60E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN G	1.60E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN G	9.60E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN H	5.20E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN H	2.20E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN H	8.50E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN I	2.80E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN I	9.90E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN I	1.30E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN J	2.40E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN J	1.80E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN J	1.70E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN K	1.80E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN K	6.20E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN K	8.10E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN L	2.40E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN L	8.20E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN L	1.50E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN M	2.50E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN M	6.30E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN M	1.10E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN N	2.10E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN N	6.80E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN N	5.30E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN O	3.50E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01301	SVOC TICs UNKNOWN O	4.50E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN O	5.70E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN P	1.80E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN P	4.40E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN Q	1.30E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN Q	4.80E-01	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN R	1.40E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN R	3.70E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN S	1.00E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-01302	SVOC TICs UNKNOWN S	1.60E+00	J	4.5-6.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN T	1.40E-01	J	0.5-2.5
20	SB-10	EA02-EP-20SB10-00501	SVOC TICs UNKNOWN U	1.20E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample	Result	Data	Depth
SWMU Location	mg/kg	Qualifier	(ft bgs)
Sample Number	Datagroup	Analyte	
20 SB-10 EA02-EP-20SB10-00501	SVOC TICs	UNKNOWN V	1.40E-01 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	2.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	2.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	DIMETHYLPHENANTHRENE C16H14 A	2.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN A	2.00E+01 JB 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN B	1.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN C	8.00E-01 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN D	5.00E+00 JB 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN E	1.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN F	1.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN G	1.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN H	1.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON B	7.00E-01 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	1.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 B	1.00E+00 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 C	8.00E-01 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 D	9.00E-01 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H12 A	9.00E-01 J 0.5-2.5
20 SB-4 EA01-RE-20SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	7.00E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	VOC TICs	.ALPHA.-PINENE A	5.60E+00 4.5-6.5
20 SB-6 EA02-EP-20SB06-01305	VOC TICs	.BETA.-PINENE A	1.40E+00 4.5-6.5
20 SB-6 EA02-EP-20SB06-01305	VOC TICs	1,3-CYCLOHEXADIENE, 1-METHYL-4 A	1.10E+00 4.5-6.5
20 SB-6 EA02-EP-20SB06-01305	VOC TICs	1,4-CYCLOHEXADIENE, 1-METHYL-4 A	7.20E-01 4.5-6.5
20 SB-6 EA02-EP-20SB06-01305	VOC TICs	4-ISOPROPYLTOLUENE A	4.80E-01 4.5-6.5
20 SB-6 EA02-EP-20SB06-01305	VOC TICs	CAMPHENE A	8.30E+00 4.5-6.5
20 SB-6 EA02-EP-20SB06-01305	VOC TICs	CYCLOHEXENE, 1-METHYL-4-(1-MET A	1.80E+00 4.5-6.5
20 SB-6 EA02-EP-20SB06-01305	VOC TICs	TRICYCLO(2.2.1.02,6)HEPTANE, 1 A	6.20E-01 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN A	5.00E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN A	9.50E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN B	8.60E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	Pesticides	UNKNOWN B	2.30E+02 NJ 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	Pesticides	UNKNOWN C	1.30E+02 NJ 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN C	3.30E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN D	5.90E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN D	1.70E+00 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN E	6.10E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN E	7.70E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN F	8.50E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN F	1.60E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN G	6.40E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN G	1.60E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN H	8.40E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN H	2.20E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN I	5.60E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN I	2.10E+00 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN J	5.50E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN J	1.40E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN K	5.80E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN K	1.40E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN L	9.60E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN L	4.50E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN M	1.10E+00 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN M	2.00E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN N	1.10E+00 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN N	1.90E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN O	6.70E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN O	2.10E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN P	1.00E+00 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN P	1.30E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN Q	8.80E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN Q	2.30E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN R	6.60E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN R	3.10E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN S	2.00E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN S	1.60E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN T	3.20E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-01305	SVOC TICs	UNKNOWN T	5.10E-01 J 4.5-6.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN U	3.20E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN V	2.80E-01 J 0.5-2.5
20 SB-6 EA02-EP-20SB06-00501	SVOC TICs	UNKNOWN W	2.00E-01 J 0.5-2.5
20 SB-7 EA02-EP-20SB07-01301	VOC TICs	.ALPHA.-PINENE A	1.00E-02 4.5-6.5
20 SB-7 EA02-EP-20SB07-00501	VOC TICs	BENZENE, (2-METHYL-1-BUTENYL)- A	1.70E-02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-00501	VOC TICs	BENZENE, (3-METHYL-2-BUTENYL)- A	2.20E-02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-00501	VOC TICs	BENZENE, 1,2,3,4-TETRAMETHYL- A	2.00E-02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-00501	VOC TICs	BENZENE, 1-ETHYL-4-METHYL- A	1.80E-02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-00501	VOC TICs	BENZENE, 1-METHYL-4-(2-PROPENY A	2.10E-02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-01301	VOC TICs	CAMPHENE A	2.10E-02 4.5-6.5
20 SB-7 EA02-EP-20SB07-00501	VOC TICs	DODECANE A	2.60E-02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-01301	Pesticides	SULFUR, MOL. (S8) A	2.10E-01 NJ 4.5-6.5
20 SB-7 EA02-EP-20SB07-01301	Pesticides	SULFUR, MOL. (S8) B	9.00E-01 NJ 4.5-6.5
20 SB-7 EA02-EP-20SB07-00501	VOC TICs	TRIDECANE A	2.20E-02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-00501	VOC TICs	UNDECANE A	2.40E-02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN A	4.10E-01 J 0.5-2.5
20 SB-7 EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN A	4.90E-01 J 4.5-6.5
20 SB-7 EA02-EP-20SB07-00501	Pesticides	UNKNOWN B	1.80E+02 NJ 0.5-2.5
20 SB-7 EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN B	1.10E+00 J 4.5-6.5
20 SB-7 EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN C	5.10E-01 J 0.5-2.5
20 SB-7 EA02-EP-20SB07-01301	Pesticides	UNKNOWN C	1.60E+02 NJ 4.5-6.5
20 SB-7 EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN D	2.50E-01 J 0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN D	5.80E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN E	9.80E-02	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN E	2.60E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN F	9.30E-02	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN F	1.90E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN G	1.60E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN G	4.00E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN H	2.40E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN H	1.80E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN I	2.50E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN I	2.50E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN J	2.10E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN J	1.50E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN K	2.30E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN K	2.50E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN L	2.20E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN L	1.80E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN M	8.80E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN M	1.80E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN N	3.00E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN N	4.20E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN O	2.30E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN O	4.60E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN P	2.80E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN P	6.30E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN Q	1.30E-01	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN Q	1.80E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN R	2.40E-02	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN R	4.10E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN S	1.50E-02	J	0.5-2.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN S	8.20E-01	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-00501	SVOC TICs	UNKNOWN T	1.00E+00	J	4.5-6.5
20	SB-7	EA02-EP-20SB07-01301	SVOC TICs	UNKNOWN U	1.30E+00	J	4.5-6.5
20	SB-8	EA02-EP-20SB08-01601	SVOC TICs	UNKNOWN A	3.10E-01	J	6-8
20	SB-8	EA02-EP-20SB08-01601	Pesticides	UNKNOWN B	1.50E+02	NJ	6-8
20	SB-8	EA02-EP-20SB08-01601	SVOC TICs	UNKNOWN C	3.90E-01	J	6-8
20	SB-8	EA02-EP-20SB08-01601	SVOC TICs	UNKNOWN D	1.70E-01	J	6-8
20	SB-8	EA02-EP-20SB08-01601	SVOC TICs	UNKNOWN E	1.40E-01	J	6-8
20	SB-8	EA02-EP-20SB08-01601	SVOC TICs	UNKNOWN F	2.10E-01	J	6-8
20	SB-8	EA02-EP-20SB08-01601	SVOC TICs	UNKNOWN G	1.30E-01	J	6-8
20	SB-8	EA02-EP-20SB08-01601	SVOC TICs	UNKNOWN H	1.20E+00	J	6-8
20	SB-9	EA02-EP-20SB09-00501	VOC TICs	NAPHTHALENE A	3.30E-02	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	Pesticides	SULFUR, MOL. (SB) A	3.90E-01	NJ	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	Pesticides	SULFUR, MOL. (SB) B	7.00E-01	NJ	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	Pesticides	UNKNOWN A	2.20E+02	NJ	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN A	8.80E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN B	6.90E+00	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	Pesticides	UNKNOWN B	1.40E+02	NJ	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN C	8.70E+00	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN C	6.60E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN D	1.10E+01	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN D	4.80E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN E	9.10E+00	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN E	1.20E+00	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN F	1.60E+01	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN F	7.90E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN G	7.60E+00	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN G	4.20E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN H	1.00E+00	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN I	8.90E+00	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN I	1.50E+00	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN J	1.30E+01	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN J	1.90E+00	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN K	1.50E+01	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN K	5.80E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN L	2.70E+01	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN L	1.20E+00	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-00501	SVOC TICs	UNKNOWN M	9.50E+00	J	0.5-2.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN M	1.10E+00	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN N	1.90E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN O	2.70E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN P	3.90E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN Q	1.50E+00	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN R	1.50E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN S	2.00E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN T	4.10E-01	J	4.5-6.5
20	SB-9	EA02-EP-20SB09-01301	SVOC TICs	UNKNOWN U	9.60E-01	J	4.5-6.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	1-METHYLNAPHTHALENE A	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	Pesticides	CARBAZOLE A	4.00E-01	JN	2.5-4.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	DIMETHYLNAPHTHALENE A	4.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	DIMETHYLNAPHTHALENE B	4.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	DIMETHYLNAPHTHALENE C	5.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	DIMETHYLNAPHTHALENE ISOMER A	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	DIMETHYLNAPHTHALENE ISOMER B	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	DIMETHYLPHENANTHRENE A	6.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	DIMETHYLPHENANTHRENE A	7.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	METHYL-9H-FLUORENE ISOMER A	5.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	METHYLPHENANTHRENE A	1.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	METHYLPHENANTHRENE B	9.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN A	9.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN A	5.00E-01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN A	5.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-02101	SVOC TICs	UNKNOWN A	1.00E-01	J	8.5-10.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN B	7.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN B	6.00E-01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN B	9.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-02101	SVOC TICs	UNKNOWN B	3.00E-01	J	8.5-10.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN C	5.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN C	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN C	6.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-02101	SVOC TICs	UNKNOWN C	1.00E-01	J	8.5-10.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN D	8.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN D	4.00E-01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN D	5.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN E	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN E	4.00E-01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN F	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN F	8.00E-01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN G	4.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN G	1.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN H	8.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN H	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN I	6.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN I	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN AROMATIC A	5.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON A	9.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-02101	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	8.5-10.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON B	6.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-02101	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	8.5-10.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E+00	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-02101	SVOC TICs	UNKNOWN HYDROCARBON C	9.00E-02	J	8.5-10.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON D	5.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E+00	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON F	7.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON G	8.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON H	6.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN KETONE A	9.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	2.5-4.5
21	SB-1	EA01-RE-21SB01-02101	SVOC TICs	UNKNOWN KETONE A	1.00E+01	J	8.5-10.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN KETONE B	1.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN KETONE B	1.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH A	6.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH A	1.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN PAH A	1.00E+00	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH B	7.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH B	8.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN PAH B	5.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH C	5.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH C	2.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN PAH C	6.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH D	7.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH D	9.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00901	SVOC TICs	UNKNOWN PAH D	8.00E-01	J	2.5-4.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH E	8.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH E	1.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH F	7.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH F	9.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH G	5.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH G	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH H	8.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH H	4.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH I	1.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH I	4.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH J	1.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH J	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH K	1.00E+01	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH K	2.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH L	6.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH L	5.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00501	SVOC TICs	UNKNOWN PAH M	8.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH M	7.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH N	9.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH O	5.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH P	5.00E+00	J	0.5-2.5
21	SB-1	EA01-RE-21SB01-00502	SVOC TICs	UNKNOWN PAH Q	4.00E+00	J	0.5-2.5
21	SB-10	EA02-EP-21SB10-00901	Pesticides	SULFUR A	7.20E+00	NJ	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN A	8.60E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-01701	SVOC TICs	UNKNOWN A	1.40E+00	J	6.5-8.5
21	SB-10	EA02-EP-21SB10-00901	Pesticides	UNKNOWN B	2.40E+02	NJ	2.5-4.5
21	SB-10	EA02-EP-21SB10-01701	Pesticides	UNKNOWN B	2.50E+02	NJ	6.5-8.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN C	4.80E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-01701	SVOC TICs	UNKNOWN C	3.60E-01	J	6.5-8.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN D	2.40E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-01701	SVOC TICs	UNKNOWN D	1.10E-01	J	6.5-8.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN E	1.80E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-01701	SVOC TICs	UNKNOWN E	2.00E-01	J	6.5-8.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN F	1.90E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-01701	SVOC TICs	UNKNOWN F	8.80E-02	J	6.5-8.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN G	2.40E+00	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-01701	SVOC TICs	UNKNOWN G	1.60E-01	J	6.5-8.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN H	1.80E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN I	3.40E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN J	1.50E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN K	6.30E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN L	3.50E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN M	1.60E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN N	1.50E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN O	2.50E-01	J	2.5-4.5
21	SB-10	EA02-EP-21SB10-00901	SVOC TICs	UNKNOWN P	1.70E-01	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-00901	Pesticides	UNKNOWN A	1.30E+02	NJ	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	SVOC TICs	UNKNOWN A	1.20E+00	J	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN B	3.60E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	Pesticides	UNKNOWN B	2.30E+02	NJ	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN C	6.70E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	SVOC TICs	UNKNOWN C	3.30E-01	J	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN D	3.50E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	SVOC TICs	UNKNOWN D	9.90E-02	J	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN E	1.20E+01	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	SVOC TICs	UNKNOWN E	1.90E-01	J	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN F	6.00E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	SVOC TICs	UNKNOWN F	1.00E-01	J	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN G	6.50E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	SVOC TICs	UNKNOWN G	1.00E-01	J	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN H	7.50E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	SVOC TICs	UNKNOWN H	1.00E-01	J	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN I	4.50E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-01701	SVOC TICs	UNKNOWN I	1.70E-01	J	6.5-8.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN J	4.00E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN K	2.30E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN L	3.80E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN M	7.10E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN N	3.70E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN O	3.90E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN P	5.10E+00	J	2.5-4.5
21	SB-11	EA02-EP-21SB11-00901	SVOC TICs	UNKNOWN Q	2.90E+00	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	1,2,4-TRICHLORO BENZENE A	1.50E-02		2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	1,2,4-TRIMETHYLBENZENE B	1.10E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	1H-BENZIMIDAZOLE, 2-ETHYL- A	2.40E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	1H-INDENE, 2,3-DIHYDRO-1,2-DIM A	1.10E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	1H-INDENE, 2,3-DIHYDRO-1,6-DIM A	1.50E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	1H-INDENE, 2,3-DIHYDRO-4,7-DIM A	1.40E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	1H-INDENE, 2,3-DIHYDRO-4,7-DIM B	1.10E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	BENZENE, (1-METHYL-2-CYCLOPROP A	9.00E-03	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	BENZENE, (1-METHYL-2-CYCLOPROP B	1.50E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	BENZENE, (2-METHYL-1-PROPENYL) A	9.90E-03	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	BENZENE, 1-METHYL-2-(2-PROPENY A	2.00E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	BENZENE, 1-PROPENYL- A	1.90E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	BENZENE, 2-PROPENYL- A	1.10E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	BENZENE, 4-ETHYL-1,2-DIMETHYL- A	8.70E-03	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	BENZOFURAN, 7-METHYL- A	2.20E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	Pesticides	BIPHENYL A	1.90E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	INDAN, 1-METHYL- A	1.10E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	NAPHTHALENE A	1.50E-01		2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	NAPHTHALENE, 2-METHYL- A	1.60E-01	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	NAPHTHALENE, 2-METHYL- B	1.20E-01	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-00901	VOC TICs	TETRADECANE A	1.60E-02	NJ	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN A	1.70E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN B	1.10E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN B	6.50E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN C	1.30E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	Pesticides	UNKNOWN C	9.40E+01	NJ	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN D	1.10E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN D	1.70E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN E	9.50E+00	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN E	1.50E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN F	1.80E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN F	9.80E-02	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN G	9.30E+00	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN G	1.40E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN H	2.60E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN I	9.40E+00	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN I	9.80E-02	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN J	1.80E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN J	3.40E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN K	1.20E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN L	1.50E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN L	1.10E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN M	1.10E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN M	9.40E-02	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN N	1.70E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN N	8.80E-02	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN O	1.10E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN O	9.80E-02	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN P	3.50E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN P	8.80E-02	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN Q	9.90E+00	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN Q	1.30E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN R	1.30E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN R	1.90E-01	J	6.5-8.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN S	9.50E+00	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN S	1.30E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN T	5.70E+00	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN T	2.20E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN U	1.10E+01	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN U	1.90E-01	J	6.5-8.5
21	SB-12	EA02-EP-21SB12-00901	SVOC TICs	UNKNOWN V	5.90E+00	J	2.5-4.5
21	SB-12	EA02-EP-21SB12-01701	SVOC TICs	UNKNOWN V	2.40E-01	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	Pesticides	SULFUR, MOL. (S8) A	4.30E-01	NJ	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN A	3.00E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	SVOC TICs	UNKNOWN A	3.90E-01	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN B	8.50E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	SVOC TICs	UNKNOWN B	2.50E-01	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	Pesticides	UNKNOWN C	1.30E+02	NJ	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	SVOC TICs	UNKNOWN C	1.20E+00	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN D	1.70E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	Pesticides	UNKNOWN D	1.70E+02	NJ	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN E	2.20E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	SVOC TICs	UNKNOWN E	3.40E-01	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN F	4.70E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	SVOC TICs	UNKNOWN F	8.50E-02	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN G	2.10E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	SVOC TICs	UNKNOWN G	8.80E-02	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN H	2.40E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	SVOC TICs	UNKNOWN H	1.40E-01	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN I	6.90E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-01705	SVOC TICs	UNKNOWN I	2.10E-01	J	6.5-8.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN J	2.60E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN K	5.40E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN L	2.60E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN M	2.00E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN N	1.60E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN O	2.20E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN P	2.70E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN Q	2.30E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN R	3.10E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN S	2.10E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN T	1.50E-01	J	2.5-4.5
21	SB-13	EA02-EP-21SB13-00901	SVOC TICs	UNKNOWN U	2.70E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-00901	Pesticides	UNKNOWN A	2.60E+02	NJ	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN A	2.10E+01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN B	7.70E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN B	5.60E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN C	4.00E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN C	6.40E+00	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN D	5.50E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN D	1.10E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN E	3.90E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN E	2.60E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN F	3.40E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	Pesticides	UNKNOWN F	5.90E+01	NJ	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN G	1.30E+00	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN G	4.20E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN H	6.70E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN H	1.80E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN I	5.50E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN I	1.10E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN J	4.50E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN J	1.10E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN K	9.30E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN K	4.10E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN L	4.70E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN L	1.20E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN M	5.10E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN M	1.70E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN N	7.00E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN N	7.00E+00	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN O	1.00E+00	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN O	2.20E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN P	2.80E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN P	2.50E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN Q	3.10E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN Q	2.20E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN R	2.80E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN R	2.10E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN S	1.70E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN S	3.10E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN T	2.50E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-01701	SVOC TICs	UNKNOWN T	2.00E-01	J	6.5-8.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN U	2.40E-01	J	2.5-4.5
21	SB-14	EA02-EP-21SB14-00901	SVOC TICs	UNKNOWN V	7.30E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	Pesticides	DIPHENYL ETHER A	1.90E+00	NJ	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	VOC TICs	NAPHTHALENE A	1.50E-02	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	Pesticides	SULFUR, MOL. (S8) A	8.70E-01	NJ	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN A	4.10E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-01701	SVOC TICs	UNKNOWN A	6.60E-01	J	6.5-8.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN B	6.30E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-01701	SVOC TICs	UNKNOWN B	1.90E-01	J	6.5-8.5
21	SB-15	EA02-EP-21SB15-00901	Pesticides	UNKNOWN C	1.30E+02	NJ	2.5-4.5
21	SB-15	EA02-EP-21SB15-01701	SVOC TICs	UNKNOWN C	9.10E-01	J	6.5-8.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN D	4.00E-01	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
21	SB-15	EA02-EP-21SB15-01701	Pesticides	UNKNOWN D	1.60E+02	NJ	6.5-8.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN E	5.30E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-01701	SVOC TICs	UNKNOWN E	2.50E-01	J	6.5-8.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN F	3.50E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-01701	SVOC TICs	UNKNOWN F	2.50E-01	J	6.5-8.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN G	1.10E+00	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-01701	SVOC TICs	UNKNOWN G	2.20E-01	J	6.5-8.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN H	3.50E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-01701	SVOC TICs	UNKNOWN H	1.20E-01	J	6.5-8.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN I	5.60E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN J	8.60E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN K	5.20E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN L	7.10E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	SVOC TICs	UNKNOWN M	5.20E-01	J	2.5-4.5
21	SB-15	EA02-EP-21SB15-00901	VOC TICs	UNKNOWN N	8.90E-03		2.5-4.5
21	SB-16	EA02-EP-21SB16-00901	VOC TICs	BUTYLATED HYDROXYTOLUENE A	3.80E-01		2.5-4.5
21	SB-16	EA02-EP-21SB16-00901	VOC TICs	DECANE A	5.40E-01		2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	VOC TICs	NAPHTHALENE, 1-METHYL- A	4.60E-01		6.5-8.5
21	SB-16	EA02-EP-21SB16-01701	VOC TICs	NAPHTHALENE, 2-METHYL- A	4.20E-01		6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	Pesticides	SULFUR, MOL. (S8) A	1.00E-01	NJ	2.5-4.5
21	SB-16	EA02-EP-21SB16-00901	VOC TICs	UNDECANE A	5.00E-01		2.5-4.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN A	4.80E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN A	9.60E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN B	3.60E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	Pesticides	UNKNOWN B	1.70E+02	NJ	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	Pesticides	UNKNOWN C	1.90E+02	NJ	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN C	6.90E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN D	3.00E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN D	4.20E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN E	1.90E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN E	4.20E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN F	1.80E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN F	5.50E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN G	1.50E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN G	4.10E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN H	1.70E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN H	4.50E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN I	2.40E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN I	3.40E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN J	1.10E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN J	2.00E+00	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN K	1.80E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN K	3.10E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN L	2.40E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN L	2.40E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN M	1.40E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN M	9.70E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN N	1.30E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN N	4.90E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN O	1.00E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN O	5.00E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN P	2.90E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN P	2.10E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN Q	8.20E-02	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN Q	3.30E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN R	8.60E-02	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN R	5.40E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN S	3.40E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN S	3.80E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-00901	SVOC TICs	UNKNOWN T	2.80E-01	J	2.5-4.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN T	5.20E-01	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN U	5.20E+00	J	6.5-8.5
21	SB-16	EA02-EP-21SB16-01701	SVOC TICs	UNKNOWN V	1.30E+00	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN A	2.10E-01	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN B	9.20E-02	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN C	5.20E-01	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	Pesticides	UNKNOWN D	9.70E+01	NJ	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN E	1.50E-01	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN F	1.20E-01	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN G	1.10E-01	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN H	8.60E-02	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN I	2.30E-01	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN J	9.80E-02	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN K	9.20E-02	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN L	7.60E-02	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN M	7.80E-02	J	6.5-8.5
21	SB-17	EA02-EP-21SB17-01701	SVOC TICs	UNKNOWN N	7.60E-02	J	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	SVOC TICs	UNKNOWN A	8.60E-01	J	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	SVOC TICs	UNKNOWN B	2.60E+00	J	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	Pesticides	UNKNOWN C	9.40E+01	NJ	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	SVOC TICs	UNKNOWN D	6.80E-01	J	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	SVOC TICs	UNKNOWN E	1.30E-01	J	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	SVOC TICs	UNKNOWN F	2.80E-01	J	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	SVOC TICs	UNKNOWN G	1.00E-01	J	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	SVOC TICs	UNKNOWN H	8.30E-02	J	6.5-8.5
21	SB-18	EA02-EP-21SB18-01701	SVOC TICs	UNKNOWN I	7.70E-02	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	BUTYL-NAPHTHALENE ISOMER A	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	BUTYL-NAPHTHALENE ISOMER B	2.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	DIMETHYLNAPHTHALENE A	1.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	2.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	DIMETHYLNAPHTHALENE B	2.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	DIMETHYLNAPHTHALENE C	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	DIMETHYLPHENANTHRENE A	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	HYDROCARBON (C13H28) A	2.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	METHYLPHENANTHRENE A	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	TRIMETHYLNAPHTHALENE A	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	TRIMETHYLNAPHTHALENE B	4.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN A	1.00E+00	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN A	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN A	3.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN A	3.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN B	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN B	8.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN B	1.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN C	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN C	1.00E+00	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN C	1.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN D	2.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN D	3.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN E	2.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN ESTER A	2.00E-01	JB	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON A	8.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON C	5.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON D	5.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON D	7.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON E	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON E	3.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON E	2.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON G	4.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON H	2.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON H	4.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON H	3.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON I	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON I	8.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON I	3.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON J	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN HYDROCARBON J	4.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON J	2.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON K	2.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON L	2.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON M	2.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON N	3.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON O	2.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON P	3.00E+00	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN HYDROCARBON Q	3.00E-01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON + AROM. A	3.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN KETONE A	4.00E+00	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-01705	SVOC TICs	UNKNOWN KETONE A	1.00E+01	J	6.5-8.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN NAPHTHALENE A	2.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN PAH A	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN PAH A	8.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN PAH B	6.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00901	SVOC TICs	UNKNOWN PAH B	1.00E-01	J	2.5-4.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN PAH C	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN PAH D	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN PAH E	1.00E-01	J	0.5-2.5
21	SB-2	EA01-RE-21SB02-00501	SVOC TICs	UNKNOWN PHTHALATE A	1.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	Pesticides	2-CHLOROPHENOL A	2.00E-02	JN	2.5-4.5
21	SB-8	EA01-RE-21SB08-01301	SVOC TICs	2-CHLOROPHENOL A	2.00E-02	J	4.5-6.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	BROMOPHENOL A	1.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	DOCOSANE A	2.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	PHENYLPROPANEDIOIC ACID A	4.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	PROPANOIC ACID ESTER A	1.00E-01	JB	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	SUBST. BENZENE A	2.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-01301	SVOC TICs	SUBST. PENTENE A	1.00E-01	JB	4.5-6.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	SUBST. PROPANOIC ACID A	2.00E-01	JB	0.5-2.5
21	SB-8	EA01-RE-21SB08-01301	SVOC TICs	SUBST. PROPANOIC ACID A	3.00E-01	JB	4.5-6.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN A	2.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN A	2.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN B	2.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN B	2.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN C	4.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN C	2.00E-01	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN D	4.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN D	3.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN E	2.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN E	2.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN F	9.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN F	1.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN G	5.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN G	1.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN H	6.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN H	5.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN I	4.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN I	2.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN J	5.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN J	4.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN K	3.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN K	2.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN L	3.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN L	1.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN ACID A	3.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	4.5-6.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON B	6.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON B	9.00E-02	J	4.5-6.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+00	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-01	J	2.5-4.5
21	SB-8	EA01-RE-21SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	4.5-6.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON D	3.00E-01	J	0.5-2.5
21	SB-8	EA01-RE-21SB08-00501	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	0.5-2.5
21	SB-8	EA01-RE-21SB08-00901	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	2.5-4.5
21	SB-8	EA01-RE-21SB08-01301	SVOC TICs	UNKNOWN KETONE A	9.00E+00	JB	4.5-6.5
21	SB-8	EA01-RE-21SB08-01301	SVOC TICs	UNKNOWN PHTHALATE A	1.00E-01	J	4.5-6.5
22	SB-1	EA01-RE-22SB01-00501	SVOC TICs	AROMATIC HYDROCARBON C20H12 A	2.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00501	SVOC TICs	UNKNOWN A	1.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN A	1.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00501	SVOC TICs	UNKNOWN B	1.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN B	4.00E+00	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00501	SVOC TICs	UNKNOWN C	8.00E-02	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN C	6.00E-02	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00501	SVOC TICs	UNKNOWN D	1.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN D	6.00E-02	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN F	2.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN G	5.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON B	9.00E-02	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C14H12 A	1.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	9.00E-02	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	2.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C15H12 B	3.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C16H12 A	2.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	9.00E-02	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	3.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C17H12 B	4.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C18H14 A	5.00E-02	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C20H12 A	5.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C20H12 B	4.00E-01	J	0.5-2.5
22	SB-1	EA01-RE-22SB01-00501	SVOC TICs	UNKNOWN KETONE A	4.00E+00	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	1,2-DICHLOROBENZENE A	1.00E+01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	1,3-DICHLOROBENZENE A	2.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	1,4-DICHLOROBENZENE A	4.00E+01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	1-METHYLNAPHTHALENE C11H10 A	3.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	BENZOQUINOLINE A	3.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	DICHLOROBENZENE A	1.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	DICHLOROBENZENE B	7.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	DICHLOROBENZENE C	7.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	DIMETHYLNAPHTHALENE A	6.00E-01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	5.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	DIMETHYLNAPHTHALENE C	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	5.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 C	4.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	DIMETHYLPYRIDINE A	1.00E+01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	DIMETHYLPYRIDINE B	3.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	DIMETHYLPYRIDINE C	3.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	DIMETHYLQUINOLINE A	3.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	METHYLQUINOLINE A	2.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	METHYLQUINOLINE B	1.00E+01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	SUBST. BENZENE C15H16 A	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	SUBST. PYRIDINE C7H9N A	3.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	SUBST. PYRIDINE C7H9N B	2.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	SUBST. PYRIDINE C8H11N A	6.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	SUBST. PYRIDINE C8H11N B	1.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	SUBST. PYRIDINE C8H11N C	2.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	SUBST. PYRIDINE C8H11N D	3.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	TETRACHLOROBENZENE A	2.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	TETRACHLOROBENZENE B	2.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	TETRACHLOROTHIOPHENE A	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	TETRACHLOROTHIOPHENE A	3.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	TRIMETHYLNAPHTHALENE A	3.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample	SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14	A	3.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14	B	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	TRIMETHYLPYRIDINE C8H11N	A	3.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	TRIMETHYLPYRIDINE C8H11N	B	6.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	TRIMETHYLPYRIDINE C8H11N	C	1.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	TRIMETHYLPYRIDINE C8H11N	D	2.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	TRIMETHYLPYRIDINE C8H11N	E	4.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	TRIMETHYLPYRIDINE ISOMER	A	3.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	TRIMETHYLPYRIDINE ISOMER	B	5.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	TRIMETHYLPYRIDINE ISOMER	C	7.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	TRIMETHYLPYRIDINE ISOMER	D	6.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	TRIMETHYLPYRIDINE ISOMER	E	4.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	TRIMETHYLPYRIDINE ISOMER	F	7.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN	A	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN	A	6.00E-01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN	A	4.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN	B	3.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN	B	4.00E-01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN	B	8.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN	C	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN	C	1.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN	C	7.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN	D	3.00E+00	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN	D	5.00E-01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN	D	7.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN	E	5.00E-01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN	E	4.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN ACID	A	3.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN ADIPATE	A	3.00E+01	JB	6.5-8.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN C10H9N	A	2.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN C10H9N	B	5.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN C11H11N	A	4.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN C11H11N	B	1.00E+00	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN C12H4CL6	A	3.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN C12H4CL6	B	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN C13H9N	A	5.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN C9H11N	A	3.00E-01	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-02101	SVOC TICs	UNKNOWN CHLORINATED COMPOUND	A	9.00E-02	J	8.5-10.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON	A	4.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN HYDROCARBON	A	1.00E+00	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON	B	4.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON	C	1.00E+00	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON	D	7.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON	E	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C11H10	A	3.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C12H12	A	4.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12	A	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12	B	2.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H14	A	5.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H34	A	3.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H34	B	5.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H34	C	5.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12	A	5.00E-01	J	0.5-2.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN KETONE	A	1.00E+01	JB	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN PAH	A	4.00E-01	J	6.5-8.5
22	SB-10	EA01-RE-22SB10-01701	SVOC TICs	UNKNOWN PAH	B	1.00E+00	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	BENZOQUINOLINE	A	4.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	DICHLOROBENZENE	A	1.00E+00	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	DICHLOROBENZENE	B	5.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	DIMETHYLNAPHTHALENE	A	9.00E-01	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	DIMETHYLNAPHTHALENE	B	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	DIMETHYLPHENANTHRENE	A	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	DIMETHYLPHENANTHRENE	B	8.00E-01	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	DIMETHYLPYRIDINE	A	3.00E+00	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	DIMETHYLPYRIDINE	B	4.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	DIMETHYLPYRIDINE	C	1.00E+00	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	ETHYLPYRIDINE	A	1.00E+00	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	HYDROCARBON (C11H24)	A	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	HYDROCARBON (C15H32)	A	7.00E-01	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	HYDROCARBON (C15H32)	A	2.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	HYDROCARBON (C16H34)	A	2.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	HYDROCARBON (C20H42)	A	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	HYDROCARBON (C20H42)	B	2.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	METHYLPHENANTHRENE	A	7.00E-01	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	METHYLQUINOLINE	A	9.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	PHENYLNAPHTHALENE	A	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	TRIMETHYLNAPHTHALENE	A	7.00E-01	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	TRIMETHYLPYRIDINE	A	6.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	TRIMETHYLPYRIDINE	B	1.00E+00	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	UNKNOWN	A	9.00E-01	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN	A	4.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	UNKNOWN	B	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN	B	3.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	UNKNOWN	C	8.00E-01	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN	C	5.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN	D	2.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN ACID	A	2.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN ESTER	A	3.00E-01	JB	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	UNKNOWN HYDROCARBON	A	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON	A	5.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON	A	2.00E-01	J	6.5-8.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON B	9.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+00	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON C	8.00E-02	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E+00	J	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON D	3.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN HYDROCARBON E	4.00E-01	J	6.5-8.5
22	SB-11	EA01-RE-22SB11-00501	SVOC TICs	UNKNOWN KETONE A	2.00E+01	JB	0.5-2.5
22	SB-11	EA01-RE-22SB11-01701	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	6.5-8.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	1-METHYLNAPHTHALENE A	2.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	BENZOFLUORENE ISOMER A	1.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	BENZOQUINOLINE A	8.00E-01	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	BUTYL-PYRIDINE A	7.00E-01	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	BUTYL-PYRIDINE A	2.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	BUTYL-PYRIDINE B	1.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	DICHLOROBENZENE A	1.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	DICHLOROBENZENE A	5.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	DICHLOROBENZENE B	3.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	DICHLOROBENZENE B	1.00E+00	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	2.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	1.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE C	7.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE D	9.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	DIMETHYLNAPHTHALENE + HYDROC A	7.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	DIMETHYLPHENANTHRENE A	9.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	DIMETHYLPHENOL A	7.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	DIMETHYLPYRIDINE A	1.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	DIMETHYLPYRIDINE B	1.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	DIMETHYLPYRIDINE C	4.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	DIMETHYLQUINOLINE A	7.00E-01	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	DIMETHYLQUINOLINE A	1.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	DIMETHYLQUINOLINE B	1.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	DIMETHYLQUINOLINE C	1.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	FLUORENE ISOMER A	9.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	HYDROCARBON (C15H32) A	8.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	HYDROCARBON (C19H40) A	9.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	HYDROCARBON (C19H40) B	1.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	HYDROCARBON (C21H44) A	8.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	METHYLDIBENZOFURAN A	1.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	METHYLDIBENZOFURAN B	2.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	METHYLPHENANTHRENE A	7.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	METHYLPHENANTHRENE B	8.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	METHYLQUINOLINE A	3.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	METHYLQUINOLINE B	4.00E-01	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	METHYLQUINOLINE C	4.00E-01	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	PHENYLNAPHTHALENE A	9.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	SUBST. BENZENE A	3.00E-02	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	SUBST. BENZENE A	8.00E-02	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	SUBST. BENZENE B	7.00E-02	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	TETRACHLOROTHIOPHENE A	7.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	TRIMETHYLNAPHTHALENE A	7.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	TRIMETHYLNAPHTHALENE B	1.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	TRIMETHYLPYRIDINE A	3.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	TRIMETHYLPYRIDINE A	2.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	TRIMETHYLPYRIDINE B	9.00E-01	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	TRIMETHYLPYRIDINE B	1.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	TRIMETHYLPYRIDINE C	3.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	TRIMETHYLPYRIDINE C	1.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	TRIMETHYLPYRIDINE D	2.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	UNKNOWN A	1.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	UNKNOWN A	2.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	UNKNOWN A	8.00E-02	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	UNKNOWN B	1.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	UNKNOWN C	7.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	UNKNOWN AMINE A	5.00E-01	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	9.00E-01	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	1.00E+00	J	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	UNKNOWN ESTER A	1.00E-01	JB	6.5-8.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+00	J	0.5-2.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E-01	J	6.5-8.5
22	SB-12	EA01-RE-22SB12-00501	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	0.5-2.5
22	SB-12	EA01-RE-22SB12-01301	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	4.5-6.5
22	SB-12	EA01-RE-22SB12-01701	SVOC TICs	UNKNOWN KETONE A	9.00E+00	JB	6.5-8.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	8.00E-02	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	ETHYL CYCLOPENTANE A	6.00E-03	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN A	6.00E+00	JB	0.5-2.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN A	2.00E+00	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN A	5.00E-01	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN A	3.00E-01	J	8.5-10.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN B	2.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN B	6.00E+00	JB	4.5-6.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN B	9.00E-02	JB	8.5-10.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN C	1.00E-01	JB	0.5-2.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN C	4.00E-01	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN C	5.00E+00	JB	8.5-10.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN D	1.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN D	1.00E-01	JB	4.5-6.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN D	1.00E-01	JB	8.5-10.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN E	1.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN E	1.00E-01	J	8.5-10.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN F	8.00E-02	J	8.5-10.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN DICHLOROBENZENE A	7.00E-03	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN DICHLOROBENZENE A	6.00E-02	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN DICHLOROBENZENE A	2.00E-01	J	8.5-10.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN DICHLOROBENZENE B	2.00E-02	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN DICHLOROBENZENE B	1.00E-01	J	8.5-10.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN DICHLOROBENZENE C	5.00E-02	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN HYDROCARBON A	5.00E-02	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-02101	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	8.5-10.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON D	8.00E-02	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON G	1.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON I	2.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON J	9.00E-02	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-00501	SVOC TICs	UNKNOWN HYDROCARBON K	1.00E-01	J	0.5-2.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	9.00E-02	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN HYDROCARBON C20H12 A	3.00E-01	J	4.5-6.5
22	SB-13	EA01-RE-22SB13-01301	SVOC TICs	UNKNOWN KETONE A	1.00E+00	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 C	5.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 D	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	DIMETHYLPHENANTHRENE A	2.00E+00	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	SUBST. NAPHTHALENE C12H12 A	4.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	SUBST. NAPHTHALENE C12H12 B	3.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	SUBST. NAPHTHALENE C13H14 A	3.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	TRIMETHYLNAPHTHALENE A	2.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	TRIMETHYLNAPHTHALENE B	6.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 A	5.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 B	8.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN A	3.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN A	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN A	7.00E-03	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN B	5.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN B	4.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN C	2.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN C	2.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN D	4.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN D	6.00E+00	JB	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN E	4.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN E	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN F	4.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN G	3.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN C11H10 A	4.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN C14H12 A	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN C14H12 B	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN DICHLOROBENZENE A	2.00E-02	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON A	4.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E+00	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON D	3.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON E	4.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON E	8.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON F	3.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON F	6.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON G	3.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON H	3.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-00501	SVOC TICs	UNKNOWN HYDROCARBON I	2.00E-01	J	0.5-2.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	1.00E+00	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON C15H12 B	2.00E-01	J	4.5-6.5
22	SB-14	EA01-RE-22SB14-01301	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	5.00E-01	J	4.5-6.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	4.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	6.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 C	5.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	DIMETHYLPHENANTHRENE A	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	DIMETHYLPHENANTHRENE C16H14 A	5.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 A	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN A	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN A	4.00E+00	JB	2.5-4.5
22	SB-15	EA01-RE-22SB15-02101	SVOC TICs	UNKNOWN A	1.00E-01	JB	8.5-10.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN B	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN B	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-02101	SVOC TICs	UNKNOWN B	8.00E-02	J	8.5-10.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN C	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN C	1.00E-01	JB	2.5-4.5
22	SB-15	EA01-RE-22SB15-02101	SVOC TICs	UNKNOWN C	7.00E+00	JB	8.5-10.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN D	7.00E+00	JB	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN D	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN E	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN F	2.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN F	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN G	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN G	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN H	2.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN C11H10 A	5.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN DICHLOROBENZENE A	7.00E-03	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-02101	SVOC TICs	UNKNOWN DICHLOROBENZENE A	9.00E-02	J	8.5-10.5
22	SB-15	EA01-RE-22SB15-02101	SVOC TICs	UNKNOWN DICHLOROBENZENE B	3.00E-01	J	8.5-10.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON A	4.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-02101	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	8.5-10.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON C	5.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E+00	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON E	4.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON F	3.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON I	1.00E-01	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00901	SVOC TICs	UNKNOWN HYDROCARBON J	9.00E-02	J	2.5-4.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON C13H28 A	7.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	7.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 B	9.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 C	9.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H14 A	7.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	4.00E-01	J	0.5-2.5
22	SB-15	EA01-RE-22SB15-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 B	7.00E-01	J	0.5-2.5
22	SB-16	EA02-EP-22SB16-00901	VOC TICs	1,2,3-TRICHLOROBENZENE A	3.70E-01		2.5-4.5
22	SB-16	EA02-EP-22SB16-00901	VOC TICs	1,2,4-TRICHLOROBENZENE A	6.60E-01		2.5-4.5
22	SB-16	EA02-EP-22SB16-00901	VOC TICs	1,2-DICHLOROBENZENE A	7.90E-01		2.5-4.5
22	SB-16	EA02-EP-22SB16-00901	VOC TICs	1,4-DICHLOROBENZENE A	5.70E-01		2.5-4.5
22	SB-16	EA02-EP-22SB16-00901	VOC TICs	NAPHTHALENE A	7.60E-01		2.5-4.5
22	SB-16	EA02-EP-22SB16-00901	Pesticides	SULFUR, MOL. (S8) A	5.80E-01	NJ	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	Pesticides	SULFUR, MOL. (S8) A	3.70E+00	NJ	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	Pesticides	UNKNOWN A	4.20E+01	NJ	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	Pesticides	UNKNOWN A	5.80E+01	NJ	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN B	2.50E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN B	6.50E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN C	3.20E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN C	8.30E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN D	2.00E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN D	5.30E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN E	4.30E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN E	6.30E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN F	1.90E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN F	7.70E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN G	3.00E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN G	1.80E+00	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN H	2.40E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN H	8.40E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN I	2.20E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN I	6.60E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN J	8.20E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN J	1.10E+00	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN K	6.30E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN K	6.00E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN L	8.80E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN L	1.00E+00	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN M	4.90E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN M	8.90E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN N	6.70E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN N	5.60E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN O	5.10E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN O	6.60E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN P	6.60E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN P	9.50E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN Q	6.30E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN Q	6.60E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN R	6.30E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN R	6.80E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN S	6.10E-01	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN S	3.90E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN T	1.10E+00	J	2.5-4.5
22	SB-16	EA02-EP-22SB16-02101	SVOC TICs	UNKNOWN T	4.70E-01	J	8.5-10.5
22	SB-16	EA02-EP-22SB16-00901	SVOC TICs	UNKNOWN U	1.10E+00	J	2.5-4.5
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN A	7.90E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN A	7.60E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	Pesticides	UNKNOWN B	4.50E+01	NJ	14-16
22	SB-17	EA02-EP-22SB17-03202	Pesticides	UNKNOWN B	4.60E+01	NJ	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN C	4.30E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN C	2.00E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN D	4.50E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN D	2.10E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN E	5.10E-01	J	14-16

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN E	4.00E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN F	7.30E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN F	3.80E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN G	4.50E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN G	2.10E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN H	1.70E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN H	2.40E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN I	7.60E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN I	4.30E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN J	2.10E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN J	6.30E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN K	2.50E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN K	4.10E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN L	3.00E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN L	4.10E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN M	5.30E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN M	1.90E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN N	4.60E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN N	1.60E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN O	2.30E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN O	6.70E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN P	2.70E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN P	2.10E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN Q	2.00E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN Q	2.30E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN R	3.00E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN R	1.70E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN S	1.90E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN S	2.80E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03201	SVOC TICs	UNKNOWN T	1.80E-01	J	14-16
22	SB-17	EA02-EP-22SB17-03202	SVOC TICs	UNKNOWN T	1.50E-01	J	14-16
22	SB-18	EA02-EP-22SB18-03001	VOC TICs	1,4-DICHLOROBENZENE A	1.10E+01		13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN A	9.20E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN AA	3.70E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN AB	8.20E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN AC	3.80E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN AD	7.00E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN AE	4.00E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN AF	4.90E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN AG	6.00E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN AH	4.70E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN B	8.10E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN C	8.30E+01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN D	2.40E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN E	5.20E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN F	2.90E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN G	3.00E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN H	7.20E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN I	3.80E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN J	1.60E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN K	2.60E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN L	2.00E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN M	1.40E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN N	3.40E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN O	4.40E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN P	2.60E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN Q	2.60E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN R	2.10E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN S	2.00E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN T	3.20E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN U	3.70E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	Pesticides	UNKNOWN V	5.00E+01	NJ	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN W	2.70E+00	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN X	5.30E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN Y	7.90E-01	J	13-15
22	SB-18	EA02-EP-22SB18-03001	SVOC TICs	UNKNOWN Z	5.10E-01	J	13-15
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN A	1.60E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN A	1.90E+00	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN B	1.80E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN B	2.00E+00	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	Pesticides	UNKNOWN C	1.70E+02	NJ	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	Pesticides	UNKNOWN C	1.20E+02	NJ	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN D	1.40E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN D	5.60E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN E	1.00E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN E	2.90E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN F	9.60E-01	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN F	3.30E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN G	7.50E-01	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN G	3.60E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN H	1.00E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN H	2.10E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN I	1.20E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN I	2.10E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN J	1.50E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN J	4.30E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN K	1.10E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN K	3.30E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN L	1.70E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN L	1.40E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN M	1.30E+00	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN M	1.90E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN N	1.50E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN N	1.50E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN O	1.30E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN O	1.40E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN P	4.20E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN P	2.50E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN Q	1.50E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN Q	2.90E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN R	1.60E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN R	1.60E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN S	1.20E+00	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN S	1.90E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN T	4.50E-01	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN T	1.50E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN U	4.40E-01	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN U	1.90E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN V	4.10E-01	J	2.5-4.5
22	SB-19	EA02-EP-22SB19-02101	SVOC TICs	UNKNOWN V	1.70E-01	J	8.5-10.5
22	SB-19	EA02-EP-22SB19-00901	SVOC TICs	UNKNOWN W	5.70E-01	J	2.5-4.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	1-METHYLNAPHTHALENE A	1.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	AROCLOL 1254 A	4.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	HEPTACHLOROBIPHENYL C12H3CL7 A	3.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	HEPTACHLOROBIPHENYL C12H3CL7 B	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	HEPTACHLOROBIPHENYL C12H3CL7 C	4.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	HEXACHLOROBIPHENYL C12H4CL6 A	6.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	HEXACHLOROBIPHENYL C12H4CL6 B	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	HEXACHLOROBIPHENYL C12H4CL6 C	7.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	HEXACHLOROBIPHENYL C12H4CL6 D	5.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	HEXACHLOROBIPHENYL C12H4CL6 E	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	PENTACHLOROBIPHENYL (C12H5CL5) A	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	SUBST. BENZENE C6H2CL4 A	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN A	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN B	1.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN C	1.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN D	1.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN E	1.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN C12H5CL15 A	9.00E-01	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN C12H5CL15 B	1.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON B	3.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON C12H12 A	1.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON C12H12 B	9.00E-01	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON C12H12 C	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON C13H14 A	1.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON C13H14 B	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	2.00E+00	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN HYDROCARBON C16H14 A	9.00E-01	J	0.5-2.5
22	SB-2	EA01-RE-22SB02-00505	SVOC TICs	UNKNOWN KETONE A	4.00E+00	J	0.5-2.5
22	SB-20	EA02-EP-22SB20-02101	Pesticides	SULFUR, MOL. (S8) A	5.20E+00	NJ	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	Pesticides	UNKNOWN A	1.80E+02	NJ	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN A	2.00E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN A	1.50E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN B	1.10E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN B	3.60E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN B	4.50E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN C	1.10E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	Pesticides	UNKNOWN C	1.60E+02	NJ	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN C	1.70E+00	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN D	8.10E-01	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN D	1.80E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN D	1.40E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN E	7.80E-01	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN E	1.70E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN E	1.50E+00	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN F	1.10E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN F	2.70E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	Pesticides	UNKNOWN F	9.90E+01	NJ	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN G	3.50E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN G	3.00E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN G	4.50E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN H	1.50E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN H	2.20E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN H	1.10E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN I	1.70E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN I	2.60E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN I	2.20E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN J	1.70E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN J	2.90E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN J	1.30E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN K	1.90E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN K	6.60E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN K	1.70E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN L	1.70E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN L	2.20E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN L	1.40E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN M	1.50E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN M	4.10E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN M	4.20E-01	J	8.5-10.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN N	1.20E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN N	3.30E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN N	9.60E-02	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN O	2.50E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN O	2.20E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN O	2.40E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN P	3.30E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN P	2.70E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN P	8.10E-02	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN Q	2.10E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN Q	2.00E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN Q	1.10E-01	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN R	3.50E-01	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN R	2.00E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-02101	SVOC TICs	UNKNOWN R	7.90E-02	J	8.5-10.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN S	7.90E-01	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN S	2.20E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN T	4.00E-01	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN T	3.50E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN U	7.90E-01	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN U	3.20E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN V	4.80E-01	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN V	2.00E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00901	SVOC TICs	UNKNOWN W	4.10E-01	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00902	SVOC TICs	UNKNOWN W	3.90E+00	J	2.5-4.5
22	SB-20	EA02-EP-22SB20-00901	VOC TICs	UNKNOWN X	5.00E-01	J	2.5-4.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	1-METHYLNAPHTHALENE C11H10 A	3.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	AROMATIC HYDROCARBON A	2.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	AROMATIC HYDROCARBON B	8.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	DIMETHYLNAPHTHALENE A	2.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	DIMETHYLNAPHTHALENE B	1.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	DIMETHYLNAPHTHALENE C	2.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	DIMETHYLNAPHTHALENE D	3.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	1.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	8.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 C	1.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 D	2.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	METHYLFLUORENE A	8.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	METHYLNAPHTHALENE A	3.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	SUBST. BENZENE A	1.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	SUBST. CYCLIC HYDROCARBON A	1.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	SUBST. NAPHTHALENE A	3.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	TRIMETHYLNAPHTHALENE A	8.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	TRIMETHYLNAPHTHALENE B	2.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 A	9.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 B	1.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN A	1.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN A	1.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN B	8.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN B	1.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN C	1.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN C	2.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN D	6.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN D	6.00E-02	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN E	2.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN C13H10O A	9.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E-02	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON B	9.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON C	9.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E+01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON F	8.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON F	3.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E-01	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON C14H12 A	8.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON C16H14 A	8.00E+00	J	0.5-2.5
22	SB-3	EA01-RE-22SB03-00505	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	1-METHYLNAPHTHALENE C11H10 A	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	2-ETHYLNAPHTHALENE C12H12 A	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	4-METHYLDIBENZOFURAN A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	AROMATIC HYDROCARBON C12H10 A	7.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	DICHLOROBENZENE A	2.00E-02	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DICHLOROBENZENE A	4.00E-02	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	DICHLOROBENZENE B	9.00E-03	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DICHLOROBENZENE B	3.00E-02	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DIMETHYLNAPHTHALENE A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DIMETHYLNAPHTHALENE B	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DIMETHYLNAPHTHALENE C	3.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DIMETHYLNAPHTHALENE D	4.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	6.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	9.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	9.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 C	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 C	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	METHYLNAPHTHALENE A	5.00E+01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	METHYLNAPHTHALENE B	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	SUBST. BENZENE C10H10 A	8.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	SUBST. BENZENE C10H10 B	6.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	TRIMETHYLNAPHTHALENE A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	TRIMETHYLNAPHTHALENE B	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 A	5.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 A	9.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 B	9.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 B	5.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN A	5.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN A	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN B	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN B	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN C	6.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN C	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN D	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN E	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON A	8.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E-03	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON B	7.00E+00	JB	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C	8.00E+00	JB	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON D	7.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON E	9.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON F	3.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON G	4.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON H	3.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C11H10 A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON C12H12 A	7.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON C13H28 A	8.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON C14H12 A	8.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	2.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 B	8.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H10 A	8.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H14 A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON C16H34 A	9.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	1.00E+01	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00502	SVOC TICs	UNKNOWN HYDROCARBON C18H36 A	6.00E+00	J	0.5-2.5
22	SB-4	EA01-RE-22SB04-00501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	ANTHRACENEDIONE A	5.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	AROMATIC HYDROCARBON A	8.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	AROMATIC HYDROCARBON B	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	AROMATIC HYDROCARBON C	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	AROMATIC HYDROCARBON D	6.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	AROMATIC HYDROCARBON E	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	DIBENZOTHIOPHENE A	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN A	1.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN A	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN B	2.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN B	5.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN C	2.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN C	2.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN D	3.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN D	8.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN E	7.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN E	3.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN F	2.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN F	1.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN G	2.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN G	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN H	2.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN H	8.00E-02	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN I	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN I	2.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN HYDROCARBON A	3.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C11H10 A	3.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C14H12 A	2.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 B	5.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN HYDROCARBON C15H12 B	5.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H12 A	2.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN HYDROCARBON C16H12 A	3.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H12 B	4.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	6.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	3.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 B	5.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN HYDROCARBON C17H12 B	7.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 C	2.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN HYDROCARBON C18H12 A	9.00E-02	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON C18H14 A	2.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN HYDROCARBON C20H12 A	1.00E-01	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00501	SVOC TICs	UNKNOWN KETONE A	6.00E+00	J	0.5-2.5
22	SB-5	EA01-RE-22SB05-00502	SVOC TICs	UNKNOWN KETONE A	9.00E+00	JB	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs	1-METHYLNAPHTHALENE C11H10 A	9.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 A	5.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 B	4.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 C	4.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN A	8.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN B	1.00E+01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN C	7.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN D	2.00E+00	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN E	7.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN F	7.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON A	8.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON B	2.00E+00	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C	1.00E+00	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON D	7.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON E	2.00E+00	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON F	4.00E+00	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C11H10 A	1.00E+00	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C13H10 A	2.00E+00	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C14H10 A	5.00E+00	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C15H12 A	4.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C16H10 A	1.00E+01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C16H14 A	2.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C16H34 A	8.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C17H12 A	2.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C17H12 B	3.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C17H12 C	3.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C17H12 D	4.00E-01	J	0.5-2.5
22	SB-6	EA01-RE-22SB06-00501	SVOC TICs UNKNOWN HYDROCARBON C18H14 A	2.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 A	6.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 B	6.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 C	3.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs TRIMETHYLNAPHTHALENE C13H14 A	5.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs TRIMETHYLNAPHTHALENE C13H14 B	2.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN A	4.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN B	4.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN C	1.00E+01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN D	6.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON A	6.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON B	3.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON C	2.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON D	3.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON E	2.00E+00	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON F	5.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON G	4.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON H	3.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON I	4.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON J	4.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON C11H10 A	5.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN HYDROCARBON C16H14 A	7.00E-01	J	0.5-2.5
22	SB-7	EA01-RE-22SB07-00501	SVOC TICs UNKNOWN KETONE A	7.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs 1-METHYLNAPHTHALENE A	8.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs AROMATIC HYDROCARBON C13H10 A	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs DICHLOROBENZENE A	2.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs DICHLOROBENZENE A	9.00E-02	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs DICHLOROBENZENE B	3.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs DICHLOROBENZENE B	2.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 A	1.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs DIMETHYLNAPHTHALENE C12H12 A	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 B	1.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs DIMETHYLNAPHTHALENE C12H12 B	6.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 C	2.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs DIMETHYLNAPHTHALENE C12H12 C	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs DIMETHYLNAPHTHALENE C12H12 D	8.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs DIMETHYLNAPHTHALENE C12H12 D	7.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs SUBST. PYRIDINE C7H9N A	8.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs SUBST. PYRIDINE C7H9N A	9.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs SUBST. PYRIDINE C7H9N B	5.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs SUBST. PYRIDINE C7H9N C	2.00E+00	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs SUBST. PYRIDINE C7H9N D	3.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs SUBST. PYRIDINE C8H11N A	6.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs SUBST. PYRIDINE C8H11N A	6.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs SUBST. PYRIDINE C8H11N B	1.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs SUBST. PYRIDINE C8H11N C	2.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs TRIMETHYLNAPHTHALENE C13H14 A	1.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs TRIMETHYLNAPHTHALENE C13H14 A	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs TRIMETHYLNAPHTHALENE C13H14 B	6.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs TRIMETHYLNAPHTHALENE C13H14 B	6.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs UNKNOWN A	7.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs UNKNOWN A	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs UNKNOWN A	1.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs UNKNOWN B	7.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs UNKNOWN B	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs UNKNOWN B	2.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs UNKNOWN C	6.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs UNKNOWN C	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs UNKNOWN D	5.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs UNKNOWN E	1.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs UNKNOWN C10H9N A	1.00E+00	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs UNKNOWN C10H9N A	1.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs UNKNOWN C10H9N B	3.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs UNKNOWN C8H11N A	8.00E-02	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs UNKNOWN HYDROCARBON A	9.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU	Location						
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON A	6.00E-01	JB	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs	UNKNOWN HYDROCARBON A	1.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON B	5.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E-01	JB	8.5-10.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E-01	J	8.5-10.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON D	5.00E-01	JB	4.5-6.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E-01	JB	8.5-10.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON E	5.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON C11H10 A	2.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON C12H12 A	6.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON C14H12 A	6.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	6.00E-01	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-01301	SVOC TICs	UNKNOWN HYDROCARBON C15H12 A	4.00E-01	J	4.5-6.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON C16H14 A	1.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs	UNKNOWN HYDROCARBON C17H12 A	1.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-00501	SVOC TICs	UNKNOWN KETONE A	6.00E+00	J	0.5-2.5
22	SB-8	EA01-RE-22SB08-02101	SVOC TICs	UNKNOWN KETONE A	5.00E+00	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 A	1.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	DIMETHYLNAPHTHALENE C12H12 B	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	DIMETHYLPYRIDINE C7H9N A	1.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	SUBST. CARBOXYLIC ACID A	8.00E-01	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	SUBST. NAPHTHALENE A	1.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	SUBST. NAPHTHALENE B	8.00E-01	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	SUBST. NAPHTHALENE C	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	SUBST. NAPHTHALENE D	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	SUBST. NAPHTHALENE E	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	TETRACHLORO BENZENE A	2.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	TETRACHLORO BENZENE B	2.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	TRICHLORO BENZENE C6H3CL3 A	1.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 A	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	TRIMETHYLNAPHTHALENE C13H14 B	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN A	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN A	3.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN A	2.00E-01	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN A	1.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN B	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN B	8.00E-01	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN B	9.00E-02	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN C	5.00E+00	JB	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN C	9.00E+00	JB	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C	1.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN D	1.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN D	2.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN D	1.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN E	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN E	4.00E+00	JB	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN E	1.00E-01	JB	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN F	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN F	3.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN F	2.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN G	9.00E-01	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN G	4.00E+00	JB	8.5-10.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN H	1.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN C10H9N A	1.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C10H9N A	8.00E-02	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C10H9N B	4.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN C11H10 A	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C11H11N A	2.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C11H11N B	2.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C11H11N C	1.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN C15H12 A	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN C15H12 B	1.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN C16H14 A	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN C7H9N A	9.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN C7H9N B	3.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN C7H9N C	2.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN C7H9N D	4.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C8H11N A	2.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C8H11N B	1.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C8H11N C	3.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C8H11N D	5.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN C8H11N E	4.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN DICHLORO BENZENE A	1.00E-01	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN DICHLORO BENZENE A	5.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN DICHLORO BENZENE A	9.00E-02	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN DICHLORO BENZENE B	8.00E-02	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN DICHLORO BENZENE B	2.00E+00	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN DICHLORO BENZENE B	2.00E-01	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN DICHLORO BENZENE C	9.00E-02	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN DIMETHYLPYRIDINE A	4.00E-01	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs	UNKNOWN DIMETHYLPYRIDINE B	2.00E-01	J	4.5-6.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-02101	SVOC TICs	UNKNOWN HYDROCARBON A	5.00E-02	J	8.5-10.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN HYDROCARBON B	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN HYDROCARBON D	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN HYDROCARBON F	6.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs UNKNOWN HYDROCARBON H	1.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-00501	SVOC TICs UNKNOWN HYDROCARBON I	2.00E+00	J	0.5-2.5
22	SB-9	EA01-RE-22SB09-01301	SVOC TICs UNKNOWN TETRACHLOROBENZENE A	1.00E-01	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	Pesticides SULFUR, MOL. (SB) A	1.20E+00	NJ	0.5-2.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN A	1.40E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	Pesticides UNKNOWN A	2.00E+02	NJ	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN B	9.70E-01	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN B	3.10E+01	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN C	1.20E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN C	1.40E+01	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN D	1.80E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN D	9.10E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN E	1.20E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN E	7.00E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN F	3.30E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN F	9.50E+01	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN G	2.10E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN G	1.90E+01	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN H	1.10E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN H	3.80E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN I	1.70E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN I	2.10E+01	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN J	4.50E-01	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN K	4.50E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN K	8.80E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN L	4.50E-01	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN L	7.90E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN M	7.00E-01	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN M	6.80E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN N	8.10E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN N	2.60E+01	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN O	3.60E+00	J	0.5-2.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN O	1.60E+01	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN P	3.30E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN Q	3.30E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN R	4.10E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN S	3.90E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN U	2.40E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-01301	SVOC TICs UNKNOWN V	5.30E+00	J	4.5-6.5
24	SB-12	EA02-EP-24SB12-00501	SVOC TICs UNKNOWN W	3.80E+00	J	4.5-6.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs CHLORINATED HYDROCARBON A	1.00E+00	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs DIMETHYLPHENANTHRENE C16H14 A	3.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN A	2.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN A	5.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN A	9.00E-03	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN B	2.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN B	3.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN C	6.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN C	4.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN D	8.00E+01	JB	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN D	3.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN E	4.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN E	7.00E-01	JB	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN F	5.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN F	7.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN G	1.00E+01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN G	6.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN H	8.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN H	1.00E+01	JB	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN I	1.00E+00	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN I	5.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON A	4.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN HYDROCARBON A	8.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON B	8.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN HYDROCARBON B	3.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN HYDROCARBON C	2.00E+00	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON C15H12 A	4.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN HYDROCARBON C15H12 A	1.00E+00	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON C15H12 B	7.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN HYDROCARBON C15H12 B	7.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON C15H12 C	6.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN HYDROCARBON C15H12 C	1.00E+00	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON C16H12 A	7.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN HYDROCARBON C16H12 A	3.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON C17H12 A	4.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN HYDROCARBON C17H12 A	6.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON C17H12 B	2.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN HYDROCARBON C17H12 C	9.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN NITRILE A	3.00E+00	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00505	SVOC TICs UNKNOWN NITRILE A	7.00E-01	J	0.5-2.5
24	SB-5	EA01-RE-24SB05-00502	SVOC TICs UNKNOWN NITRILE B	5.00E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs UNKNOWN A	7.50E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	Pesticides UNKNOWN B	1.30E+02	NJ	0.5-2.5
24	SB-6	EA02-EP-24SB06-01301	Pesticides UNKNOWN B	7.90E+03	NJ	4.5-6.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs UNKNOWN C	1.40E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-01301	SVOC TICs UNKNOWN C	6.20E+00	J	4.5-6.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs UNKNOWN D	3.30E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-01301	SVOC TICs UNKNOWN D	7.60E+00	J	4.5-6.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs UNKNOWN E	2.80E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-01301	SVOC TICs UNKNOWN E	2.70E+00	J	4.5-6.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs UNKNOWN F	1.30E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU	Location						
24	SB-6	EA02-EP-24SB06-01301	SVOC TICs	UNKNOWN F	5.60E+00	J	4.5-6.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN G	1.10E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-01301	SVOC TICs	UNKNOWN G	1.40E+00	J	4.5-6.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN H	1.20E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN I	1.00E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN J	1.90E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN K	8.40E-02	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN L	8.50E-02	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN M	9.10E-02	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN N	4.60E-01	J	0.5-2.5
24	SB-6	EA02-EP-24SB06-00501	SVOC TICs	UNKNOWN O	2.40E-01	J	0.5-2.5
24	SB-7	EA02-EP-24SB07-01501	SVOC TICs	UNKNOWN A	1.00E+00	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01502	SVOC TICs	UNKNOWN A	4.00E-01	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01501	SVOC TICs	UNKNOWN B	8.20E-01	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01502	SVOC TICs	UNKNOWN B	9.20E-01	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01501	Pesticides	UNKNOWN C	1.10E+02	NJ	5.5-7.5
24	SB-7	EA02-EP-24SB07-01502	Pesticides	UNKNOWN C	1.10E+02	NJ	5.5-7.5
24	SB-7	EA02-EP-24SB07-01501	SVOC TICs	UNKNOWN D	1.80E-01	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01502	SVOC TICs	UNKNOWN D	2.50E-01	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01501	SVOC TICs	UNKNOWN E	1.00E-01	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01502	SVOC TICs	UNKNOWN E	8.20E-02	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01502	SVOC TICs	UNKNOWN F	1.30E-01	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01502	SVOC TICs	UNKNOWN G	8.10E-02	J	5.5-7.5
24	SB-7	EA02-EP-24SB07-01502	SVOC TICs	UNKNOWN H	1.90E-01	J	5.5-7.5
24	SB-8	EA02-EP-24SB08-00501	Pesticides	BIPHENYL A	1.60E+00	NJ	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	Pesticides	BIPHENYL B	1.80E+00	NJ	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	Pesticides	DIPHENYL ETHER A	9.00E+00	NJ	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	Pesticides	DIPHENYL ETHER A	1.20E-01	NJ	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	Pesticides	DIPHENYL ETHER B	8.50E+00	NJ	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	Pesticides	SULFUR A	6.50E+00	NJ	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	Pesticides	SULFUR A	2.40E+01	NJ	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	Pesticides	SULFUR, MOL. (SB) A	7.90E+00	NJ	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	Pesticides	UNKNOWN A	1.00E+02	NJ	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN A	4.10E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN AA	1.20E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN AB	8.70E-01	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN B	3.10E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN B	1.00E+00	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN C	3.50E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	Pesticides	UNKNOWN C	1.30E+02	NJ	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN D	1.00E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN D	2.70E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN E	1.30E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN E	1.60E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN F	1.70E+01	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN F	1.20E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN G	3.50E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN G	9.60E-02	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN H	4.20E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN H	1.00E+00	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN I	2.00E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN I	1.20E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN J	3.90E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN J	4.50E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN K	2.80E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN K	3.50E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN L	3.20E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN L	5.40E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	Pesticides	UNKNOWN M	1.70E+02	NJ	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN M	6.20E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN N	3.20E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-01301	SVOC TICs	UNKNOWN N	8.70E-01	J	4.5-6.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN O	4.80E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN P	1.40E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN Q	1.20E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN R	9.70E-01	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN S	1.20E+01	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN T	4.20E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN U	1.70E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN V	1.80E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN W	1.20E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN X	2.80E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN Y	2.00E+00	J	0.5-2.5
24	SB-8	EA02-EP-24SB08-00501	SVOC TICs	UNKNOWN Z	9.40E-01	J	0.5-2.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN A	4.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN A	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN B	8.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN B	8.00E+00	JB	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN C	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN C	5.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN D	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN D	1.00E+00	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN E	4.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN E	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN F	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN F	8.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN G	9.00E+00	JB	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN G	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN H	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN H	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs	UNKNOWN I	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs	UNKNOWN J	2.00E-01	J	6.5-8.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN K	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON A	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON A	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON B	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON C	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON C	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON D	4.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON D	9.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON E	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON E	4.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON F	7.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON F	4.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON G	8.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON G	2.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON H	4.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON H	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON I	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON J	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01701	SVOC TICs UNKNOWN HYDROCARBON K	3.00E-01	J	6.5-8.5
25	SB-8	EA01-RE-25SB08-01702	SVOC TICs UNKNOWN HYDROCARBON C17H12 A	2.00E-01	J	6.5-8.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN A	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON A	3.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON C	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON D	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON E	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON F	5.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON G	5.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON H	3.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON I	3.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON J	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON K	8.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON L	3.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON M	4.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON N	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON O	4.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON P	3.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON Q	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN HYDROCARBON R	2.00E-01	J	0.5-2.5
26	SB-1	EA01-RE-26SB01-02101	SVOC TICs UNKNOWN KETONE A	6.00E+00	JB	0.5-2.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs 1-METHYLNAPHTHALENE A	2.00E+00	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs DIMETHYLNAPHTHALENE A	8.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs DIMETHYLNAPHTHALENE B	3.00E+00	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs DIMETHYLNAPHTHALENE C	1.00E+00	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs DIMETHYLNAPHTHALENE D	6.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs HYDROCARBON (C12H26) A	9.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs HYDROCARBON (C13H28) A	1.00E+00	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs HYDROCARBON (C14H30) A	9.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs HYDROCARBON (C16H34) A	2.00E+00	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs HYDROCARBON (C16H34) B	9.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs HYDROCARBON (C18H38) A	6.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs HYDROCARBON (C19H40) A	6.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs TRIMETHYLNAPHTHALENE A	9.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs UNKNOWN A	6.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs UNKNOWN B	6.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs UNKNOWN C	7.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs UNKNOWN D	6.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs UNKNOWN HYDROCARBON A	7.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs UNKNOWN HYDROCARBON B	6.00E-01	J	2.5-4.5
26	SB-2	EA01-RE-26SB02-02501	SVOC TICs UNKNOWN HYDROCARBON C	7.00E-01	J	2.5-4.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN ACID ESTER A	1.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON A	3.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON B	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON C	5.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON D	3.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON E	1.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON F	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON G	3.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON H	3.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON I	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON J	3.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON K	3.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON L	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON M	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON N	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON O	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON P	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON Q	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN HYDROCARBON R	2.00E-01	J	4.5-6.5
26	SB-3	EA01-RE-26SB03-02101	SVOC TICs UNKNOWN KETONE A	6.00E+00	JB	4.5-6.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs 1-METHYLNAPHTHALENE A	3.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs 1-METHYLNAPHTHALENE A	5.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs AROMATIC HYDROCARBON & UNKNOWN A	2.00E+00	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs AROMATIC HYDROCARBON & UNKNOWN A	7.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs AROMATIC HYDROCARBON C11H12 A	3.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs AROMATIC HYDROCARBON C12H12 A	3.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs AROMATIC HYDROCARBON C12H12 A	5.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs AROMATIC HYDROCARBON C13H14 A	3.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs AROMATIC HYDROCARBON C13H14 A	3.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs AROMATIC HYDROCARBON C13H14 B	3.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU	Location Sample Number					
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	AROMATIC HYDROCARBON C13H14 B	2.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	AROMATIC HYDROCARBON C13H14 C	3.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	AROMATIC HYDROCARBON C14H16 A	5.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	AROMATIC HYDROCARBON C14H16 A	6.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 A	4.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	AROMATIC HYDROCARBON C15H12 A	4.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 B	5.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	AROMATIC HYDROCARBON C15H12 B	5.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	AROMATIC HYDROCARBON C16H14 A	6.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	AROMATIC HYDROCARBON C16H14 A	7.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	AROMATIC HYDROCARBON C17H12 A	5.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	CHLORINATED HYDROCARBON A	5.00E-02	J	2.5-4.5
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	CHLORINATED HYDROCARBON B	4.00E-02	J	2.5-4.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	DIBENZOFURAN A	2.00E-01	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00501	Pesticides	DIBENZOTHIOPHENE A	8.80E-01	NJ	0.5-2.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	HEXADECANOIC ACID A	8.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C12H26) A	2.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C13H28) A	5.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C13H28) B	3.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C13H28) C	2.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C14H30) A	2.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	HYDROCARBON (C15H32) A	4.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C15H32) A	3.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C15H32) B	6.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	HYDROCARBON (C16H34) A	9.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	HYDROCARBON (C16H34) A	3.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C16H34) A	6.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	HYDROCARBON (C16H34) B	2.00E+00	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C18H38) A	4.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C18H38) B	1.00E+00	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	HYDROCARBON (C19H40) A	2.00E+00	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	HYDROCARBON (C19H40) A	2.00E+00	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C19H40) A	4.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C21H44) A	4.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C21H44) B	3.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	HYDROCARBON (C22H46) A	5.00E-01	J	6.5-8.5
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	OCTADECENAL A	2.00E-01	J	2.5-4.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	PENTACHLOROPROPENE A	1.00E+00	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	PROPANOIC ACID ESTER A	4.00E-01	JB	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	PROPANOIC ACID ESTER A	5.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	PROPANOIC ACID ESTER A	3.00E-01	JB	2.5-4.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	PROPANOIC ACID ESTER A	2.00E-01	JB	6.5-8.5
27	SB-1 EA02-EP-27SB01-00901	Pesticides	SULFUR, MOL. (S8) A	4.60E+01	NJ	2.5-4.5
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN A	2.00E+00	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN A	5.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN A	1.00E-01	J	2.5-4.5
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN A	7.00E-03	J	2.5-4.5
27	SB-1 EA01-RE-27SB01-01701	SVOC TICs	UNKNOWN A	8.00E-03	J	6.5-8.5
27	SB-1 EA02-EP-27SB01-00501	Pesticides	UNKNOWN A	6.80E+01	NJ	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN A	2.90E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN A	1.10E+00	J	6-8
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN B	9.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN B	1.00E+00	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN B	3.00E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN B	1.10E+00	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN B	2.10E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	Pesticides	UNKNOWN B	5.40E+01	NJ	6-8
27	SB-1 EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN C	6.00E-01	J	0.5-2.5
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN C	1.00E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN C	6.60E-01	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN C	2.60E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN C	3.00E-01	J	6-8
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN D	1.00E+01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN D	1.10E+00	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	Pesticides	UNKNOWN D	3.00E+01	NJ	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN D	2.80E-01	J	6-8
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN E	1.00E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN E	1.00E+00	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN E	2.20E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN E	1.70E-01	J	6-8
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN F	1.00E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN F	3.00E+00	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN F	3.50E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN F	1.90E-01	J	6-8
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN G	2.00E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN G	1.30E+00	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN G	2.30E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN G	4.30E-01	J	6-8
27	SB-1 EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN H	2.00E+00	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN H	1.90E+00	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN H	2.50E+00	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN H	3.10E-01	J	6-8
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN I	7.10E-01	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN I	5.60E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN I	1.40E-01	J	6-8
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN J	1.20E+00	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN J	6.20E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN J	2.90E-01	J	6-8
27	SB-1 EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN K	5.90E-01	J	0.5-2.5
27	SB-1 EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN K	2.10E-01	J	2.5-4.5
27	SB-1 EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN K	2.10E-01	J	6-8

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
27	SB-1	EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN L	6.50E-01	J	0.5-2.5
27	SB-1	EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN L	5.60E-01	J	2.5-4.5
27	SB-1	EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN L	7.20E-01	J	6-8
27	SB-1	EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN M	8.10E+00	J	0.5-2.5
27	SB-1	EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN M	1.30E+01	J	2.5-4.5
27	SB-1	EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN M	2.70E-01	J	6-8
27	SB-1	EA02-EP-27SB01-00501	SVOC TICs	UNKNOWN N	3.70E+00	J	0.5-2.5
27	SB-1	EA02-EP-27SB01-00901	SVOC TICs	UNKNOWN N	1.20E+00	J	2.5-4.5
27	SB-1	EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN N	2.60E-01	J	6-8
27	SB-1	EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN O	2.20E-01	J	6-8
27	SB-1	EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN P	2.00E-01	J	6-8
27	SB-1	EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN Q	3.50E-01	J	6-8
27	SB-1	EA02-EP-27SB01-01601	SVOC TICs	UNKNOWN R	2.50E-01	J	6-8
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON A	9.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON A	8.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	2.5-4.5
27	SB-1	EA01-RE-27SB01-01701	SVOC TICs	UNKNOWN HYDROCARBON A	4.00E-01	J	6.5-8.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON B	8.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON B	6.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-01	J	2.5-4.5
27	SB-1	EA01-RE-27SB01-01701	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-01	J	6.5-8.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON C	1.00E+00	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON C	6.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON C	2.00E-01	J	2.5-4.5
27	SB-1	EA01-RE-27SB01-01701	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-01	J	6.5-8.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E+00	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON D	6.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E-01	J	2.5-4.5
27	SB-1	EA01-RE-27SB01-01701	SVOC TICs	UNKNOWN HYDROCARBON D	5.00E-01	J	6.5-8.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON E	9.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON E	8.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON E	1.00E-01	J	2.5-4.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E+00	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E+00	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON F	7.00E-01	J	2.5-4.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON G	9.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON G	5.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E-01	J	2.5-4.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN HYDROCARBON H	1.00E+00	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN HYDROCARBON H	8.00E-01	J	0.5-2.5
27	SB-1	EA01-RE-27SB01-00501	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	0.5-2.5
27	SB-1	EA01-RE-27SB01-00502	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
27	SB-1	EA01-RE-27SB01-00901	SVOC TICs	UNKNOWN KETONE A	3.00E+00	JB	2.5-4.5
27	SB-1	EA01-RE-27SB01-01701	SVOC TICs	UNKNOWN KETONE A	5.00E+00	JB	6.5-8.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	1-METHYLNAPHTHALENE A	5.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	1-METHYLNAPHTHALENE A	2.00E-01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON & PHTHALATE A	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C12H12 A	4.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	AROMATIC HYDROCARBON C12H12 A	3.00E-01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C12H12 B	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C12H12 C	2.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C13H14 A	2.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C14H16 A	4.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 A	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	AROMATIC HYDROCARBON C15H12 A	2.00E-01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C15H12 B	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	AROMATIC HYDROCARBON C15H12 B	4.00E-01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C15H122 A	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C16H14 A	4.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	AROMATIC HYDROCARBON C17H12 A	5.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	CHOLESTENOL ISOMER C27H46O A	4.00E-01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	HEXADECANOIC ACID A	2.00E+01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	HEXADECANOIC ACID B	5.00E+01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C13H28) A	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C13H32) A	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	HYDROCARBON (C14H30) A	2.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C14H30) A	5.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C14H30) B	2.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C15H32) A	7.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C15H32) B	3.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	HYDROCARBON (C16H34) A	1.00E+00	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C16H34) A	7.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C18H38) A	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C18H38) B	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	HYDROCARBON (C19H40) A	1.00E+00	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C19H40) A	3.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	HYDROCARBON (C19H40) B	4.00E-01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	HYDROCARBON (C20H42) A	9.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	OCTADECANOIC ACID A	6.00E+01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	OCTADECANOIC ACID B	6.00E+01	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	PROPANOIC ACID ESTER A	4.00E-01	JB	2.5-4.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	PROPANOIC ACID ESTER A	3.00E-01	J	8.5-10.5
27	SB-2	EA02-EP-27SB02-00501	Pesticides	SULFUR, MOL. (S8) A	8.50E-01	NJ	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	TETRADECANOIC ACID A	3.00E+00	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	TETRADECANOIC ACID B	2.00E+00	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN A	5.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN A	3.00E+00	J	2.5-4.5
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN A	6.50E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN A	5.90E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN A	1.30E+00	J	6-8
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN B	2.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN B	9.00E-01	J	2.5-4.5
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN B	2.10E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	Pesticides	UNKNOWN B	3.50E+01	NJ	3-5
27	SB-2	EA02-EP-27SB02-01601	Pesticides	UNKNOWN B	5.80E+01	NJ	6-8
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN C	1.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN C	5.00E-01	J	2.5-4.5
27	SB-2	EA02-EP-27SB02-00501	Pesticides	UNKNOWN C	3.50E+01	NJ	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN C	2.50E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN C	1.00E-01	J	6-8
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN D	6.00E-01	J	2.5-4.5
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN D	1.90E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN D	3.80E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN D	3.60E-01	J	6-8
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN E	1.00E+00	J	2.5-4.5
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN E	2.00E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN E	2.60E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN E	1.70E-01	J	6-8
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN F	8.00E-01	J	2.5-4.5
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN F	2.30E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN F	2.40E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN F	1.20E-01	J	6-8
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN G	4.00E-01	J	2.5-4.5
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN G	1.40E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN G	1.40E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN G	9.10E-02	J	6-8
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN H	5.00E-01	J	2.5-4.5
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN H	3.10E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN H	2.80E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN H	1.30E-01	J	6-8
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN I	1.60E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN I	2.70E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN I	8.90E-02	J	6-8
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN J	1.30E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN J	1.70E+00	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN J	2.60E-01	J	6-8
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN K	1.80E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN K	3.00E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN K	1.00E-01	J	6-8
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN L	2.00E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN L	1.50E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN L	1.10E-01	J	6-8
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN M	2.30E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN M	1.50E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN M	8.30E-02	J	6-8
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN N	1.20E+00	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN N	5.00E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN N	7.90E-02	J	6-8
27	SB-2	EA02-EP-27SB02-00501	SVOC TICs	UNKNOWN O	5.40E-01	J	0.5-2.5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN O	1.80E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN O	1.00E-01	J	6-8
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN P	2.90E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01601	SVOC TICs	UNKNOWN P	1.20E-01	J	6-8
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN Q	1.50E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN R	2.00E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN S	1.90E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN T	2.60E-01	J	3-5
27	SB-2	EA02-EP-27SB02-01001	SVOC TICs	UNKNOWN U	1.20E+00	J	3-5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN ACID A	2.00E+00	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN AROMATIC HYDROCARBON A	2.00E+00	J	2.5-4.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON A	5.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON B	1.00E+00	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON B	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON C	5.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON C	3.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON D	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON D	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON E	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON E	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON F	5.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON F	6.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON G	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON G	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON H	4.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON H	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON I	3.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON I	1.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN HYDROCARBON J	5.00E-01	J	0.5-2.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON J	5.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN HYDROCARBON K	4.00E-01	J	8.5-10.5
27	SB-2	EA01-RE-27SB02-00501	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	0.5-2.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	2.5-4.5
27	SB-2	EA01-RE-27SB02-02101	SVOC TICs	UNKNOWN KETONE A	6.00E+00	JB	8.5-10.5
27	SB-2	EA01-RE-27SB02-00901	SVOC TICs	UNKNOWN KETONE B	1.00E+01	JB	2.5-4.5
27	SB-3	EA01-RE-27SB03-00501	Pesticides	1-METHYLNAPHTHALENE A	3.00E-01	JN	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	1-METHYLNAPHTHALENE A	4.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	AROMATIC HYDROCARBON C12H12 A	3.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	AROMATIC HYDROCARBON C12H12 A	5.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	AROMATIC HYDROCARBON C13H14 A	2.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	AROMATIC HYDROCARBON C13H14 A	4.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	AROMATIC HYDROCARBON C14H16 A	3.00E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location							
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	AROMATIC HYDROCARBON C15H12 A	4.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	AROMATIC HYDROCARBON C15H12 B	4.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	DIMETHYLPHENOL A	4.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	DIMETHYLPROPYL PHENOL A	4.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C13H28) A	2.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	HYDROCARBON (C14H30) A	2.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C14H30) A	2.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	HYDROCARBON (C16H34) A	5.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C16H34) A	4.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C16H34) B	2.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	HYDROCARBON (C17H36) A	2.00E+00	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C17H36) A	2.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C17H36) B	5.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	HYDROCARBON (C18H36) A	5.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	HYDROCARBON (C18H38) A	1.00E+00	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	HYDROCARBON (C18H38) A	2.00E+00	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C18H38) A	4.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	HYDROCARBON (C18H38) B	3.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	HYDROCARBON (C18H38) B	4.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	HYDROCARBON (C19H40) A	8.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C19H40) A	3.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	HYDROCARBON (C20H42) A	3.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	PROPANOIC ACID ESTER A	3.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	PROPANOIC ACID ESTER A	3.00E-01	JB	8.5-10.5
27	SB-3	EA02-EP-27SB03-00501	Pesticides	SULFUR, MOL. (S8) A	2.10E-01	NJ	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	Pesticides	SULFUR, MOL. (S8) A	1.30E+00	NJ	4-6
27	SB-3	EA02-EP-27SB03-01202	Pesticides	SULFUR, MOL. (S8) A	1.80E+00	NJ	4-6
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	TRICHLOROBENZENE A	1.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN A	7.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN A	2.00E-01	J	2.5-4.5
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN A	8.40E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN A	1.00E+00	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN A	6.40E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN A	6.40E-01	J	9-11
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN B	3.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN B	5.00E-01	J	2.5-4.5
27	SB-3	EA02-EP-27SB03-00501	Pesticides	UNKNOWN B	4.00E+01	NJ	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	Pesticides	UNKNOWN B	4.90E+01	NJ	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN B	7.60E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	Pesticides	UNKNOWN B	3.50E+01	NJ	9-11
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN C	4.00E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN C	2.80E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN C	1.80E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	Pesticides	UNKNOWN C	3.80E+01	NJ	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN C	1.90E-01	J	9-11
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN D	5.00E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN D	2.30E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN D	3.70E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN D	3.20E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN D	1.80E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN E	2.00E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN E	4.00E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN E	3.40E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN E	2.50E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN F	4.40E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN F	2.30E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN F	3.90E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN F	9.40E-02	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN G	4.10E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN G	2.40E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN G	1.80E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN G	8.70E-02	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN H	2.90E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN H	4.20E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN H	2.30E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN H	1.50E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN I	2.60E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN I	5.00E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN I	4.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN I	1.20E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN J	7.00E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN J	2.20E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN J	6.50E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN J	3.70E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN K	3.30E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN K	2.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN K	2.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN K	1.50E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN L	1.40E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN L	2.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN L	2.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN L	8.30E-02	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN M	2.30E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN M	2.30E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN M	1.70E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN M	1.40E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN N	1.60E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN N	9.40E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN N	2.00E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN N	1.10E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN O	7.30E-01	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

SWMU	Sample Location	Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN O	2.70E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN O	2.30E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN O	1.10E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN P	2.50E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01201	SVOC TICs	UNKNOWN P	3.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN P	1.10E+00	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN P	1.30E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN Q	2.50E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN Q	5.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN Q	1.00E-01	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN R	2.20E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN R	2.10E+00	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN R	9.40E-02	J	9-11
27	SB-3	EA02-EP-27SB03-00501	SVOC TICs	UNKNOWN S	3.20E-01	J	0.5-2.5
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN S	3.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-02201	SVOC TICs	UNKNOWN S	1.40E-01	J	9-11
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN T	3.00E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN U	2.80E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN V	5.10E-01	J	4-6
27	SB-3	EA02-EP-27SB03-01202	SVOC TICs	UNKNOWN W	5.90E-01	J	4-6
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON A	2.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON A	7.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON A	5.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON B	6.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON B	7.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON B	5.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON C	7.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON C	7.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON C	4.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON D	6.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON D	1.00E+00	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON D	3.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON E	5.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON E	8.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON E	3.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON F	5.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON F	1.00E+00	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON F	6.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON G	8.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON G	8.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON G	3.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON H	6.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON H	6.00E-01	J	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON H	3.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON I	4.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON I	4.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON J	3.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN HYDROCARBON J	3.00E-01	J	8.5-10.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN HYDROCARBON K	1.00E+00	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN HYDROCARBON L	5.00E-01	J	0.5-2.5
27	SB-3	EA01-RE-27SB03-00501	SVOC TICs	UNKNOWN KETONE A	6.00E+00	JB	0.5-2.5
27	SB-3	EA01-RE-27SB03-00901	SVOC TICs	UNKNOWN KETONE A	9.00E+00	JB	2.5-4.5
27	SB-3	EA01-RE-27SB03-02101	SVOC TICs	UNKNOWN KETONE A	8.00E+00	JB	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	5.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE A	4.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	DIMETHYLNAPHTHALENE A	5.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	DIMETHYLNAPHTHALENE A	3.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE B	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	DIMETHYLNAPHTHALENE B	6.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	DIMETHYLNAPHTHALENE C	5.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	Pesticides	HEXADECANOIC ACID A	2.00E+00	JN	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	Pesticides	HEXADECANOIC ACID A	2.00E+00	JN	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HEXADECANOIC ACID A	3.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	HEXANE A	8.00E-03	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HYDROCARBON (C12H26) A	5.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HYDROCARBON (C13H28) A	8.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C14H30) A	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C14H30) A	4.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HYDROCARBON (C14H30) A	5.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	HYDROCARBON (C14H30) A	1.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C14H30) B	3.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C15H32) A	4.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HYDROCARBON (C15H32) A	6.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C16H34) A	1.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C16H34) A	9.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HYDROCARBON (C16H34) A	9.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	HYDROCARBON (C16H34) A	2.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C16H34) B	4.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HYDROCARBON (C16H34) B	6.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	HYDROCARBON (C16H34) B	3.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C16H34) C	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C16H34) D	5.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C17H36) A	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HYDROCARBON (C17H36) A	2.00E+00	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C17H36) B	5.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	HYDROCARBON (C18H38) A	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	HYDROCARBON (C18H38) A	6.00E-01	J	2.5-4.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU Location	Sample Number					
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs HYDROCARBON (C18H38) A	3.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C18H38) B	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C19H40) A	8.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C19H40) A	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs HYDROCARBON (C19H40) A	2.00E+00	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs HYDROCARBON (C19H40) A	4.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs HYDROCARBON (C19H40) A	6.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C19H40) B	8.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs HYDROCARBON (C19H40) B	3.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C20H42) A	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C20H42) A	1.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs HYDROCARBON (C20H42) A	7.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs HYDROCARBON (C20H42) A	5.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs HYDROCARBON (C20H42) A	2.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C20H42) B	1.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C21H44) A	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C21H44) A	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C21H44) B	5.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C21H44) C	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C22H46) A	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs HYDROCARBON (C22H46) A	9.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs HYDROCARBON (C22H46) A	3.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C22H46) B	5.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C23H48) A	4.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs HYDROCARBON (C23H48) A	8.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs HYDROCARBON (C23H48) A	2.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C23H48) B	5.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C24H50) A	5.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C24H50) B	5.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C25H52) A	4.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs HYDROCARBON (C25H52) A	3.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs HYDROCARBON (C25H52) B	4.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs PROPANOIC ACID ESTER A	4.00E-01	JB	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs PROPANOIC ACID ESTER A	4.00E-01	JB	8.5-10.5
27	SB-4	EA02-EP-27SB04-01301	Pesticides SULFUR, MOL. (S8) A	6.20E-01	NJ	4.5-6.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs TRIMETHYLNAPHTHALENE A	4.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs TRIMETHYLNAPHTHALENE A	3.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs TRIMETHYLNAPHTHALENE + HYDRO A	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs TRIMETHYLNAPHTHALENE+HYDROCA A	3.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs TRIMETHYLNAPHTHALENE+UNKNOWN A	3.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs TRIMETHYLNAPHTHALENE+UNKNOWN A	3.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs TRIMETHYLNAPHTHALENE+UNKNOWN B	6.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs UNKNOWN A	4.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs UNKNOWN A	7.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs UNKNOWN A	6.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs UNKNOWN A	3.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs UNKNOWN A	8.00E-03	J	8.5-10.5
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN A	8.40E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN A	6.50E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN A	6.10E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	Pesticides UNKNOWN B	4.40E+01	NJ	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN B	2.30E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	VOC TICs UNKNOWN B	3.30E+01	NJ	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN C	1.40E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	Pesticides UNKNOWN C	3.80E+01	NJ	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN C	1.80E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN D	1.60E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN D	2.30E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN D	2.80E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN E	1.40E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN E	3.30E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN E	2.00E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN F	2.30E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN F	2.90E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN F	1.70E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN G	4.10E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN G	3.50E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN G	1.10E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN H	9.80E-02	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN H	1.10E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN H	2.40E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN I	1.30E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN I	6.50E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN I	1.70E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN J	1.20E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN J	2.80E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN J	5.80E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN K	2.00E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN K	1.80E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN K	2.30E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN L	5.90E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN L	3.70E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN L	1.00E-01	J	10-12
27	SB-4	EA02-EP-27SB04-00505	SVOC TICs UNKNOWN M	5.50E-01	J	0.5-2.5
27	SB-4	EA02-EP-27SB04-01301	SVOC TICs UNKNOWN M	7.10E-01	J	4.5-6.5
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN M	2.10E-01	J	10-12
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN N	1.80E-01	J	10-12
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN O	1.70E-01	J	10-12
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN P	2.50E-01	J	10-12
27	SB-4	EA02-EP-27SB04-02401	SVOC TICs UNKNOWN Q	1.90E-01	J	10-12
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs UNKNOWN HYDROCARBON A	3.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc. Riverview, MI

Sample	SWMU	Location	Sample Number	Datagroup	Analyte	Result	Data	Depth
						mg/kg	Qualifier	(ft bgs)
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	A	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	A	7.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	A	4.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	UNKNOWN HYDROCARBON	A	3.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	AA	5.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	B	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	B	5.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	B	1.00E+00	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	B	9.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	UNKNOWN HYDROCARBON	B	2.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	C	1.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	C	1.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	C	9.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	C	6.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	UNKNOWN HYDROCARBON	C	2.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	D	3.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	D	5.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	D	8.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	D	5.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	UNKNOWN HYDROCARBON	D	6.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	E	3.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	E	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	E	9.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	E	8.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	UNKNOWN HYDROCARBON	E	2.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	F	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	F	1.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	F	9.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	F	7.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-02101	SVOC TICs	UNKNOWN HYDROCARBON	F	2.00E-01	J	8.5-10.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	G	3.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	G	9.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	G	2.00E+00	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	G	9.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	H	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	H	1.00E+00	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	I	2.00E+00	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	I	3.00E+00	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	J	9.00E-01	J	0.5-2.5
27	SB-4	EA01-RE-27SB04-00901	SVOC TICs	UNKNOWN HYDROCARBON	J	9.00E-01	J	2.5-4.5
27	SB-4	EA01-RE-27SB04-00501	SVOC TICs	UNKNOWN HYDROCARBON	K	1.00E+00	J	0.5-2.5

Table 1
Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Sample		Sample Number	Datagroup	Analyte	Result mg/kg	Data Qualifier	Depth (ft bgs)
SWMU	Location						
27	SB-5	EA01-RE-27SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON F	2.00E+00	J	0.5-2.5
27	SB-5	EA01-RE-27SB05-01301	SVOC TICs	UNKNOWN HYDROCARBON F	5.00E-01	J	4.5-6.5
27	SB-5	EA01-RE-27SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON G	2.00E+00	J	0.5-2.5
27	SB-5	EA01-RE-27SB05-01301	SVOC TICs	UNKNOWN HYDROCARBON G	5.00E-01	J	4.5-6.5
27	SB-5	EA01-RE-27SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON H	7.00E-01	J	0.5-2.5
27	SB-5	EA01-RE-27SB05-01301	SVOC TICs	UNKNOWN HYDROCARBON H	3.00E-01	J	4.5-6.5
27	SB-5	EA01-RE-27SB05-00501	SVOC TICs	UNKNOWN HYDROCARBON I	9.00E-01	J	0.5-2.5
27	SB-5	EA01-RE-27SB05-01301	SVOC TICs	UNKNOWN HYDROCARBON I	4.00E-01	J	4.5-6.5
27	SB-5	EA01-RE-27SB05-00501	SVOC TICs	UNKNOWN KETONE A	1.00E+01	JB	0.5-2.5
27	SB-5	EA01-RE-27SB05-01301	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	4.5-6.5
27	SB-5	EA01-RE-27SB05-02101	SVOC TICs	UNKNOWN KETONE A	7.00E+00	JB	8.5-10.5
27	SB-5	EA01-RE-27SB05-00501	SVOC TICs	UNKNOWN PAH A	5.00E-01	J	0.5-2.5
27	SB-5	EA01-RE-27SB05-01301	SVOC TICs	UNKNOWN PAH A	2.00E-01	J	4.5-6.5
27	SB-5	EA01-RE-27SB05-00501	SVOC TICs	UNKNOWN PAH B	6.00E-01	J	0.5-2.5
27	SB-5	EA01-RE-27SB05-00501	SVOC TICs	UNKNOWN PAH C	4.00E-01	J	0.5-2.5

Table 2
Summary of Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Analyte	Sample Number	SWMU	Sample Location	Depth ft (bgs)	Result mg/kg	Contribution to Site-Wide TIC Concentration %
TICS (TOTAL)	EA02-EP-07SB01-01301	07	SB-1	4.5-6.5	42001.91	41.55%
TICS (TOTAL)	EA02-EP-24SB06-01301	24	SB-6	4.5-6.5	7923.50	7.84%
TICS (TOTAL)	EA01-RE-17SB14-00802	17	SB-14	2-4	6262.02	6.20%
TICS (TOTAL)	EA01-RE-17SB18-00501	17	SB-18	0.5-2.5	2049.20	2.03%
TICS (TOTAL)	EA01-RE-17SB20-00501	17	SB-20	0.5-2.5	1970.02	1.95%
TICS (TOTAL)	EA01-RE-17SB04-00801	17	SB-4	2-4	1450.00	1.43%
TICS (TOTAL)	EA01-RE-17SB05-00801	17	SB-5	2-4	1441.13	1.43%
TICS (TOTAL)	EA01-RE-17SB11-00502	17	SB-11	0.5-2.5	1378.03	1.36%
TICS (TOTAL)	EA01-RE-17SB13-03201	17	SB-13	14-16	1081.08	1.07%
TICS (TOTAL)	EA01-RE-17SB17-00901	17	SB-17	2.5-4.5	870.04	0.86%
TICS (TOTAL)	EA02-EP-11SB14-01301	11	SB-14	4.5-6.5	795.00	0.79%
TICS (TOTAL)	EA01-RE-22SB04-00502	22	SB-4	0.5-2.5	727.11	0.72%
TICS (TOTAL)	EA02-EP-11SB15-00502	11	SB-15	0.5-2.5	692.10	0.68%
TICS (TOTAL)	EA02-EP-11SB14-00502	11	SB-14	0.5-2.5	604.10	0.60%
TICS (TOTAL)	EA02-EP-15SB18-00902	15	SB-18	2.5-4.5	602.44	0.60%
TICS (TOTAL)	EA02-EP-13SB14-00901	13	SB-14	2.5-4.5	581.39	0.58%
TICS (TOTAL)	EA02-EP-15SB16-02101	15	SB-16	8.5-10.5	534.73	0.53%
TICS (TOTAL)	EA02-EP-24SB12-01301	24	SB-12	4.5-6.5	491.50	0.49%
TICS (TOTAL)	EA02-EP-13SB15-02102	13	SB-15	8.5-10.5	485.24	0.48%
TICS (TOTAL)	EA01-RE-13SB04-01705	13	SB-4	6.5-8.5	483.40	0.48%
TICS (TOTAL)	EA02-EP-11SB16-00505	11	SB-16	0.5-2.5	482.80	0.48%
TICS (TOTAL)	EA02-EP-20SB10-01302	20	SB-10	4.5-6.5	459.55	0.45%
TICS (TOTAL)	EA02-EP-13SB12-00901	13	SB-12	2.5-4.5	456.46	0.45%
TICS (TOTAL)	EA01-RE-11SB04-00501	11	SB-4	0.5-2.5	435.01	0.43%
TICS (TOTAL)	EA02-EP-22SB20-00902	22	SB-20	2.5-4.5	433.61	0.43%
TICS (TOTAL)	EA01-RE-22SB03-00505	22	SB-3	0.5-2.5	429.32	0.42%
TICS (TOTAL)	EA02-EP-24SB08-00501	24	SB-8	0.5-2.5	391.08	0.39%
TICS (TOTAL)	EA02-EP-01SB05-00505	01	SB-5	0.5-2.5	364.33	0.36%
TICS (TOTAL)	EA01-RE-13SB05-00501	13	SB-5	0.5-2.5	358.00	0.35%
TICS (TOTAL)	EA02-EP-20SB09-00501	20	SB-9	0.5-2.5	352.73	0.35%
TICS (TOTAL)	EA02-EP-11SB07-00501	11	SB-7	0.5-2.5	346.90	0.34%
TICS (TOTAL)	EA01-RE-17SB08-03201	17	SB-8	14-16	345.07	0.34%
TICS (TOTAL)	EA01-RE-21SB01-00502	21	SB-1	0.5-2.5	341.70	0.34%
TICS (TOTAL)	EA02-EP-16SB19-00501	16	SB-19	0.5-2.5	339.26	0.34%
TICS (TOTAL)	EA02-EP-15SB17-00901	15	SB-17	2.5-4.5	322.69	0.32%
TICS (TOTAL)	EA01-RE-17SB09-00801	17	SB-9	2-4	321.05	0.32%
TICS (TOTAL)	EA02-EP-11SB15-01301	11	SB-15	4.5-6.5	311.17	0.31%
TICS (TOTAL)	EA02-EP-11SB12-01301	11	SB-12	4.5-6.5	303.70	0.30%
TICS (TOTAL)	EA02-EP-11SB07-01301	11	SB-7	4.5-6.5	300.89	0.30%
TICS (TOTAL)	EA02-EP-13SB12-02101	13	SB-12	8.5-10.5	292.63	0.29%
TICS (TOTAL)	EA01-RE-17SB14-02002	17	SB-14	8-10	281.70	0.28%
TICS (TOTAL)	EA02-EP-21SB14-00901	21	SB-14	2.5-4.5	271.29	0.27%
TICS (TOTAL)	EA02-EP-13SB16-01701	13	SB-16	6.5-8.5	270.65	0.27%
TICS (TOTAL)	EA01-RE-13SB03-00901	13	SB-3	2.5-4.5	262.61	0.26%
TICS (TOTAL)	EA02-EP-13SB13-02101	13	SB-13	8.5-10.5	262.49	0.26%
TICS (TOTAL)	EA02-EP-20SB06-01305	20	SB-6	4.5-6.5	259.08	0.26%
TICS (TOTAL)	EA01-RE-11SB05-00501	11	SB-5	0.5-2.5	258.00	0.26%
TICS (TOTAL)	EA02-EP-21SB10-00901	21	SB-10	2.5-4.5	253.93	0.25%
TICS (TOTAL)	EA01-RE-12SS08-0010a	12	SS-8	0-0.5	253.80	0.25%
TICS (TOTAL)	EA02-EP-13SB14-02101	13	SB-14	8.5-10.5	253.24	0.25%
TICS (TOTAL)	EA02-EP-21SB10-01701	21	SB-10	6.5-8.5	252.32	0.25%
TICS (TOTAL)	EA01-RE-13SB03-00501	13	SB-3	0.5-2.5	245.79	0.24%
TICS (TOTAL)	EA02-EP-21SB12-00901	21	SB-12	2.5-4.5	243.89	0.24%
TICS (TOTAL)	EA02-EP-11SB09-01301	11	SB-9	4.5-6.5	243.86	0.24%

Table 2
Summary of Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Analyte	Sample Number	SWMU	Sample Location	Depth ft (bgs)	Result mg/kg	Contribution to Site-Wide TIC Concentration %
TICS (TOTAL)	EA01-RE-17SB05-02001	17	SB-5	8-10	237.96	0.24%
TICS (TOTAL)	EA02-EP-15SB16-00901	15	SB-16	2.5-4.5	237.74	0.24%
TICS (TOTAL)	EA02-EP-21SB11-01701	21	SB-11	6.5-8.5	232.29	0.23%
TICS (TOTAL)	EA02-EP-11SB13-01301	11	SB-13	4.5-6.5	231.97	0.23%
TICS (TOTAL)	EA02-EP-13SB16-03001	13	SB-16	13-15	227.10	0.22%
TICS (TOTAL)	EA01-RE-27SB02-00901	27	SB-2	2.5-4.5	227.00	0.22%
TICS (TOTAL)	EA02-EP-11SB09-00502	11	SB-9	0.5-2.5	226.17	0.22%
TICS (TOTAL)	EA02-EP-24SB07-01502	24	SB-7	5.5-7.5	224.15	0.22%
TICS (TOTAL)	EA01-RE-12SS15-0010a	12	SS-15	0-0.5	223.14	0.22%
TICS (TOTAL)	EA02-EP-27SB04-00505	27	SB-4	0.5-2.5	214.41	0.21%
TICS (TOTAL)	EA02-EP-21SB11-00901	21	SB-11	2.5-4.5	213.10	0.21%
TICS (TOTAL)	EA01-RE-13SB10-00501	13	SB-10	0.5-2.5	210.00	0.21%
TICS (TOTAL)	EA02-EP-13SB15-00901	13	SB-15	2.5-4.5	206.10	0.20%
TICS (TOTAL)	EA02-EP-22SB19-00901	22	SB-19	2.5-4.5	198.48	0.20%
TICS (TOTAL)	EA02-EP-21SB16-00901	21	SB-16	2.5-4.5	195.57	0.19%
TICS (TOTAL)	EA01-RE-15SB08-02501	15	SB-8	10.5-12.5	191.68	0.19%
TICS (TOTAL)	EA02-EP-21SB16-01701	21	SB-16	6.5-8.5	188.11	0.19%
TICS (TOTAL)	EA02-EP-18SB12-00501	18	SB-12	0.5-2.5	187.80	0.19%
TICS (TOTAL)	EA02-EP-20SB07-00501	20	SB-7	0.5-2.5	184.70	0.18%
TICS (TOTAL)	EA01-RE-17SB13-00801	17	SB-13	2-4	180.15	0.18%
TICS (TOTAL)	EA02-EP-11SB08-00501	11	SB-8	0.5-2.5	177.20	0.18%
TICS (TOTAL)	EA02-EP-21SB13-01705	21	SB-13	6.5-8.5	172.70	0.17%
TICS (TOTAL)	EA02-EP-14SB05-01301	14	SB-5	4.5-6.5	172.15	0.17%
TICS (TOTAL)	EA02-EP-20SB07-01301	20	SB-7	4.5-6.5	170.57	0.17%
TICS (TOTAL)	EA02-EP-15SB20-00901	15	SB-20	2.5-4.5	168.50	0.17%
TICS (TOTAL)	EA02-EP-14SB06-00501	14	SB-6	0.5-2.5	166.23	0.16%
TICS (TOTAL)	EA01-RE-22SB10-01701	22	SB-10	6.5-8.5	164.00	0.16%
TICS (TOTAL)	EA02-EP-21SB15-01701	21	SB-15	6.5-8.5	162.60	0.16%
TICS (TOTAL)	EA02-EP-24SB08-01301	24	SB-8	4.5-6.5	160.13	0.16%
TICS (TOTAL)	EA02-EP-22SB18-03001	22	SB-18	13-15	160.10	0.16%
TICS (TOTAL)	EA01-RE-13SB04-00501	13	SB-4	0.5-2.5	158.61	0.16%
TICS (TOTAL)	EA02-EP-20SB09-01301	20	SB-9	4.5-6.5	156.87	0.16%
TICS (TOTAL)	EA02-EP-20SB10-00501	20	SB-10	0.5-2.5	156.26	0.15%
TICS (TOTAL)	EA02-EP-20SB08-01601	20	SB-8	6-8	152.55	0.15%
TICS (TOTAL)	EA02-EP-13SB17-02401	13	SB-17	10-12	152.28	0.15%
TICS (TOTAL)	EA02-EP-27SB01-00501	27	SB-1	0.5-2.5	151.29	0.15%
TICS (TOTAL)	EA01-RE-17SB12-00801	17	SB-12	2-4	148.81	0.15%
TICS (TOTAL)	EA02-EP-14SB05-00501	14	SB-5	0.5-2.5	147.25	0.15%
TICS (TOTAL)	EA02-EP-11SB08-01301	11	SB-8	4.5-6.5	144.68	0.14%
TICS (TOTAL)	EA02-EP-20SB06-00501	20	SB-6	0.5-2.5	144.27	0.14%
TICS (TOTAL)	EA02-EP-01SB04-00501	01	SB-4	0.5-2.5	143.88	0.14%
TICS (TOTAL)	EA02-EP-01SB04-01301	01	SB-4	4.5-6.5	143.06	0.14%
TICS (TOTAL)	EA02-EP-13SB18-02101	13	SB-18	8.5-10.5	142.93	0.14%
TICS (TOTAL)	EA02-EP-21SB15-00901	21	SB-15	2.5-4.5	139.73	0.14%
TICS (TOTAL)	EA01-RE-17SB12-02005	17	SB-12	8-10	138.94	0.14%
TICS (TOTAL)	EA02-EP-05SB01-00501	05	SB-1	0.5-2.5	138.65	0.14%
TICS (TOTAL)	EA01-RE-17SB23-00505	17	SB-23	0.5-2.5	136.86	0.14%
TICS (TOTAL)	EA02-EP-21SB13-00901	21	SB-13	2.5-4.5	136.66	0.14%
TICS (TOTAL)	EA02-EP-24SB06-00501	24	SB-6	0.5-2.5	133.11	0.13%
TICS (TOTAL)	EA02-EP-14SB07-01301	14	SB-7	4.5-6.5	131.86	0.13%
TICS (TOTAL)	EA02-EP-14SB04-01301	14	SB-4	4.5-6.5	131.65	0.13%
TICS (TOTAL)	EA01-RE-17SB09-03201	17	SB-9	14-16	130.44	0.13%
TICS (TOTAL)	EA01-RE-15SB12-02101	15	SB-12	8.5-10.5	128.83	0.13%
TICS (TOTAL)	EA02-EP-22SB19-02101	22	SB-19	8.5-10.5	128.64	0.13%

Table 2
Summary of Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Analyte	Sample Number	SWMU	Sample Location	Depth ft (bgs)	Result mg/kg	Contribution to Site-Wide TIC Concentration %
TICS (TOTAL)	EA02-EP-11SB11-00501	11	SB-11	0.5-2.5	127.35	0.13%
TICS (TOTAL)	EA02-EP-01SB06-00501	01	SB-6	0.5-2.5	126.39	0.13%
TICS (TOTAL)	EA02-EP-16SB20-01301	16	SB-20	4.5-6.5	126.32	0.12%
TICS (TOTAL)	EA01-RE-24SB05-00505	24	SB-5	0.5-2.5	125.01	0.12%
TICS (TOTAL)	EA02-EP-13SB18-00901	13	SB-18	2.5-4.5	119.13	0.12%
TICS (TOTAL)	EA02-EP-15SB17-02105	15	SB-17	8.5-10.5	116.92	0.12%
TICS (TOTAL)	EA02-EP-13SB13-00901	13	SB-13	2.5-4.5	116.11	0.11%
TICS (TOTAL)	EA01-RE-13SB10-00901	13	SB-10	2.5-4.5	116.03	0.11%
TICS (TOTAL)	EA02-EP-16SB20-00501	16	SB-20	0.5-2.5	114.87	0.11%
TICS (TOTAL)	EA02-EP-27SB01-00901	27	SB-1	2.5-4.5	114.61	0.11%
TICS (TOTAL)	EA02-EP-22SB20-02101	22	SB-20	8.5-10.5	110.39	0.11%
TICS (TOTAL)	EA02-EP-14SB04-00501	14	SB-4	0.5-2.5	110.05	0.11%
TICS (TOTAL)	EA02-EP-11SB16-01301	11	SB-16	4.5-6.5	109.78	0.11%
TICS (TOTAL)	EA02-EP-18SB09-00501	18	SB-9	0.5-2.5	108.28	0.11%
TICS (TOTAL)	EA02-EP-15SB19-02401	15	SB-19	10-12	107.53	0.11%
TICS (TOTAL)	EA02-EP-27SB03-01202	27	SB-3	4-6	106.47	0.11%
TICS (TOTAL)	EA02-EP-15SB21-02401	15	SB-21	10-12	106.12	0.10%
TICS (TOTAL)	EA02-EP-22SB17-03202	22	SB-17	14-16	104.75	0.10%
TICS (TOTAL)	EA01-RE-17SB22-00502	17	SB-22	0.5-2.5	104.60	0.10%
TICS (TOTAL)	EA02-EP-15SB18-02101	15	SB-18	8.5-10.5	104.35	0.10%
TICS (TOTAL)	EA02-EP-01SB06-01301	01	SB-6	4.5-6.5	104.31	0.10%
TICS (TOTAL)	EA01-RE-13SB08-00901	13	SB-8	2.5-4.5	104.20	0.10%
TICS (TOTAL)	EA02-EP-05SB01-01302	05	SB-1	4.5-6.5	101.79	0.10%
TICS (TOTAL)	EA02-EP-01SB05-01301	01	SB-5	4.5-6.5	101.00	0.10%
TICS (TOTAL)	EA01-RE-12SS07-00101	12	SS-7	0-0.5	100.63	0.10%
TICS (TOTAL)	EA02-EP-15SB20-02101	15	SB-20	8.5-10.5	100.61	0.10%
TICS (TOTAL)	EA02-EP-21SB17-01701	21	SB-17	6.5-8.5	98.94	0.10%
TICS (TOTAL)	EA02-EP-21SB18-01701	21	SB-18	6.5-8.5	98.81	0.10%
TICS (TOTAL)	EA02-EP-11SB13-00501	11	SB-13	0.5-2.5	97.79	0.10%
TICS (TOTAL)	EA02-EP-21SB12-01701	21	SB-12	6.5-8.5	97.77	0.10%
TICS (TOTAL)	EA02-EP-21SB14-01701	21	SB-14	6.5-8.5	97.26	0.10%
TICS (TOTAL)	EA02-EP-14SB06-01301	14	SB-6	4.5-6.5	94.92	0.09%
TICS (TOTAL)	EA02-EP-11SB11-01301	11	SB-11	4.5-6.5	94.69	0.09%
TICS (TOTAL)	EA02-EP-05SB02-00501	05	SB-2	0.5-2.5	93.64	0.09%
TICS (TOTAL)	EA01-RE-13SB07-00902	13	SB-7	2.5-4.5	92.94	0.09%
TICS (TOTAL)	EA02-EP-18SB12-01301	18	SB-12	4.5-6.5	92.65	0.09%
TICS (TOTAL)	EA02-EP-16SB19-01301	16	SB-19	4.5-6.5	90.68	0.09%
TICS (TOTAL)	EA01-RE-15SB13-01701	15	SB-13	6.5-8.5	88.31	0.09%
TICS (TOTAL)	EA01-RE-17SB08-00801	17	SB-8	2-4	85.21	0.08%
TICS (TOTAL)	EA02-EP-18SB10-00501	18	SB-10	0.5-2.5	81.54	0.08%
TICS (TOTAL)	EA01-RE-17SB07-03201	17	SB-7	14-16	81.14	0.08%
TICS (TOTAL)	EA01-RE-17SB21-00505	17	SB-21	0.5-2.5	80.32	0.08%
TICS (TOTAL)	EA01-RE-13SB06-00501	13	SB-6	0.5-2.5	79.18	0.08%
TICS (TOTAL)	EA02-EP-18SB09-01301	18	SB-9	4.5-6.5	78.74	0.08%
TICS (TOTAL)	EA02-EP-22SB16-02101	22	SB-16	8.5-10.5	76.37	0.08%
TICS (TOTAL)	EA02-EP-22SB16-00901	22	SB-16	2.5-4.5	75.96	0.08%
TICS (TOTAL)	EA01-RE-17SB03-02001	17	SB-3	8-10	74.20	0.07%
TICS (TOTAL)	EA02-EP-11SB17-01301	11	SB-17	4.5-6.5	73.40	0.07%
TICS (TOTAL)	EA01-RE-17SB09-02001	17	SB-9	8-10	73.15	0.07%
TICS (TOTAL)	EA01-RE-22SB02-00505	22	SB-2	0.5-2.5	72.70	0.07%
TICS (TOTAL)	EA02-EP-05SB02-01301	05	SB-2	4.5-6.5	72.15	0.07%
TICS (TOTAL)	EA02-EP-18SB10-01301	18	SB-10	4.5-6.5	71.67	0.07%
TICS (TOTAL)	EA01-RE-27SB04-00901	27	SB-4	2.5-4.5	67.50	0.07%
TICS (TOTAL)	EA01-RE-17SB17-02101	17	SB-17	8.5-10.5	64.47	0.06%

Table 2
Summary of Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Analyte	Sample Number	SWMU	Sample Location	Depth ft (bgs)	Result mg/kg	Contribution to Site-Wide TIC Concentration %
TICS (TOTAL)	EA02-EP-27SB03-00501	27	SB-3	0.5-2.5	63.79	0.06%
TICS (TOTAL)	EA02-EP-13SB11-03001	13	SB-11	13.5-15	63.04	0.06%
TICS (TOTAL)	EA01-RE-13SB09-00501	13	SB-9	0.5-2.5	62.77	0.06%
TICS (TOTAL)	EA02-EP-27SB02-01601	27	SB-2	6-8	61.21	0.06%
TICS (TOTAL)	EA02-EP-18SB11-00501	18	SB-11	0.5-2.5	60.68	0.06%
TICS (TOTAL)	EA02-EP-27SB01-01601	27	SB-1	6-8	59.69	0.06%
TICS (TOTAL)	EA01-RE-12SS13-0010a	12	SS-13	0-0.5	59.63	0.06%
TICS (TOTAL)	EA02-EP-27SB02-00501	27	SB-2	0.5-2.5	58.82	0.06%
TICS (TOTAL)	EA01-RE-22SB09-01301	22	SB-9	4.5-6.5	56.49	0.06%
TICS (TOTAL)	EA01-RE-22SB05-00502	22	SB-5	0.5-2.5	55.37	0.05%
TICS (TOTAL)	EA01-RE-22SB09-00501	22	SB-9	0.5-2.5	54.98	0.05%
TICS (TOTAL)	EA01-RE-22SB10-02101	22	SB-10	8.5-10.5	54.09	0.05%
TICS (TOTAL)	EA02-EP-18SB11-01301	18	SB-11	4.5-6.5	53.52	0.05%
TICS (TOTAL)	EA02-EP-07SB01-00501	07	SB-1	0.5-2.5	48.81	0.05%
TICS (TOTAL)	EA01-RE-20SB04-00501	20	SB-4	0.5-2.5	48.80	0.05%
TICS (TOTAL)	EA01-RE-22SB06-00501	22	SB-6	0.5-2.5	48.40	0.05%
TICS (TOTAL)	EA01-RE-13SB07-00501	13	SB-7	0.5-2.5	47.82	0.05%
TICS (TOTAL)	EA01-RE-13SB04-00901	13	SB-4	2.5-4.5	46.50	0.05%
TICS (TOTAL)	EA01-RE-17SB10-00501	17	SB-10	0.5-2.5	45.62	0.05%
TICS (TOTAL)	EA02-EP-27SB04-01301	27	SB-4	4.5-6.5	43.00	0.04%
TICS (TOTAL)	EA02-EP-27SB02-01001	27	SB-2	3-5	42.68	0.04%
TICS (TOTAL)	EA01-RE-16SB12-00501	16	SB-12	0.5-2.5	41.51	0.04%
TICS (TOTAL)	EA01-RE-17SB02-00501	17	SB-2	0.5-2.5	41.51	0.04%
TICS (TOTAL)	EA01-RE-17SB01-00501	17	SB-1	0.5-2.5	41.50	0.04%
TICS (TOTAL)	EA01-RE-22SB11-00501	22	SB-11	0.5-2.5	41.50	0.04%
TICS (TOTAL)	EA01-RE-15SB06-02101	15	SB-6	8.5-10.5	40.75	0.04%
TICS (TOTAL)	EA01-RE-13SB02-00901	13	SB-2	2.5-4.5	40.64	0.04%
TICS (TOTAL)	EA01-RE-21SB02-00501	21	SB-2	0.5-2.5	39.70	0.04%
TICS (TOTAL)	EA01-RE-22SB12-01301	22	SB-12	4.5-6.5	39.63	0.04%
TICS (TOTAL)	EA01-RE-11SB01-00501	11	SB-1	0.5-2.5	39.33	0.04%
TICS (TOTAL)	EA02-EP-27SB03-02201	27	SB-3	9-11	38.14	0.04%
TICS (TOTAL)	EA02-EP-27SB04-02401	27	SB-4	10-12	36.87	0.04%
TICS (TOTAL)	EA01-RE-17SB03-03201	17	SB-3	14-16	35.70	0.04%
TICS (TOTAL)	EA01-RE-13SB03-02101	13	SB-3	8.5-10.5	35.10	0.03%
TICS (TOTAL)	EA01-RE-22SB12-00501	22	SB-12	0.5-2.5	34.73	0.03%
TICS (TOTAL)	EA01-RE-17SB13-02001	17	SB-13	8-10	33.79	0.03%
TICS (TOTAL)	EA02-EP-24SB12-00501	24	SB-12	0.5-2.5	33.77	0.03%
TICS (TOTAL)	EA01-RE-17SB19-00501	17	SB-19	0.5-2.5	33.50	0.03%
TICS (TOTAL)	EA01-RE-17SB16-00801	17	SB-16	2-4	31.50	0.03%
TICS (TOTAL)	EA01-RE-17SB12-03201	17	SB-12	14-16	31.00	0.03%
TICS (TOTAL)	EA01-RE-13SB09-02101	13	SB-9	8.5-10.5	30.70	0.03%
TICS (TOTAL)	EA01-RE-25SB08-01702	25	SB-8	6.5-8.5	30.60	0.03%
TICS (TOTAL)	EA01-RE-17SB07-00801	17	SB-7	2-4	28.81	0.03%
TICS (TOTAL)	EA01-RE-15SB15-01301	15	SB-15	4.5-6.5	28.33	0.03%
TICS (TOTAL)	EA01-RE-18SB01-00501	18	SB-1	0.5-2.5	27.94	0.03%
TICS (TOTAL)	EA01-RE-21SB01-00901	21	SB-1	2.5-4.5	27.90	0.03%
TICS (TOTAL)	EA01-RE-21SB08-00501	21	SB-8	0.5-2.5	27.80	0.03%
TICS (TOTAL)	EA01-RE-15SB01-02901	15	SB-1	12.5-14.5	27.66	0.03%
TICS (TOTAL)	EA01-RE-22SB15-00501	22	SB-15	0.5-2.5	27.21	0.03%
TICS (TOTAL)	EA01-RE-22SB07-00501	22	SB-7	0.5-2.5	27.20	0.03%
TICS (TOTAL)	EA01-RE-17SB06-00501	17	SB-6	0.5-2.5	26.40	0.03%
TICS (TOTAL)	EA01-RE-22SB11-01701	22	SB-11	6.5-8.5	25.48	0.03%
TICS (TOTAL)	EA01-RE-27SB03-00901	27	SB-3	2.5-4.5	25.40	0.03%
TICS (TOTAL)	EA01-RE-27SB05-00501	27	SB-5	0.5-2.5	25.40	0.03%

Table 2
Summary of Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Analyte	Sample Number	SWMU	Sample Location	Depth ft (bgs)	Result mg/kg	Contribution to Site-Wide TIC Concentration %
TICS (TOTAL)	EA01-RE-17SB16-03201	17	SB-16	14-16	25.01	0.02%
TICS (TOTAL)	EA01-RE-01SB01-00501	01	SB-1	0.5-2.5	24.01	0.02%
TICS (TOTAL)	EA01-RE-13SB02-02902	13	SB-2	12.5-14.5	23.76	0.02%
TICS (TOTAL)	EA01-RE-15SB03-01701	15	SB-3	6.5-8.5	23.72	0.02%
TICS (TOTAL)	EA01-RE-22SB08-00501	22	SB-8	0.5-2.5	23.60	0.02%
TICS (TOTAL)	EA01-RE-15SB05-02102	15	SB-5	8.5-10.5	22.79	0.02%
TICS (TOTAL)	EA01-RE-17SB16-02001	17	SB-16	8-10	21.89	0.02%
TICS (TOTAL)	EA01-RE-13SB05-01301	13	SB-5	4.5-6.5	21.25	0.02%
TICS (TOTAL)	EA01-RE-13SB06-00901	13	SB-6	2.5-4.5	19.78	0.02%
TICS (TOTAL)	EA01-RE-26SB02-02501	26	SB-2	2.5-4.5	19.70	0.02%
TICS (TOTAL)	EA01-RE-15SB14-01301	15	SB-14	4.5-6.5	19.60	0.02%
TICS (TOTAL)	EA01-RE-13SB07-01301	13	SB-7	4.5-6.5	19.43	0.02%
TICS (TOTAL)	EA02-EP-ETP1-1-01301	01	ETP1-1	4.5-6.5	18.29	0.02%
TICS (TOTAL)	EA01-RE-21SB02-01705	21	SB-2	6.5-8.5	17.80	0.02%
TICS (TOTAL)	EA01-RE-13SB08-00501	13	SB-8	0.5-2.5	17.60	0.02%
TICS (TOTAL)	EA02-EP-ETP18-1-01301	18	ETP18-1	4.5-6.5	17.59	0.02%
TICS (TOTAL)	EA01-RE-22SB14-01301	22	SB-14	4.5-6.5	17.41	0.02%
TICS (TOTAL)	EA01-RE-27SB02-02101	27	SB-2	8.5-10.5	15.90	0.02%
TICS (TOTAL)	EA01-RE-13SB06-01301	13	SB-6	4.5-6.5	15.40	0.02%
TICS (TOTAL)	EA01-RE-14SB02-00501	14	SB-2	0.5-2.5	15.21	0.02%
TICS (TOTAL)	EA01-RE-27SB03-02101	27	SB-3	8.5-10.5	14.90	0.01%
TICS (TOTAL)	EA01-RE-17SB03-00801	17	SB-3	2-4	14.77	0.01%
TICS (TOTAL)	EA01-RE-17SB04-02001	17	SB-4	8-10	14.60	0.01%
TICS (TOTAL)	EA01-RE-21SB08-00901	21	SB-8	2.5-4.5	13.92	0.01%
TICS (TOTAL)	EA01-RE-22SB10-00501	22	SB-10	0.5-2.5	13.80	0.01%
TICS (TOTAL)	EA01-RE-13SB08-02101	13	SB-8	8.5-10.5	13.72	0.01%
TICS (TOTAL)	EA01-RE-15SB02-02101	15	SB-2	8.5-10.5	13.70	0.01%
TICS (TOTAL)	EA01-RE-27SB04-02101	27	SB-4	8.5-10.5	13.22	0.01%
TICS (TOTAL)	EA01-RE-15SB07-02102	15	SB-7	8.5-10.5	13.16	0.01%
TICS (TOTAL)	EA01-RE-22SB01-00502	22	SB-1	0.5-2.5	12.82	0.01%
TICS (TOTAL)	EA01-RE-27SB01-01701	27	SB-1	6.5-8.5	12.81	0.01%
TICS (TOTAL)	EA01-RE-13SB09-01701	13	SB-9	6.5-8.5	12.80	0.01%
TICS (TOTAL)	EA01-RE-15SB10-02101	15	SB-10	8.5-10.5	12.50	0.01%
TICS (TOTAL)	EA01-RE-22SB12-01701	22	SB-12	6.5-8.5	12.00	0.01%
TICS (TOTAL)	EA01-RE-26SB01-02101	26	SB-1	0.5-2.5	11.90	0.01%
TICS (TOTAL)	EA01-RE-21SB02-00901	21	SB-2	2.5-4.5	11.60	0.01%
TICS (TOTAL)	EA01-RE-22SB08-01301	22	SB-8	4.5-6.5	11.30	0.01%
TICS (TOTAL)	EA01-RE-17SB07-02001	17	SB-7	8-10	11.19	0.01%
TICS (TOTAL)	EA02-EP-ETP16-1-01301	16	ETP16-1	5-6.5	11.14	0.01%
TICS (TOTAL)	EA01-RE-22SB08-02101	22	SB-8	8.5-10.5	11.07	0.01%
TICS (TOTAL)	EA01-RE-17SB08-02002	17	SB-8	8-10	10.98	0.01%
TICS (TOTAL)	EA01-RE-21SB01-02101	21	SB-1	8.5-10.5	10.89	0.01%
TICS (TOTAL)	EA01-RE-22SB13-01301	22	SB-13	4.5-6.5	10.88	0.01%
TICS (TOTAL)	EA01-RE-15SB04-01701	15	SB-4	6.5-8.5	10.67	0.01%
TICS (TOTAL)	EA01-RE-26SB03-02101	26	SB-3	4.5-6.5	10.50	0.01%
TICS (TOTAL)	EA01-RE-27SB05-01301	27	SB-5	4.5-6.5	10.30	0.01%
TICS (TOTAL)	EA01-RE-21SB08-01301	21	SB-8	4.5-6.5	9.91	0.01%
TICS (TOTAL)	EA01-RE-27SB05-02101	27	SB-5	8.5-10.5	9.80	0.01%
TICS (TOTAL)	EA01-RE-15SB09-01701	15	SB-9	6.5-8.5	9.40	0.01%
TICS (TOTAL)	EA01-RE-13SB05-01701	13	SB-5	6.5-8.5	8.97	0.01%
TICS (TOTAL)	EA01-RE-22SB13-00501	22	SB-13	0.5-2.5	8.06	0.01%
TICS (TOTAL)	EA01-RE-13SB01-01301	13	SB-1	4.5-6.5	8.01	0.01%
TICS (TOTAL)	EA01-RE-17SB04-03201	17	SB-4	14-16	7.74	0.01%
TICS (TOTAL)	EA01-RE-13SB10-02901	13	SB-10	12.5-14.5	7.70	0.01%

Table 2
Summary of Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Analyte	Sample Number	SWMU	Sample Location	Depth ft (bgs)	Result mg/kg	Contribution to Site-Wide TIC Concentration %
TICS (TOTAL)	EA01-RE-22SB15-02101	22	SB-15	8.5-10.5	7.67	0.01%
TICS (TOTAL)	EA01-RE-22SB09-02101	22	SB-9	8.5-10.5	7.61	0.01%
TICS (TOTAL)	EA01-RE-22SB14-00501	22	SB-14	0.5-2.5	7.52	0.01%
TICS (TOTAL)	EA01-RE-12SS14-00101	12	SS-14	0-0.5	7.05	0.01%
TICS (TOTAL)	EA01-RE-15SB11-01701	15	SB-11	6.5-8.5	6.21	0.01%
TICS (TOTAL)	EA01-RE-22SB13-02101	22	SB-13	8.5-10.5	6.07	0.01%
TICS (TOTAL)	EA01-RE-13SB02-00501	13	SB-2	0.5-2.5	5.91	0.01%
TICS (TOTAL)	EA01-RE-22SB15-00901	22	SB-15	2.5-4.5	5.89	0.01%
TICS (TOTAL)	EA01-RE-13SB01-00901	13	SB-1	2.5-4.5	4.59	0.00%
TICS (TOTAL)	EA02-EP-11SB10-02301	11	SB-10	9.5-11.5	2.89	0.00%
TICS (TOTAL)	EA01-RE-12SS17-00101	12	SS-17	0-0.5	2.77	0.00%
TICS (TOTAL)	EA01-RE-13SB01-00501	13	SB-1	0.5-2.5	0.20	0.00%
TICS (TOTAL)	EA01-RE-01SB02-00501	01	SB-2	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-01SB03-00501	01	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-11SB02-00501	11	SB-2	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-11SB03-00501	11	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-11SB06-00501	11	SB-6	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-14SB01-00501	14	SB-1	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-14SB03-00501	14	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB01-00501	16	SB-1	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB02-00501	16	SB-2	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB03-00501	16	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB04-00501	16	SB-4	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB05-00501	16	SB-5	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB06-00501	16	SB-6	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB07-00501	16	SB-7	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB08-00501	16	SB-8	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB09-00501	16	SB-9	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB10-00501	16	SB-10	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB11-00501	16	SB-11	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB13-00501	16	SB-13	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB14-00501	16	SB-14	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB16-00501	16	SB-16	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB17-00501	16	SB-17	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-16SB18-00501	16	SB-18	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-18SB02-00501	18	SB-2	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-18SB03-00501	18	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-18SB04-00501	18	SB-4	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-18SB05-00501	18	SB-5	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-18SB06-00501	18	SB-6	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-18SB07-00501	18	SB-7	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-18SB08-00501	18	SB-8	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-20SB01-00501	20	SB-1	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-20SB02-00501	20	SB-2	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-20SB03-00501	20	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-20SB05-00501	20	SB-5	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB03-00501	21	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB03-00901	21	SB-3	2.5-4.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB03-01301	21	SB-3	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB04-00501	21	SB-4	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB04-01301	21	SB-4	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB04-01701	21	SB-4	6.5-8.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB05-00501	21	SB-5	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB05-01301	21	SB-5	4.5-6.5	0.00	0.00%

Table 2
Summary of Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, MI

Analyte	Sample Number	SWMU	Sample Location	Depth ft (bgs)	Result mg/kg	Contribution to Site-Wide TIC Concentration %
TICS (TOTAL)	EA01-RE-21SB05-01701	21	SB-5	6.5-8.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB06-00501	21	SB-6	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB06-01301	21	SB-6	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB06-01701	21	SB-6	6.5-8.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB07-00501	21	SB-7	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB07-00901	21	SB-7	2.5-4.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB07-01301	21	SB-7	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB09-00505	21	SB-9	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB09-00901	21	SB-9	2.5-4.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-21SB09-01701	21	SB-9	6.5-8.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-24SB01-00501	24	SB-1	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-24SB02-00501	24	SB-2	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-24SB03-00501	24	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-24SB04-00501	24	SB-4	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB01-00501	25	SB-1	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB02-00501	25	SB-2	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB03-00501	25	SB-3	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB04-00501	25	SB-4	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB05-00501	25	SB-5	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB06-00501	25	SB-6	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB06-00502	25	SB-6	2.5-4.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB06-00901	25	SB-6	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB07-00501	25	SB-7	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB07-01301	25	SB-7	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB07-02101	25	SB-7	8.5-10.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB08-00501	25	SB-8	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB08-00901	25	SB-8	2.5-4.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB09-00501	25	SB-09	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB09-01101	25	SB-09	3.5-5.5	0.00	0.00%
TICS (TOTAL)	EA01-RE-25SB09-01301	25	SB-09	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-16SB12-00501	16	SB-12	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-16SB12-01301	16	SB-12	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-16SB13-01301	16	SB-13	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-16SB14-01301	16	SB-14	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-16SB15-01301	16	SB-15	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-16SB16-01301	16	SB-16	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-16SB17-01301	16	SB-17	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-16SB18-01301	16	SB-18	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-20SB11-01301	20	SB-11	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-25SB10-00701	25	SB-10	1.5-3.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-25SB10-01301	25	SB-10	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-25SB11-00501	25	SB-11	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-25SB11-01301	25	SB-11	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-26SB04-00501	26	SB-4	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-26SB04-01401	26	SB-4	5-7	0.00	0.00%
TICS (TOTAL)	EA02-EP-26SB05-00505	26	SB-5	0.5-2.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-26SB05-01301	26	SB-5	4.5-6.5	0.00	0.00%
TICS (TOTAL)	EA02-EP-26SB06-02001	26	SB-6	8-10	0.00	0.00%

Table 3
Geographical Extent of Modeled Tentatively Identified Compounds in Soil (0-16 feet bgs)
East Plant, Arkema Inc, Riverview, Michigan

SWMU	Sample Location	Sample Mass Concentration (mg/kg)	Percentage of Total TIC Concentration at Site	Depth Range (ft bgs)	Potential Remediation Volume (yd ³)
07	SB-1	4.21E+04	41.60%	6.5	53
24	SB-6	8.06E+03	7.97%	6.5	1411
17	SB-14	6.26E+03	6.20%	4	858

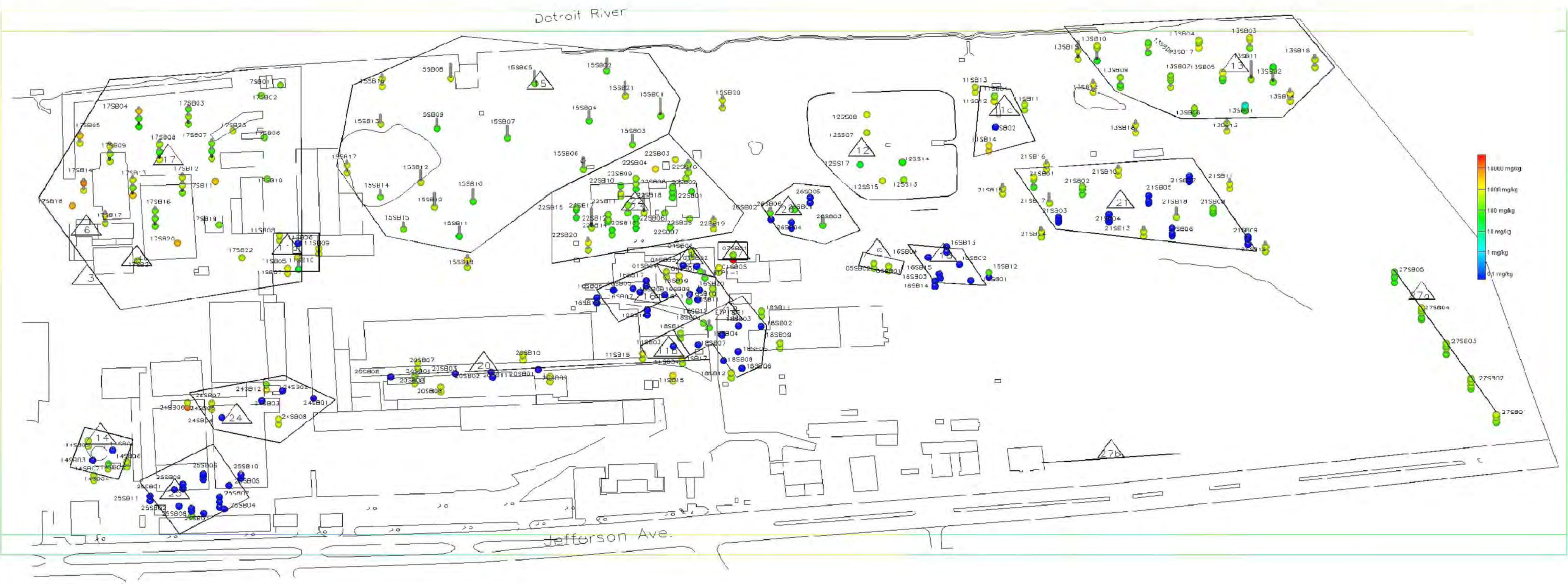
Detroit River

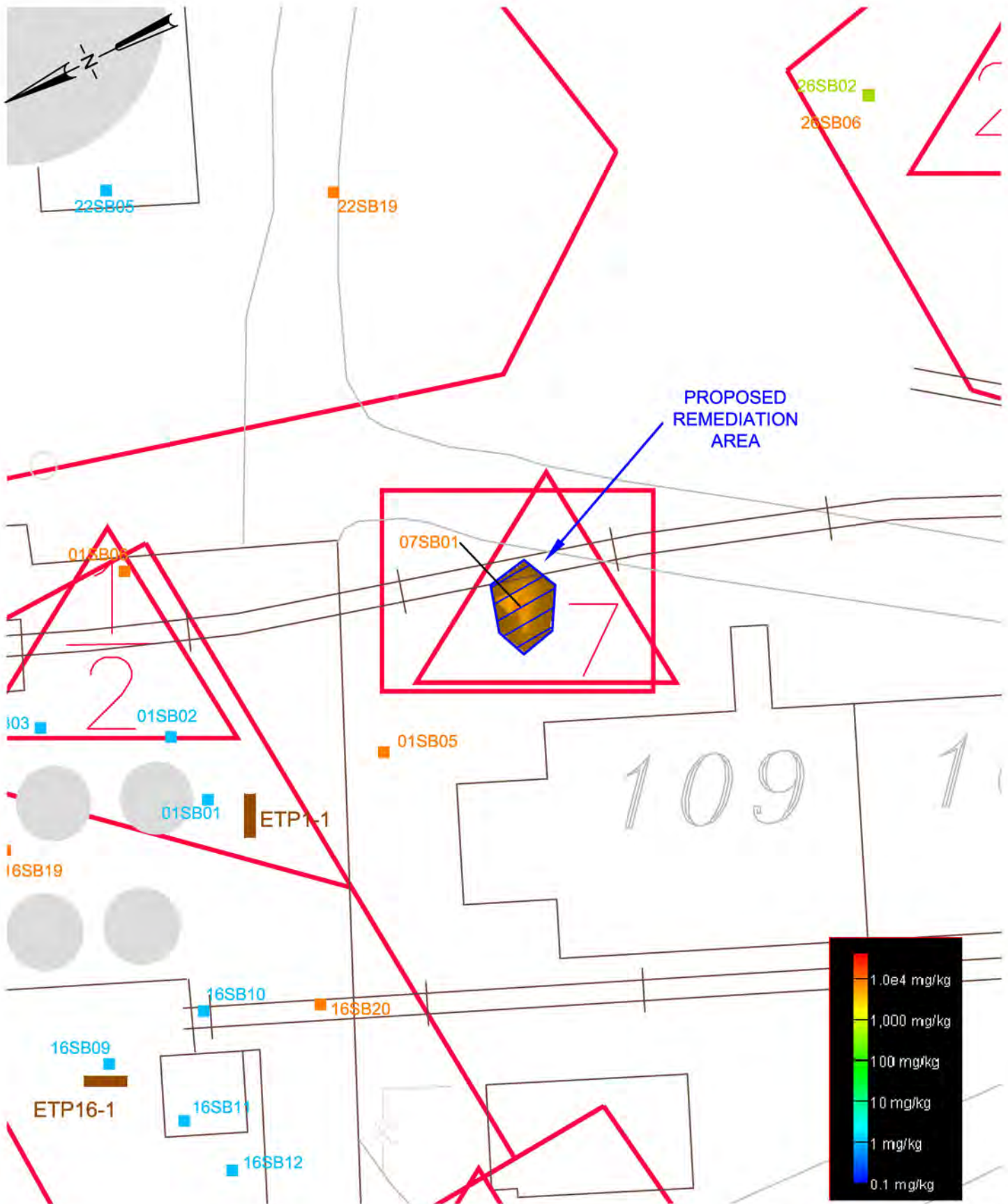


0 50 100 200
APPROXIMATE SCALE IN FEET



FIGURE 1:
SITE MAP





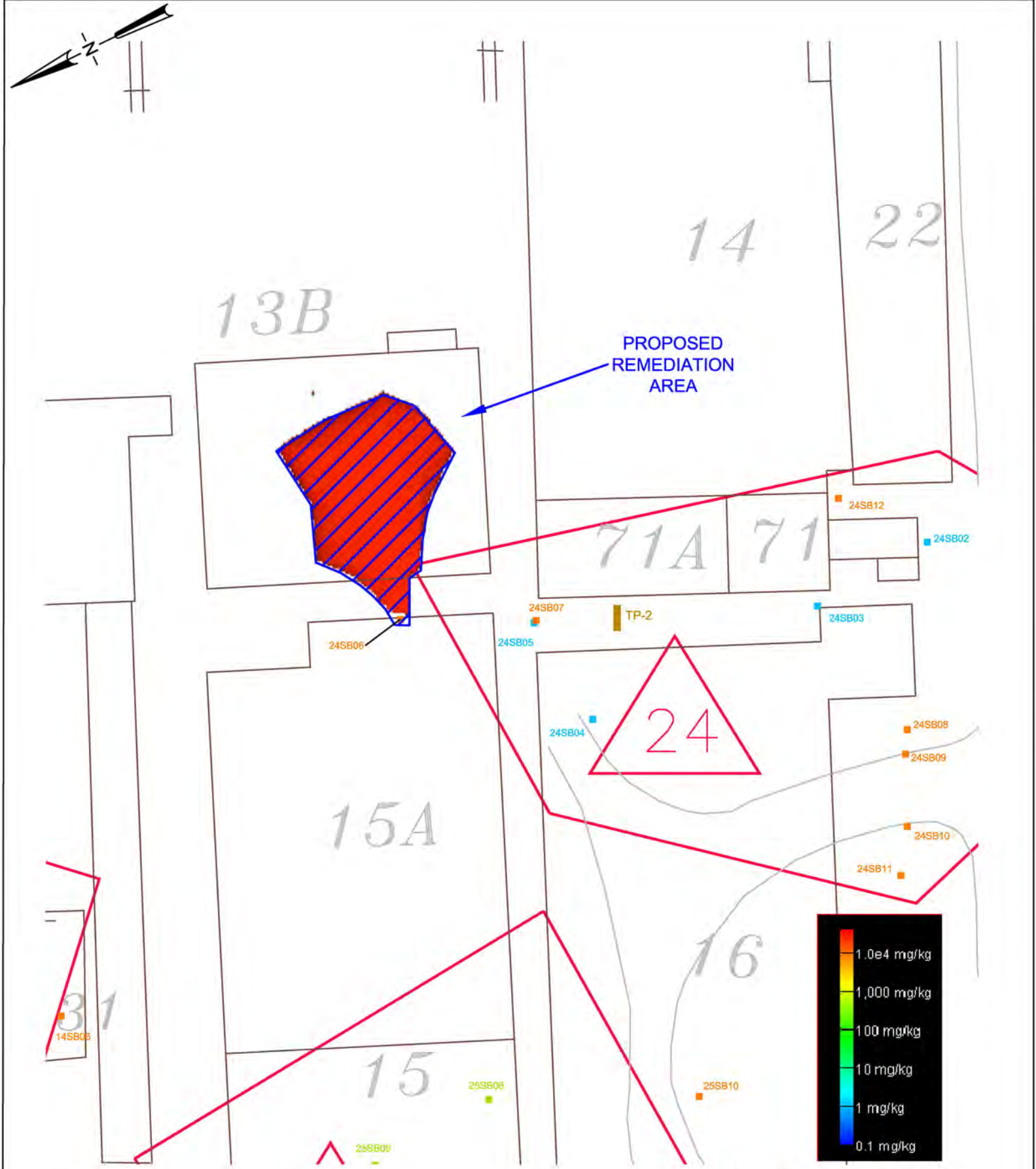
LEGEND

- | | | | |
|--|-------------------------|--|-----------------------------------|
| | SWMU OR AREA OF CONCERN | | PHASE I INTERMEDIATE SOIL BORINGS |
| | BUILDINGS | | PHASE II SOIL BORINGS |
| | RAILROAD | | PHASE I SHALLOW SOIL BORINGS |
| | | | TP-9 |
| | | | ETP-1-1 |
| | | | 1986 TEST PIT/SOIL BORING/SURFACE |
| | | | SAMPLE LOCATIONS |
| | | | PHASE II TEST PIT |



FIGURE 3: MODELED EXTENT OF TENTATIVELY IDENTIFIED COMPOUNDS IN SWMU 7 - EAST PLANT

ARKEMA INC
RIVERVIEW, MICHIGAN



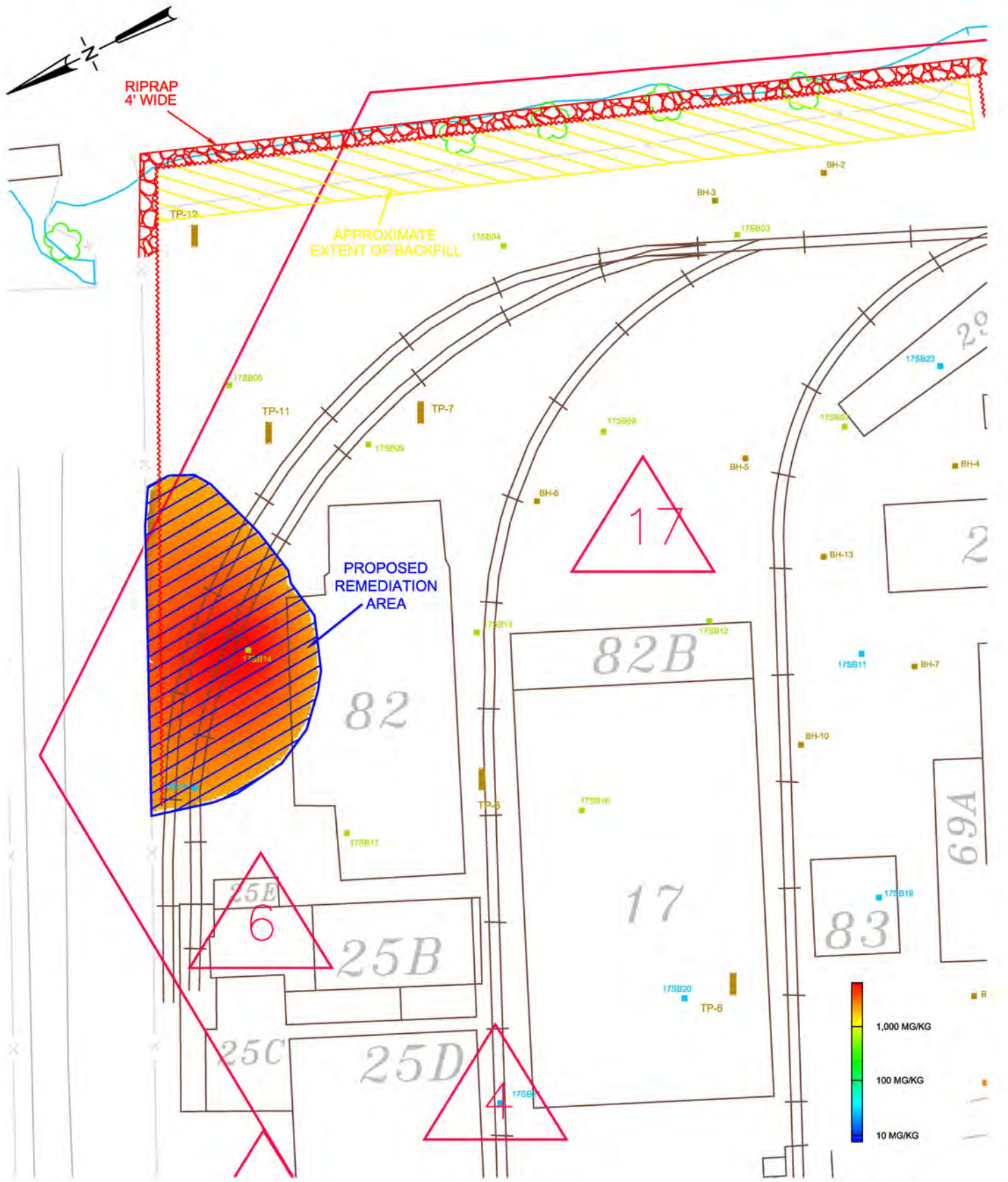
LEGEND

- | | | | | |
|--|-------------------------|--|---------|--|
| | SWMU OR AREA OF CONCERN | | 25SB12 | PHASE I INTERMEDIATE SOIL BORINGS |
| | BUILDINGS | | 018B05 | PHASE II SOIL BORINGS |
| | RAILROAD | | 18SB01 | PHASE I SHALLOW SOIL BORINGS |
| | | | TP-9 | 1986 TEST PIT/SOIL BORING/SURFACE SAMPLE LOCATIONS |
| | | | ETP-1-1 | PHASE II TEST PIT |



FIGURE 4: MODELED EXTENT OF TENTATIVELY IDENTIFIED COMPOUNDS IN SWMU 24 - EAST PLANT

ARKEMA INC
RIVERVIEW, MICHIGAN



LEGEND

- SWMU OR AREA OF CONCERN
- BUILDINGS
- RAILROAD
- SHEET PILE WALL
- EXISTING FENCE

- 22SB12
- 01SB09
- 18SB01
- TP-9
- ETP1-1
- PHASE I INTERMEDIATE SOIL BORINGS
- PHASE II SOIL BORINGS
- PHASE I SHALLOW SOIL BORINGS
- 1986 TEST PIT/SOIL BORING/SURFACE SAMPLE LOCATIONS
- PHASE II TEST PIT



FIGURE 5: MODELED EXTENT OF TENTATIVELY IDENTIFIED COMPOUNDS IN SWMU 17 - EAST PLANT

ARKEMA INC
RIVERVIEW, MICHIGAN

**Figure 6 - Trend Analysis for Tentatively Identified Compounds in Soil (0-16 ft bgs)
East Plant, Arkema Inc, Riverview, MI**

