PCB REMEDIATION COMPLETION REPORT

Arkema Inc. – West Plant
Riverview, Michigan

MARCH 2, 2012
REF. NO. 032427 (12)

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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) has prepared this PCB Remediation Completion Report on behalf of Arkema Inc. (Arkema) for the Arkema West Plant property located at 17168 Jefferson Avenue in Riverview, Michigan (Site). Refer to Figure 1.1 for a Site location map.

This PCB Remediation Completion Report (Report) details PCB remediation activities conducted at the Site to comply with the record keeping requirements under Title 40 of the Code of Federal Regulations (CFR) Part 761.125(c)(5). Work described in this report was conducted in accordance with the approved Site-wide PCB Cleanup Plan dated May 2010, which was prepared in accordance with §761.61(c), as an application to the United States Environmental Protection Agency (U.S. EPA) to implement a cleanup of Site-related PCB contamination under the risk-based cleanup option.

As part of the PCB remediation activities, phases of Site characterization sampling were conducted in 2010 and 2011 to confirm limits of excavation and complete waste characterization for disposal approval. Site remediation work was conducted from November 7, 2011 through January 12, 2012 by The Environmental Quality Company (EQ or Contractor) and their subcontractor (J&L Management) under direct contract with Arkema. CRA acted as the Arkema's Site representative (Project Manager) to oversee activities and implement the remediation contract.

This Report provides a Site background and current conditions, discusses the location and nature of PCB impacts, provides relevant details regarding investigation, characterization, and verification sampling activities, summarizes the removal, management and disposal of wastes, and details means and methods of remediation. This Report also includes tables summarizing sample analytical results, figures showing remaining sample locations and PCB concentrations and other pertinent records associated with the remediation activities conducted at the Site.

1.1 BACKGROUND

The West Plant property encompasses approximately 53 acres and is located at the southwest corner of Pennsylvania Avenue and West Jefferson Avenue (Biddle Avenue) in Riverview, Michigan. Historically the property was used for chemical manufacturing and is zoned for industrial use. The property is currently vacant and secured with perimeter chain link fence and locked gates.

During previous Site investigations, concentrations of PCBs were identified at the West Plant. It was determined that the concentrations of PCBs above regulatory limits were primarily located in shallow subsurface soils in several on-Site above ground tank secondary containment areas. The date of release and the original source and concentration of the PCBs are unknown.

Because of the discovery of PCBs, several phases of investigation were conducted in 2003, the results of which were submitted to the U.S. EPA between April 2003 and February 2004 (see submittal references in Section 4.0). As part of the submittals, risk-based PCB cleanup plans for the entire Site were detailed pursuant to §761.61(c). The proposed cleanup plans were based on low occupancy, use restrictions, use of PCB labeling, and the presence of caps to control exposure. This was due to the existence of active plant operations and processes, which prohibited safe removal of impacted soil. Based upon the cleanup plans, caps were installed in the identified impacted secondary containment areas. At U.S. EPA's request, supplemental information was provided in August 2007 regarding the effectiveness of the installed caps.

In 2007, Arkema transferred control and ownership of the operations of the Riverview West Plant facility to Taminco Higher Amines, Inc. (Taminco). Although Taminco controlled plant processes, Arkema retained ownership of the property. Related to the operations control transfer and review of Site manufacturing, select areas of the facility were decommissioned and demolished. Due to the changed conditions, further investigation was completed and the remediation plan was modified. Investigation activities conducted in 2003 detected concentrations of PCBs in some of the areas included in the decommissioning work, specifically containment areas D3, D4, D5, D33 and D50. In October 2007, a PCB Cleanup Plan was prepared and submitted to the U.S. EPA to address PCB impacts associated with these containment areas through further investigation and subsequent removal of contaminated soil under §761.61(a). In addition to addressing D3, D4, D5, and D33, the October 2007 Plan also addressed additional capping provided for D50. Remaining areas of the active facility (i.e., those outside of containment areas D3, D4, D5, D33 and D50) continued to be addressed by the previously submitted documentation.

Following submittal and approval of the October 2007 Cleanup Plan, a review of construction found that portions of the containment walls of D3, D4 and D5 provided structural support to active overhead process pipes that could not be disturbed during remediation. As the original plan accounted for removal of all concrete containment walls, the investigation work deviated from the original plan by including concrete sampling to evaluate leaving the walls in place.

Follow-up sampling was conducted in May, July and August 2008 to further investigate containment areas D3, D4, D5 and D33. Results of the activities delineated PCB impacts associated with D3, D4, D5 and D33 and showed that PCBs had not impacted concrete. As a result of the 2008 sampling activities, a revised Plan was submitted to the U.S. EPA in January 2009 to detail the excavation boundaries associated with containment areas D3, D4, D5 and D33 and to account for leaving concrete walls in place.

Arkema received approval from the U.S. EPA for the January 2009 Plan in March 2009. During this time Taminco indicated that it was planning to cease operations and decommission and demolish the plant. Due to the planned decommissioning and demolition effort and the opportunity to actively address PCBs on a Site-wide basis, a Site-wide PCB Cleanup Plan was prepared. This updated plan was submitted to the EPA in May 2010 and approved in June 2010. This updated plan incorporated the changed conditions at the facility.

Decommissioning and demolition of all industrial equipment and buildings was completed in April 2010. Subsequent to plant decommissioning, several rounds of investigation were performed in June and July 2010 to characterize PCB impacts on a Site-wide basis. Results of these characterization sampling activities delineated the horizontal and vertical extent of known PCB impacts associated with the subject containment areas.

Subsequent to characterization efforts and to facilitate immediate backfill during remediation, pre-excavation verification sampling was proposed and approved by the U.S. EPA. CRA mobilized to the Site from October 4 through October 13, 2010 to conduct PCB verification sampling activities. Upon completion of the verification sampling activities, delineation of the horizontal and vertical extent of known PCB impacts was confirmed and the areas of remediation were identified.

In order to adequately characterize the waste and receive disposal approval, waste characterization sampling was completed in March and May 2011. This work included the collection of representative samples from the proposed excavation areas and submitting for total and TCLP analysis. The results of this work were incorporated into the waste profiles used for approval for disposal at the designated landfills. The results of all the completed investigations and analysis were provided to the EPA.

1.2 SUMMARY AND OBJECTIVE

PCB investigation and reporting activities were completed at the West Plant property including characterization and pre-excavation verification sampling activities and submittal of a Site-wide PCB Cleanup Plan in accordance with §761.61(c). All related investigation activities and submittals have been reviewed and approved by the U.S. EPA.

Based on activities completed, a total of 15 former containment areas on Site were found to contain concentrations of PCBs greater than the cleanup objective of 25 ppm established in the May 2010 Cleanup Plan: D2, D3, D4, D5, D6, D7, D8, D10, D11, D30, D33, D34, D38, D42 and D50. In addition, there were a total of eight areas adjacent to the containment areas with concentrations exceeding 25 ppm. These areas were west of D3, D4, D5, D8 and D30 and associated with nearby soil borings SB-016, SB-017 and SB-020. Refer to Figure 1.2 for a Site Plan depicting the locations of the subject areas and Table 1.1 for a summary of area-by-area details.

This Report details PCB removal activities in each of the areas listed above, with the exception of containment area D50, where capping was completed under previous approval and will remain in place. As documented in this report and based on the completed analysis and survey information, the impacts in the excavations areas (14 containment areas plus 8 adjacent areas – for a total of 22 areas), have been remediated to meet the clean-up objectives of the approved Site-wide PCB Cleanup Plan dated May 2010. In addition, remaining PCB concentrations (excluding D50) have been demonstrated to comply with Michigan Act 451, Part 201 Non-Residential Cleanup Criteria for PCBs. With respect to D50, this report details deed restrictions that have been placed on the property consistent with §761.61(a)(8). The deed restrictions identify use restrictions, where the D50 cap is present on the property, and the remaining PCB concentrations.

2.0 REMEDIATION ACTIVITIES

2.1 GENERAL PROJECT DESCRIPTION

The PCB remediation included the planning, permitting, and site work (preparation, excavation, disposal and restoration) related to the excavation of the 22 areas of PCB impacts. As previously described, the areas of impact and limits of excavation were determined though extensive sampling completed prior to the excavation activities. The delineated PCB impacted areas that were excavated consisted of a thin shallow subsurface layer of PCB contaminated soils, primarily located within former above ground tank secondary containment areas underlying a surface gravel layer. All remedial excavations were less than 5 feet in depth (most areas were 1-2 feet deep). After excavation, the areas were backfilled to existing facility grade and topped with a crushed limestone gravel surface layer to restore the Site.

In general, the remediation project proceeded as follows:

- Establishment of required permits, notifications and documents, including project specific Health & Safety Plans (HASPs) for all Site personnel and an Ambient Air Quality Monitoring Plan (AAQMP).
- Mobilization of equipment and personnel.
- Demolition, sizing and stockpiling of above grade structures and materials (included concrete walls, saddles, slabs, general construction debris and polyurea liner material).
- Characterization and proper disposal of above-grade structures and materials.
- Removal of non-impacted surface gravel (stored for on-Site re-use during restoration).
- Removal and proper disposal of subsurface PCB contaminated material to the required depth of excavation (included demolition and sizing of concrete structures located below grade).
- Collection, filtering, treatment using liquid-phase granular activated carbon (GAC) and permitted discharge of all water generated during the project (excavation water, rain/storm water accumulated in excavations and decontamination water).
- Use of foam suppressant, as necessary, to control odor and dust during soil disturbances.
- Backfilling of each excavation with clean Class IIA fill and capped with 6 inches of gravel to meet the surrounding grade.

- Decontamination, Site Restoration and demobilization of equipment and personnel.

The following sections present pertinent details regarding the project tasks described above.

2.2 PERMITS, NOTIFICATIONS AND MOBILIZATION

Prior to beginning Site work, permits were required by State and local agencies. Required permits included a Soil Erosion and Sedimentation Control (SESC) Permit, a City of Riverview work permit and a Wayne County wastewater discharge permit for collected wastewater. Copies of the permits are provided in Appendix A.

In accordance with the U.S. EPA Cleanup Plan Approval Letter dated June 4, 2010 (refer to Appendix B for a copy of the letter), notification was provided to the U.S. EPA by Arkema via letter and email on October 27, 2011. Additionally, notifications to Wayne County (per SESC requirements) and the City of Riverview were made via telephone on November 3, 2011.

Site work commenced on November 8, 2011. The following activities were completed in conjunction with mobilization:

1. Set up project management facilities that included office trailer, sanitary facilities, and communications.
2. Established a laydown area for equipment and materials.
3. Mobilized necessary equipment and materials to begin work.
4. Demarcated soil removal boundaries.
5. Identified and marked utilities.
6. Constructed decontamination areas.
7. Established erosion control measures including protecting storm sewer inlets with geotextile fabric and straw bales, constructing a truck decon/cleaning pad, and surrounding designated staging areas with straw bales.
8. Established security controls and designated the exclusion, contaminant reduction, and support zones.

2.3 HEALTH AND SAFETY AND WORK PRACTICES

To ensure that all project personnel were properly protected from potential exposure to Site-related constituents and to verify site conditions during that remediation activities a project specific health and safety program was implemented during all phases of the project. Health and Safety Plans (HASPs) were prepared and followed by CRA and contractors consistent with Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120 requirements for the protection of all on-Site workers. All work was conducted by HAZWOPER trained personnel and appropriate PPE was donned, as appropriate, based on respective conditions in accordance with designated HASPs. In addition the implemented HASPs included supplemental monitoring activities at the to provide further protection for neighboring areas and the general public.

During the demolition, soil excavation and material handling activities at the Site, perimeter air monitoring was completed around the Site perimeter, active work areas and support areas. Personnel air monitoring associated with active work areas and support areas was conducted by the respective contractor's health and safety officer (HSO) in accordance with their HASPs. The Site perimeter air monitoring activities were conducted by CRA, in accordance with the project-specific AAQMP, to ensure that remediation activities did not adversely affect off-Site personnel or the environment. A copy of the AAQMP is provided in Appendix C.

In accordance with the AAQMP, ambient air readings for total suspended particulate (TSP), PCBs (as a function of TSP), and total organic vapor were obtained from three sampling locations around the Site perimeter. Locations were selected daily prior to the initiation of the remedial activities and adjusted accordingly based on wind direction and the area of active work. One of the three air monitoring locations represented the upwind (i.e., background) sample and two locations were selected downwind of the immediate area of work.

The perimeter air monitoring action levels established for the project were based on short-term exposure criteria from the American Conference of Governmental Industrial Hygienists (ACGIH), National Institute for Occupational Safety and Health (NIOSH), or the Occupational Safety and Health Administration (OSHA). Appendix C includes all perimeter ambient air monitoring results for the project, documenting that all readings were below action levels throughout the work.

2.4 RECORD KEEPING

CRA documented Site activities and maintained project records throughout the project. Project records included daily QC reports, field notes, digital photographs, chain-of-custody forms and analytical data associated with waste characterization and water treatment samples, load tickets for imported material, uniform hazardous waste manifest copies, non-hazardous waste manifest copies, excavation survey data and air monitoring logs.

Pertinent field documents and records have been provided as appendices to this Report, as appropriate. All project records will be retained in Arkema's files for a minimum of 5 years from the date of issue of this Report.

2.5 DEMOLITION OF ABOVE GRADE STRUCTURES

Prior to excavation of contaminated soils, all above-grade/non-impacted concrete structures and polyurea liner material (where present) were removed. Polyurea material is a thin epoxy liner that was located within select former containment areas and served as secondary containment when the plant was active. Above grade concrete structures included containment area walls, former tank saddles and supports and slab-on-grade structures not in contact with contaminated soil. Above grade concrete demolition activities were performed in a manner to prevent disturbance of subsurface soils.

The removed concrete waste was placed in specified location on an existing concrete pad, and sized as necessary to meet landfill disposal requirements. Polyurea was placed in a roll-off box. Representative characterization samples were collected from the debris and submitted for laboratory analysis to ensure proper disposal profiling. Refer to Appendix D for concrete and polyurea characterization sample results. All concrete and polyurea was identified as non-hazardous waste and disposed appropriately (refer to Section 2.8 for discussion regarding material disposal).

Refer to Appendix E for select photographs taken during demolition work.

2.6 EXCAVATION

Prior to beginning excavation and off-Site disposal of PCB remediation waste, non-impacted overburden gravel was removed from the surface of the excavation areas

and stored for future re-use during restoration. The overburden gravel was removed without disturbing the impacted subsurface soils and stockpiled for re-use.

Upon completion of overburden gravel removal, excavation of impacted material commenced to the lateral and vertical extents identified during delineation and verification sampling. The excavation limits are summarized on Table 1.1 and Figure 1.2 within each of the 14 containment areas and 8 adjacent areas.

Material requiring excavation and TSCA disposal consisted of subsurface soil and concrete within the excavation limits beneath the overburden gravel. Concrete materials present within the boundaries of excavation were crushed in-place within the excavation (sized to no greater than 1 foot in any dimension with no protruding rebar). Concrete was reduced in size utilizing a hydraulic hammer and concrete pulverizer attached to tracked excavators. Subsurface concrete within the areas of excavation was shipped with contaminated soils for approved off-Site disposal (refer to Section 2.8 for discussion regarding PCB remediation waste disposal).

Prior to initiation of excavation activities and upon completion, the areas were surveyed to establish a baseline and confirm that the excavations were complete. Refer to Appendix F for a summary of survey results.

Through the course of the project, rain events caused high moisture contents in excavated soil. To meet landfill requirements for soil moisture (e.g., pass paint filter test), solidification was completed when necessary using lime. A total of 77.56 tons of lime was mixed with wet soils from select areas for solidification . Refer to Appendix G for imported lime material load tickets. All material brought to the site was used for solidification of the wet soils.

During the remediation activities, excavation or backfilling within standing water was prohibited. Therefore dewatering was performed as necessary to remove any standing water prior to excavation or before backfill. Refer to Section 2.7 for discussion regarding excavation water treatment and permitted discharge. Note that backfill was required immediately after excavation and the amount of standing water present prior to backfill was minimized.

During excavation work, direct loading of impacted soil for transportation to the off-site disposal facility was required, when possible. Some stockpiling was necessary to facilitate lime stabilization. If stockpiling of excavated waste was required, soil was stockpiled within the excavation limits of the remediation area (i.e. impacted soils were

not stockpiled outside impacted areas). Overnight stockpiles were covered with secured polysheeting to meet SESC requirements.

In order to mitigate potential vapors and odors from the subsurface soils, RUSMAR AC-645 Long Duration Foam was used, as necessary, to cover excavated soils during intrusive activities and was applied to soil in transport trailers prior to hauling off-Site. Refer to Appendix H for foam product data and MSDS.

Upon completion of all excavation activities (when equipment would no longer come in contact with PCB-impacted material), equipment that had or may have contacted PCB-impacted material was decontaminated consistent with the self-implementing procedures identified in §761.79(c)(2). All water generated during decontamination efforts was either processed through the water treatment system, as described in the following section, or, with respect to the final load of decontamination water, transported off Site to EQ Detroit, Inc., as liquid industrial waste.

Refer to Appendix E for select photographs taken during excavation work.

2.7 DEWATERING/EXCAVATION WATER TREATMENT

Water generated during the excavation, decontamination and backfilling activities, was collected, conveyed, filtered, treated (liquid-phase GAC), stored pending analysis and discharged to the County POTW after approval under permit. A copy of the water treatment system schematic is provided in Appendix I.

Through the course of the project approximately 34,850 gallons of water was collected, treated and discharged. Discharges took place in two batches. The first batch totaled 21,015 gallons. The batch was sampled on December 16, 2011 and discharged on December 23, 2011 upon receipt of analytical results that showed that the batch was within all discharge limits and approval of the County after review of the analysis (refer to Appendix A for the wastewater discharge permit and associated limits – note that the PCB discharge limit was non-detect at 0.1 µg/L). The second batch totaled 13,835 gallons. The batch was sampled on December 26, 2011 and discharged on January 3, 2011 upon receipt of analytical results that showed that the batch was within all discharge limits and approval of the County after review of the analysis. Treated water was discharged to the Wayne County municipal sewer system at an approved manhole located in the southeast corner of the property, just west of Jefferson Avenue

(the manhole is depicted in the wastewater discharge permit provided in Appendix A). Refer to Appendix I for copies of treated water analytical reports.

Refer to Appendix E for select photographs of dewatering/excavation water treatment activities.

2.8 BACKFILLING

Upon completion of removal activities, excavations were backfilled with clean imported Class IIA fill to 6 inches below the surrounding grade and capped with a minimum of 6 inches of gravel. The gravel cap consisted of reclaimed overburden gravel supplemented with imported clean 21AA gravel to match surrounding material. The imported fill and gravel were from Great Lakes Aggregate. All imported material was from a quarry source and no recycled or re-used material was utilized.

Excavations were backfilled in 12-inch lifts and compaction was completed with tracked heavy equipment and a smooth drum vibratory roller to minimize differential settlement. A total of 3,784.34 tons of Class IIA fill was imported, placed and compacted. A total of 619.10 tons of 21AA gravel was imported to supplement the reused site gravel for surface cover. Refer to Appendix G for imported material load tickets.

Refer to Appendix E for select photographs taken during backfilling work.

2.9 MATERIAL TRANSPORTATION AND DISPOSAL

Disposal was required for four waste streams: PCB remediation waste, non-hazardous (municipal) solid waste, wastewater and liquid industrial waste. Details regarding the waste streams are provided in the following sections.

2.9.1 PCB REMEDIATION WASTE

Consistent with §761.61(a)(5)(i)(B)(2)(iii), PCB remediation waste (subsurface material from the 22 designated areas) and all waste generated as part of remediation of these areas, including PPE and spent carbon from the wastewater treatment system (as allowed under §761.79(g)(1)) was transported for disposal at Environmental Quality Company's Wayne Disposal facility (EQ WDI) in Belleville, Michigan. EQ WDI is a

Subtitle C hazardous waste landfill (U.S. EPA ID #MID048090633) and holds a TSCA permit for disposal of PCB-contaminated materials.

EQ WDI provided disposal approved based on provided waste profiles. The waste profiles were based on the extensive waste characterization sampling completed at the site. Due to three of the 22 designated areas (D10, D11 and D33) being more highly aromatic than the rest (i.e., requiring odor control at the landfill), soils removed from the three former containment areas were shipped under separate EQ WDI approvals – one for "odorous soils" and one for "non-odorous".

Prior to transport, each load of material was placed in lined trailers directly from the excavation areas, capped with odor suppressant if necessary, covered, inspected by CRA and manifested prior to leaving the Site. Uniform Hazardous Waste Manifests were prepared and accompanied all loads in accordance with §761 Subpart K.

A total of 3,486.53 tons of PCB remediation waste was transported to EQ WDI for disposal during the project. 1,504.30 tons were transported under the EQ WDI approval for odorous waste. 1,982.23 tons were transported under the EQ WDI approval for non-odorous waste. Refer to Appendix J for Uniform Hazardous Waste Manifests copies and load summaries for each TSCA waste stream.

2.9.2 NON-HAZARDOUS SOLID WASTE

Non-Hazardous solid waste generated as part of remediation (above grade concrete/polyurea) was transported to Waste Management's Woodland Meadows Landfill in Wayne, Michigan. Refer to Appendix D for concrete and polyurea characterization sample results. As previously indicated, waste characterization sampling was completed on this material prior to disposal.

Each load of non-hazardous material was placed in a container, secured, covered and inspected by CRA prior to leaving the Site. Each load was accompanied with a disposal facility provided non-hazardous waste manifest.

A total of 817.70 tons of non-hazardous waste was disposed during the project. Refer to Appendix K for non-hazardous waste manifests and load summaries.

2.9.3 WASTEWATER

As described in Section 2.7, approximately 34,850 gallons of water was collected, conveyed, filtered, treated, stored pending analysis and discharged to the sanitary sewer under permit using a portable treatment system brought on-Site for the project. All water was pumped through a GAC treatment system as allowed under §761.79(b). Based on the analytical results and the requirements of §761.79(b)(1), the water was treated to meet the requirements of the local publically operated treatment works (POTW) (non-detect at 0.1 µg/L) and discharged to the approved sanitary sewer manhole.

Refer to Appendix A for the wastewater discharge permit and associated discharge limits. Refer to Appendix I for a schematic of the treatment system and copies of treated water analytical reports.

2.9.4 LIQUID INDUSTRIAL WASTEWATER

One load of liquid industrial wastewater was generated as a result of final cleaning efforts associated with the treatment system and storage (frac) tanks. The resulting residuals and decontamination water were characterized by EQ and, based on the analytical results showing PCBs less than 0.5 µg/L, and the requirements of §761.79(b)(1), the water was subsequently transported off Site to EQ Detroit, Inc., as liquid industrial waste under a uniform hazardous waste manifest. Refer to Appendix L for the characterization results and a copy of the manifest.

2.10 SITE RESTORATION AND DEMOBILIZATION

Upon completion of backfilling efforts, the Site was restored to its original condition. Site restoration included hard surface sweeping, general refuse collection and disposal, removal of temporary facilities, utility disconnects and support area breakdown. All materials and equipment brought on-site for use during the project were removed from the site. Final demobilization took place on January 12, 2012.

Subsequent to demobilization, a Site inspection was conducted by Wayne County to closeout SESC permitting. A copy of the Wayne County closeout approval letter is provided in Appendix M. Refer to Appendix E for select photographs taken upon completion of Site work.

3.0 POST-REMEDIATION SITE SETTING

3.1 REMAINING PCB CONCENTRATIONS

Since 2003, approximately 400 soil samples were collected for the purposes of characterizing and verifying the extent of PCB impacts on-Site. Upon completion of the PCB remediation in January 2012, nearly 3,500 tons of soil representing approximately 100 of the samples was removed and properly disposed. Table 3.1 provides a summary of all remaining PCB concentrations.

Given the number of samples and the range of dates that samples were collected, depictions of the remaining sample locations that are referenced on Table 3.1 are presented on the following three figures representing specific investigation events:

Figure 3.1 – Remaining Sample locations - 2003 Initial Characterization Samples
Figure 3.2 – Remaining Sample locations – 2008 and 2010 Characterization Samples
Figure 3.3 – Remaining Sample locations – 2010 Verification Samples

As shown on Table 3.1, post-remediation data shows that all remaining PCB concentrations (excluding D50A and D50D – refer to Section 3.2 for further discussion regarding D50) are below the May 2010 PCB Cleanup Plan cleanup goal of 25 ppm. In fact, of the 293 remaining data points (D50A and D50D excluded), 199 are at 1 ppm or less (68 percent), 81 locations are between 1 and 10 ppm (28 percent) and 13 locations are greater than 10 ppm (4 percent). Of the 13 remaining data points above 10 ppm, all are below the Michigan Department of Environmental Quality (MDEQ) Generic Non-Residential Direct Contact Criteria (DCC) of 16 ppm, with the exception of three locations:

- D2D, approximately 5.5 feet below ground surface (BGS), at a concentration of 18 ppm
- D5W-B, approximately 0.5 - 1 feet BGS, at a concentration of 16.5 ppm
- D50F, approximately 2-2.5 feet BGS, at a concentration of 17 mg/kg

In order to determine if residual PCB concentrations in the soil surrounding these three locations would exceed the DCC based on an appropriate statistical comparison (i.e., 95 percent upper confidence limits on the mean [UCLs]), data sets of samples surrounding these three locations were compiled in accordance with MDEQ guidelines. Each set of data met or exceeded the minimum data requirement of nine samples specified by MDEQ guidance. Additionally, to be conservative, each set of data was

representative of one-quarter acre exposure units. In addition to evaluating the three exposure units described above, 95 percent UCLs were calculated to evaluate surface and subsurface conditions on a Site-wide basis.

With each data set, CRA used U.S. EPA's ProUCL software (current version 4.1.01) to calculate 95 percent UCLs. Based on ProUCL's calculations, the 95 percent UCL values for the D2, D5 and D50 data sets ranged between 3.6 and 11.0 ppm, which are below the Non-Residential DCC of 16 ppm and demonstrates that the remaining concentrations in the areas of D2D, D5W-B and D50F comply with Michigan's Part 201 Non-Residential Criteria. Similarly, Site-wide calculations yielded 95 percent UCL values well below Michigan's Non-Residential Criteria (3.5 ppm for surface and 2.2 ppm for subsurface).

Refer to Appendix N for details regarding the 95 percent UCL Evaluation.

3.2 CONTAINMENT AREA D50

The approved risk-based cleanup plan for containment area D50 (consisting of six individual containment areas – D50A, D50B, D50C, D50D, D50E and D50F, as shown on Figure 3.1) was provided in previous submittals to the U.S. EPA in 2003 and 2004 and included the installation of a cap and restricted uses . Efforts focused on D50A and D50D due to PCB concentrations in those areas exceeding 25 ppm. No concentrations greater than 25 ppm were identified in D50B, D50C, D50E or D50F. Refer to the last page of Table 3.1 for a summary of analytical results associated with D50.

During the 2008 demolition and decommissioning activities, the existing above ground equipment was removed and containment areas D50A and D50D were backfilled with a minimum of 2 feet of clay to ground surface. The concrete cap over D50A, along with the minimum of 2 feet of clay, meets the capping requirements in 40 CFR 761.61(a)(7). Documentation of these activities was provided to EPA in the January 2009 PCB Cleanup Plan, which was subsequently approved.

To ensure no adverse exposures associated with remaining D50 soil impacts, a deed restriction is placed on the property. Refer to the following section for further discussion regarding deed restrictions.

3.3 DEED RESTRICTIONS

A notation on the deed to the property is recorded that will provide notification to any potential purchaser of the property that the property has been used for PCB remediation waste disposal and of the use restrictions that are in place. Specifically, consistent with §761.61(a)(8), the deed restriction identifies the remaining PCB concentrations on Site, the location of the D50 cap, and site restrictions. Refer to Appendix O for a copy of the Declaration of Restrictions and certification consistent with §761.61(a)(8)(i)(B).

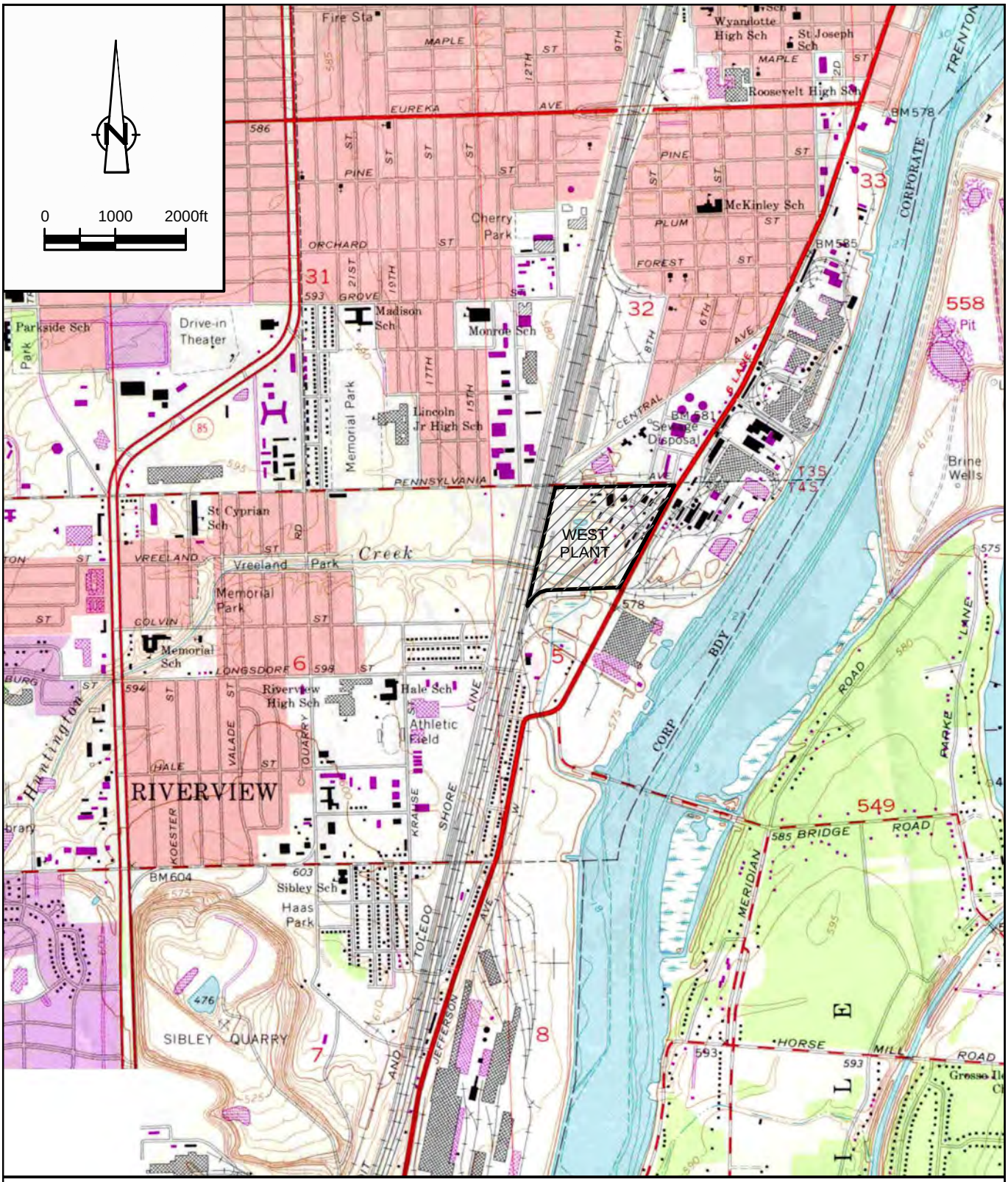
4.0 SUMMARY

PCB investigation, reporting and remediation activities have been completed at the West Plant property. Post-remediation data shows that remaining PCB concentrations (excluding D50) are below the May 2010 PCB Cleanup Plan cleanup goal of 25 ppm and have been demonstrated to comply with Michigan Act 451, Part 201 Non-Residential Cleanup Criteria for PCBs. Other than area D50, currently capped, all remaining concentrations are statistically below the MDEQ Generic Non-Residential DCC of 16 ppm. Given the remaining concentrations and the existing Site restriction to industrial uses (i.e., non-residential), potential adverse exposure to PCBs in areas outside of containment area D50 has been mitigated. To ensure no adverse exposures associated with remaining PCB impacts in the area of D50, a deed restriction is placed on the property that identifies the location of the D50 cap, site restrictions and the remaining PCB concentrations on Site.

5.0 REFERENCES

- June 2002 Report - RCRA Facility Investigation Report, West Plant, ATOFINA Chemicals, Inc., Riverview, Michigan.
- April 3, 2003 Letter to EPA - PCBs Results in Containment Area Soils and Proposed Conceptual Cleanup Plan
- April 16, 2003 Letter to EPA - Additional Information for a Proposed Containment Area Capping Material
- June 6, 2003 Letter to EPA - Response to U.S. EPA Comments - PCB Results in Containment Area Soils and Proposed Conceptual Cleanup Plan
- September 26, 2003 Letter to EPA - Comparison of Warrior 240 Polyurea Liner to Concrete and HDPE Liner
- November 19, 2003 Letter to EPA - Response to U.S. EPA Comments - Proposed Risk-Based PCB Cleanup and Polyurea Capping Material
- February 10, 2004 Letter to EPA - Soil Sampling Results for Outside Containment Areas
- August 10, 2007 Letter to EPA – PCB Cleanup and Polyurea Capping Material (Supplemental Information on Cap Conditions and Stormwater Effluent Monitoring)
- October 2007 Report – PCB Cleanup Plan, AST Containment Areas D3, D4, D5 and D33
- January 2009 Report – Revised PCB Cleanup Plan, AST Containment Areas D3, D4, D5 and D33
- May 2010 Report – Site-Wide PCB Cleanup Plan
- August 23, 2010 Letter to Arkema - Site-Wide PCB Characterization Sampling
- February 8, 2011 Letter to Arkema - PCB Excavation Verification Sampling Results

FIGURES



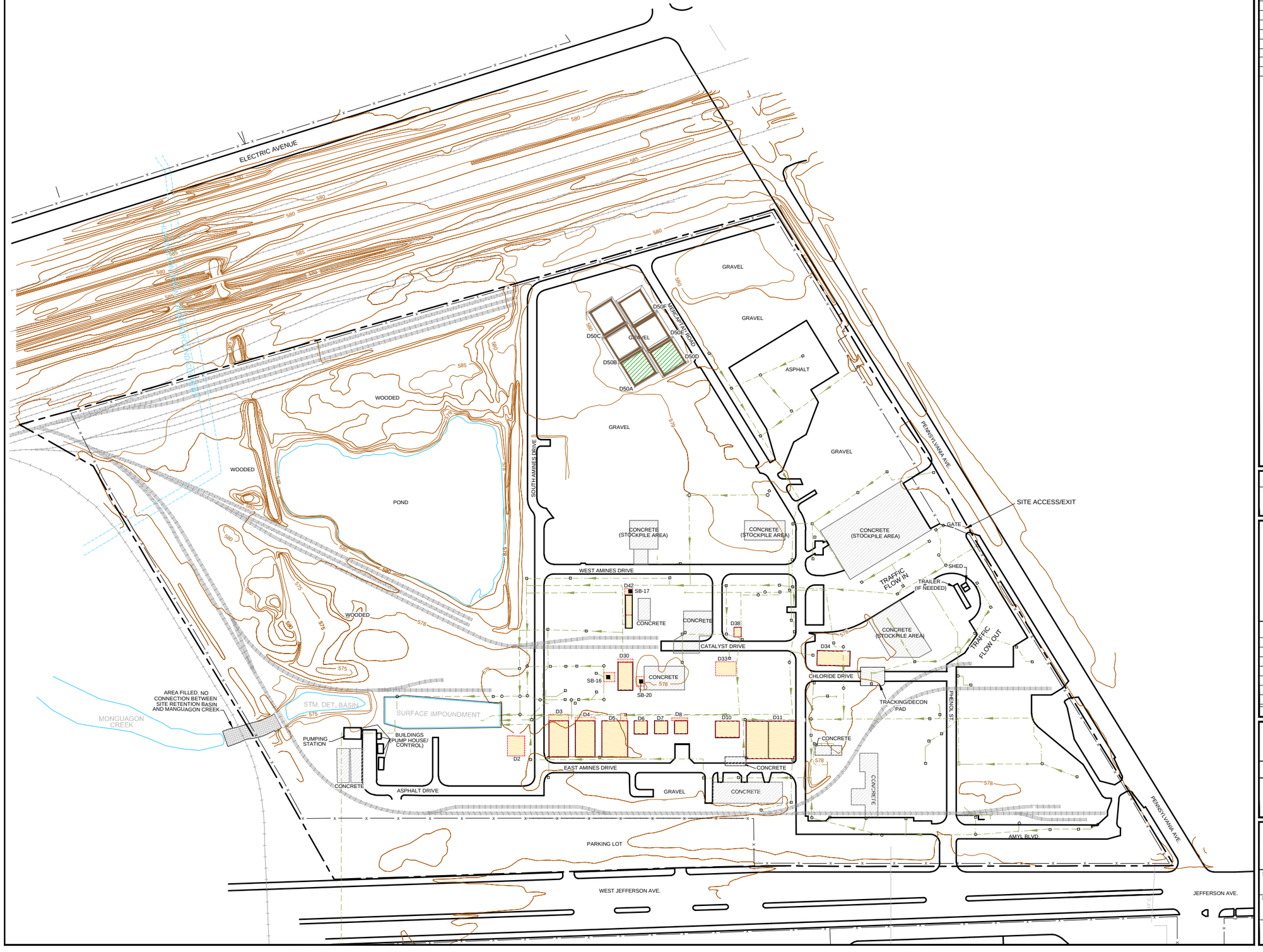
SOURCE: USGS QUADRANGLE MAP;
WYANDOTTE, MICHIGAN-ONTARIO

figure 1.1

SITE LOCATION
ARKEMA INC.
Riverview, Michigan

RIVERVIEW

032427-10(012)GN-DE001 FEB 03/2012



No	Revision	Date	Initial

0 50 100ft

LEGEND

- PROPERTY BOUNDARY
- FENCE LINE
- CATCH BASINS
- MANHOLES
- EXCAVATION AREAS
- EXISTING BUILDINGS
- PONDS
- RAILROAD
- STORM SEWER LINES (WITH FLOW ARROW)
- CONTOURS (NAVD 88)
- CAPPED AREAS

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

DRAWING STATUS

Status	Date	Initial

SITE PLAN

RIVERVIEW, MICHIGAN

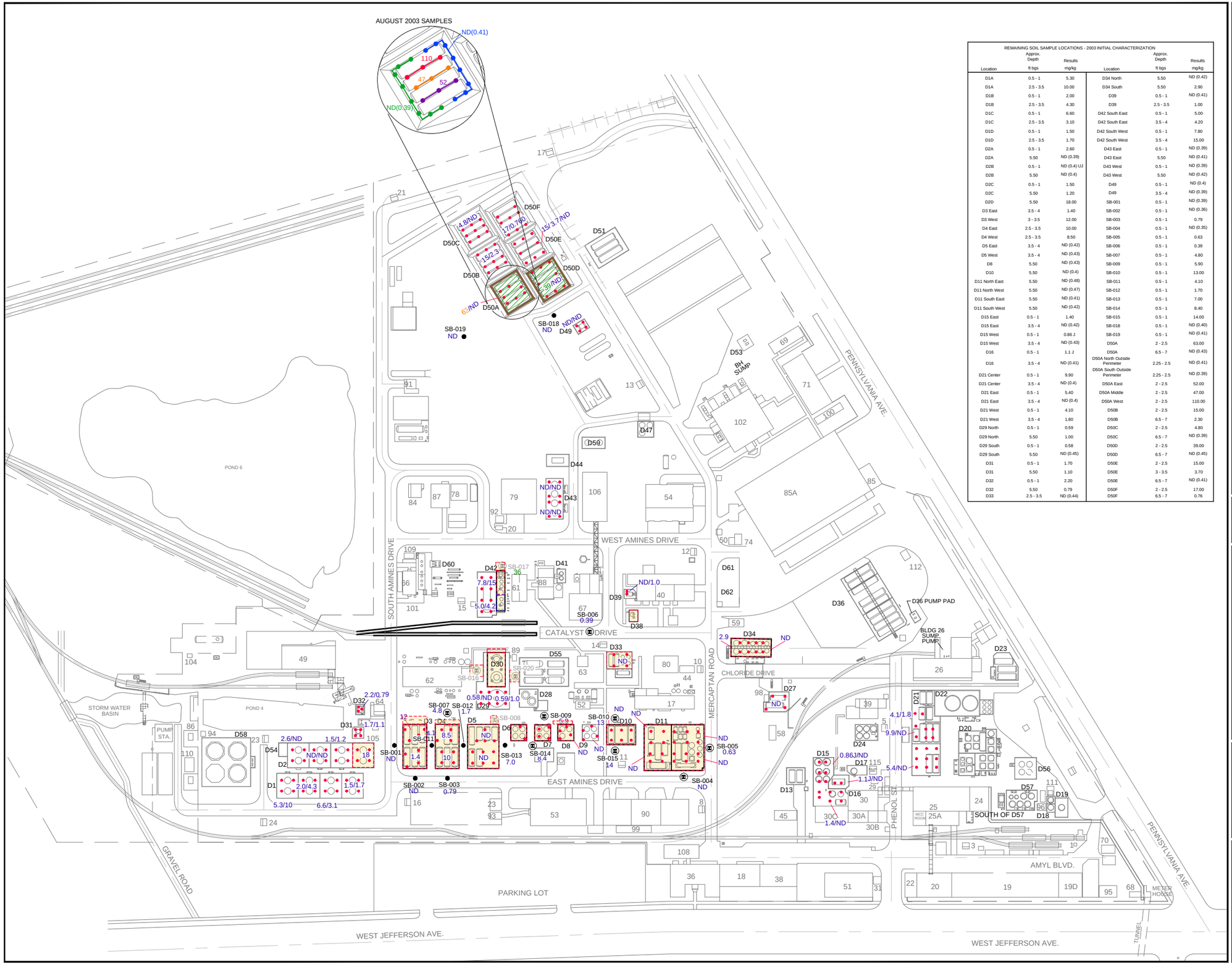
ARKEMA, INC. - WEST PLANT

CRA Engineering, Inc.

Source Reference:

Project Manager:	Reviewed By:	Date:	
P.S.	J.V.	FEBRUARY 2012	
Scale: 1:100	Project No: 032427-10	Report No: 012	Drawing No: figure 1.2

032427-10(012)GN-DE002 FEB 23/2012



REMAINING SOIL SAMPLE LOCATIONS - 2003 INITIAL CHARACTERIZATION

Location	Approx. Depth ft bgs	Results mg/kg	Location	Approx. Depth ft bgs	Results mg/kg
D1A	0.5 - 1	5.30	D34 North	5.50	ND (0.42)
D1A	2.5 - 3.5	10.00	D34 South	5.50	2.90
D1B	0.5 - 1	2.00	D39	0.5 - 1	ND (0.41)
D1B	2.5 - 3.5	4.30	D39	2.5 - 3.5	1.00
D1C	0.5 - 1	6.60	D42 South East	0.5 - 1	5.00
D1C	2.5 - 3.5	3.10	D42 South East	3.5 - 4	4.20
D1D	0.5 - 1	1.50	D42 South West	0.5 - 1	7.80
D1D	2.5 - 3.5	1.70	D42 South West	3.5 - 4	15.00
D2A	0.5 - 1	2.60	D43 East	0.5 - 1	ND (0.39)
D2A	5.50	ND (0.39)	D43 East	5.50	ND (0.41)
D2B	0.5 - 1	ND (0.4) UJ	D43 West	0.5 - 1	ND (0.39)
D2B	5.50	ND (0.4)	D43 West	5.50	ND (0.42)
D2C	0.5 - 1	1.50	D49	0.5 - 1	ND (0.4)
D2C	5.50	1.20	D49	3.5 - 4	ND (0.39)
D2D	5.50	18.00	SB-001	0.5 - 1	ND (0.39)
D3 East	3.5 - 4	1.40	SB-002	0.5 - 1	ND (0.36)
D3 West	3 - 3.5	12.00	SB-003	0.5 - 1	0.79
D4 East	2.5 - 3.5	10.00	SB-004	0.5 - 1	ND (0.35)
D4 West	2.5 - 3.5	8.50	SB-005	0.5 - 1	0.63
D5 East	3.5 - 4	ND (0.42)	SB-006	0.5 - 1	0.39
D5 West	3.5 - 4	ND (0.43)	SB-007	0.5 - 1	4.80
D8	5.50	ND (0.43)	SB-009	0.5 - 1	5.90
D10	5.50	ND (0.4)	SB-010	0.5 - 1	13.00
D11 North East	5.50	ND (0.48)	SB-011	0.5 - 1	4.10
D11 North West	5.50	ND (0.47)	SB-012	0.5 - 1	1.70
D11 South East	5.50	ND (0.41)	SB-013	0.5 - 1	7.00
D11 South West	5.50	ND (0.42)	SB-014	0.5 - 1	8.40
D15 East	0.5 - 1	1.40	SB-015	0.5 - 1	14.00
D15 East	3.5 - 4	ND (0.42)	SB-018	0.5 - 1	ND (0.40)
D15 West	0.5 - 1	0.86 J	SB-019	0.5 - 1	ND (0.41)
D15 West	3.5 - 4	ND (0.43)	D50A	2 - 2.5	63.00
D16	0.5 - 1	1.1 J	D50A	6.5 - 7	ND (0.43)
D16	3.5 - 4	ND (0.41)	D50A North Outside Perimeter	2.25 - 2.5	ND (0.41)
D21 Center	0.5 - 1	9.90	D50A South Outside Perimeter	2.25 - 2.5	ND (0.39)
D21 Center	3.5 - 4	ND (0.4)	D50A East	2 - 2.5	52.00
D21 East	0.5 - 1	5.40	D50A Middle	2 - 2.5	47.00
D21 East	3.5 - 4	ND (0.4)	D50A West	2 - 2.5	110.00
D21 West	0.5 - 1	4.10	D50B	2 - 2.5	15.00
D21 West	3.5 - 4	1.80	D50B	6.5 - 7	2.30
D29 North	0.5 - 1	0.59	D50C	2 - 2.5	4.80
D29 North	5.50	1.00	D50C	6.5 - 7	ND (0.39)
D29 South	0.5 - 1	0.58	D50D	2 - 2.5	39.00
D29 South	5.50	ND (0.45)	D50D	6.5 - 7	ND (0.45)
D31	0.5 - 1	1.70	D50E	2 - 2.5	15.00
D31	5.50	1.10	D50E	3 - 3.5	3.70
D32	0.5 - 1	2.20	D50E	6.5 - 7	ND (0.41)
D32	5.50	0.79	D50F	2 - 2.5	17.00
D33	2.5 - 3.5	ND (0.44)	D50F	6.5 - 7	0.76

N°	Revision	Date	Initial

0 40 80ft

LEGEND

SOIL SAMPLES

- 0-25 mg/kg
- 25-50 mg/kg
- 50-100 mg/kg
- >100 mg/kg

2003 PCB SAMPLING

65/22 PCB CONCENTRATION IN SOIL SAMPLE (mg/kg) REFER TO TABLE FOR DEPTH

MISCELLANEOUS

- D36 DIKE ID NUMBER
- 26 BUILDING ID NUMBER
- HORIZONTAL ABOVE GROUND STORAGE TANK
- VERTICAL ABOVE GROUND STORAGE TANK
- SB-007 2003 SURFACE SOIL SAMPLE LOCATIONS
- SB-017 2003 SURFACE SOIL SAMPLE LOCATIONS REMOVED DURING EXCAVATION
- SB-019 2003 ADDITIONAL PCB SAMPLE LOCATIONS FROM BENEATH FORMER TEMPORARY STOCKPILE LOCATIONS
- 2003 PCB COMPOSITE SAMPLE LOCATIONS
- 2003 PCB COMPOSITE SAMPLE LOCATIONS REMOVED DURING EXCAVATION
- EXCAVATION AREAS
- CAPPED AREAS

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

REMAINING SAMPLE LOCATIONS 2003 INITIAL CHARACTERIZATION

Riverview, Michigan

ARKEMA INC.

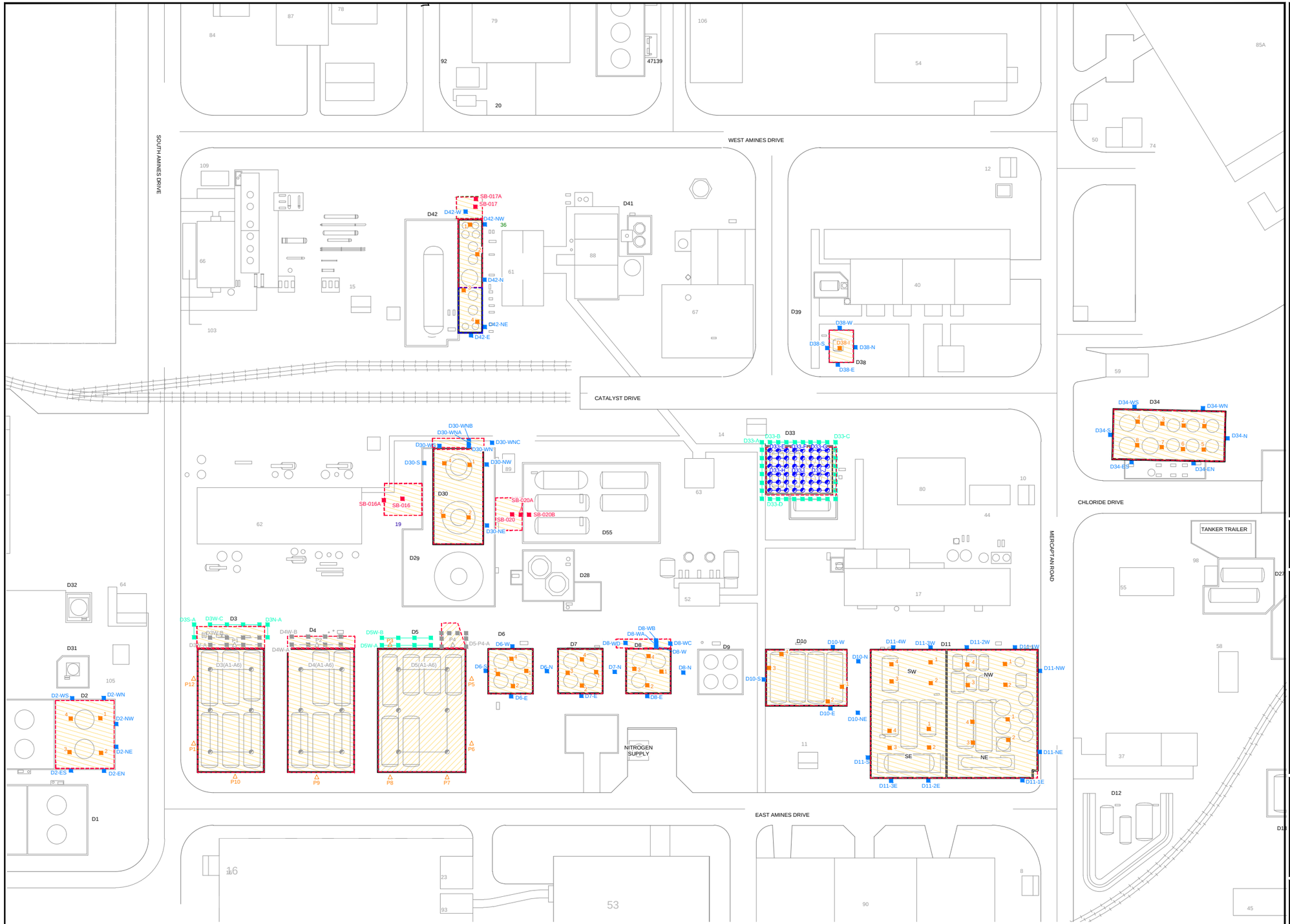
CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

ATOFINA, WEST PLANT EQUIPMENT LAYOUT, DRAWING NO. WW3-9421

Project Manager:	Reviewed By:	Date:	
P.S.	J.V.	FEBRUARY 2012	
Scale: 1"=80'	Project N°: 032427-10	Report N°: 012	Drawing N°: figure 3.1

032427-10(012)GN-DE003 FEB 23/2012



Nº	Revision	Date	Initial

0 10 30ft

LEGEND

- 2010 INTERIOR SOIL SAMPLE LOCATION
- 2010 PERIMETER SOIL SAMPLE LOCATION
- 2010 EXTERIOR SOIL SAMPLE LOCATION
- D3W-C — 2008 PERIMETER COMPOSITE SAMPLE LOCATION
- D3W-B — 2008 PERIMETER COMPOSITE SAMPLE LOCATION REMOVED DURING EXCAVATION
- D33-E — 2008 INTERIOR COMPOSITE SAMPLE LOCATION
- D3(A1-A6) — 2008 INTERIOR COMPOSITE SAMPLE LOCATION REMOVED DURING EXCAVATION
- P12 — PERIMETER SOIL SAMPLES (DISCRETE)
- P4 — PERIMETER SOIL SAMPLES (DISCRETE) REMOVED DURING EXCAVATION
- D10 — CONTAINMENT DIKE NO.
- EXCAVATION AREAS

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

REMAINING SAMPLE LOCATIONS 2008 AND 2010 CHARACTERIZATION

Riverview, Michigan

ARKEMA INC.

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
P.S	J.V	FEBRUARY 2012	
Scale: 1:30	Project Nº: 032427-10	Report Nº: 012	Drawing Nº: figure 3.2

032427-10(012)GN-DE004 FEB 03/2012

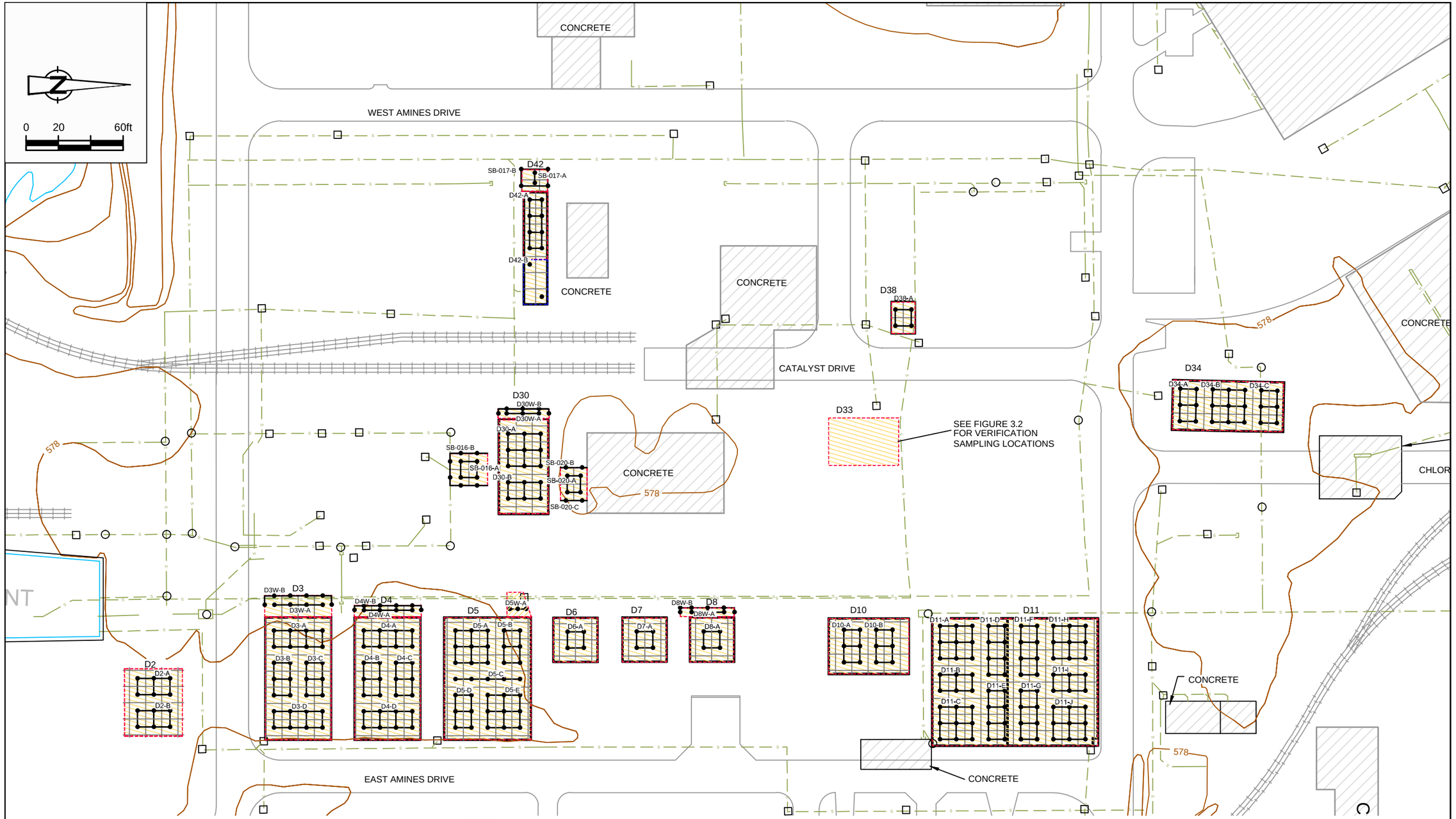


figure 3.3

REMAINING SAMPLE LOCATIONS
2010 VERIFICATION SAMPLES
ARKEMA, INC. - WEST PLANT
Riverview, Michigan

032427-10(012)GN-DE005 FEB 03/2012

TABLES

TABLE 1.1

DESIGNATED EXCAVATION AREAS
PCB REMEDIATION
ARKEMA - WEST PLANT
RIVERVIEW, MICHIGAN

Location	Excavaton Length (ft)	Excavaton Width (ft)	Excavaton Area (sq. ft)	Total Depth of Excavation (bgs) (ft)	Pre-Remediation Area General Details
Containment Areas					
D2	35.0	40.0	1,400	2.5	Gravel covered.
D3	42.0	77.0	3,234	1.5	Concrete walls. Tank saddles. Polyurea.
D4	42.0	77.0	3,234	1.5	Concrete walls. Tank saddles. Polyurea.
D5	56.0	78.0	4,368	1.5	Concrete walls. Tank saddles. Polyurea.
D6	28.0	29.0	812	3.5	Concrete walls. Cylindrical tank saddles. Slab on south half.
D7	28.0	28.0	784	2.0	Concrete walls. Raised cylindrical saddles with columns. Concrete slab.
D8	28.0	28.0	784	1.9	Gravel covered.
D10	50.0	35.0	1,750	2.0	Concrete walls. Tank saddles. Polyurea.
D11	77.0	101.0	7,777	2.0	North Half: Concrete walls. Tank saddles. Polyurea. South Half: Gravel covered
D30	31.0	60.0	1,860	2.5	Concrete walls. Tall columns. Polyurea.
D33	40.0	50.0	2,000	1.5	Gravel covered.
D34	31.0	69.0	2,139	2.0	Gravel covered.
D38	15.0	20.0	300	4.5	Gravel covered.
D42 East Portion	15.0	28.0	420	3.5	Concrete Walls. Concrete Slab.
D42 West Portion [1]	15.0	42.0	630	1.5	Concrete Walls. Concrete Slab.
Perimeter Areas					
West of D3	15.0	41.0	615	1.5	Approximately 1/3 concrete slab, 1/3 asphalt, 1/3 gravel covered.
West of D4	7.5	41.0	308	1.5	Approximately 1/2 concrete slab, 1/2 gravel covered.
West of D5 [2]	15.0	15.0	225	1.5	Gravel covered
West of D8	6.0	35.0	210	1.0	Gravel covered.
West of D30	6.0	30.0	180	1.4	Gravel covered.
SB-016	20.0	23.0	460	2.0	Gravel covered.
SB-017	10.0	10.0	100	2.0	Gravel covered.
SB-020	16.0	20.0	320	2.0	Gravel covered.

Notes:

[1] - Western 42 feet of D42 consisted of approximately 1.5 feet of concrete. Samples collected immediately beneath the concrete were below cleanup levels. No soil was removed from beneath the western 42 feet of D42

[2] - Area west of D5 included SB-008

TABLE 3.1

SUMMARY OF REMAINING PCB CONCENTRATIONS
PCB REMEDIATION
ARKEMA - WEST PLANT
RIVERVIEW, MICHIGAN

Investigation Event	Sample Date	Sample Name	Sample Location Name	Containment Area	Containment Area Location	QA/QC	Approx. Depth ft bgs[1]	Total PCB Results mg/kg
Initial Characterization - Site Wide	3/17/2003	S-32427-031703-EH-001	D1A	D1	Interior		0.5 - 1	5.3
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-085	D1A	D1	Interior		2.5 - 3.5	10
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-005	D1B	D1	Interior		0.5 - 1	2
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-084	D1B	D1	Interior		2.5 - 3.5	4.3
Initial Characterization - Site Wide	3/20/2003	S-32427-032003-EH-044	D1C	D1	Interior		0.5 - 1	6.6
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-083	D1C	D1	Interior		2.5 - 3.5	3.1
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-031	D1D	D1	Interior		0.5 - 1	1.5
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-082	D1D	D1	Interior		2.5 - 3.5	1.7
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-030	D2A	D2	Interior		0.5 - 1	2.6
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-078	D2A	D2	Interior		5.5	ND (0.39)
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-029	D2B	D2	Interior		0.5 - 1	ND (0.4) UJ
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-079	D2B	D2	Interior		5.5	ND (0.4)
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-028	D2C	D2	Interior		0.5 - 1	1.5
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-080	D2C	D2	Interior		5.5	1.2
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-081	D2D	D2	Interior		5.5	18
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-1-1-1.5	D2 - 1	D2	Interior		2.5 - 3	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-2-1-1.5	D2 - 2	D2	Interior		2.5 - 3	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-DUP-001	D2 - 2	D2	Interior	Duplicate	2.5 - 3	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-3-1-1.5	D2 - 3	D2	Interior		2.5 - 3	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-4-1-1.5	D2 - 4	D2	Interior		2.5 - 3	ND(0.31)
PCB Cleanup Verification	10/4/2010	SO-32427-100410-DR-D2-A	D2-A	D2	Interior		2.5 - 3	6.1
PCB Cleanup Verification	10/4/2010	SO-32427-100410-DR-D2-B	D2-B	D2	Interior		2.5 - 3	ND(0.3)
PCB Cleanup Verification	10/4/2010	SO-32427-100410-DR-D2-Bd	D2-B	D2	Interior	Duplicate	2.5 - 3	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-EN	D2 - EN	D2	Perimeter		1 - 1.5	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-ES	D2 - ES	D2	Perimeter		1 - 1.5	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-NE	D2 - NE	D2	Perimeter		1 - 1.5	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-NW	D2 - NW	D2	Perimeter		1 - 1.5	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-WN	D2 - WN	D2	Perimeter		0.5 - 1	0.89
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D2-WS	D2 - WS	D2	Perimeter		0.5 - 1	0.37
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-086	D3 East	D3	Interior		3.5 - 4	1.4
Initial Characterization - Site Wide	4/8/2003	S-32427-040803-EH-056	D3 West	D3	Interior		3 - 3.5	12
PCB Cleanup Verification	10/13/2010	SO-32427-101310-CB-D3-A	D3-A	D3	Interior		1.5 - 2	ND(0.22)
PCB Cleanup Verification	10/13/2010	SO-32427-101310-CB-D3-B	D3-B	D3	Interior		1.5 - 2	0.33
PCB Cleanup Verification	10/13/2010	SO-32427-101310-CB-D3-C	D3-C	D3	Interior		1.5 - 2	0.33
PCB Cleanup Verification	10/13/2010	SO-32427-101310-CB-D3-D	D3-D	D3	Interior		1.5 - 2	ND(0.36)
PCB Cleanup Characterization - D3, D4, D5, D33	8/20/2008	S-32427-081908-D3W-C	D3W-C	D3	Perimeter		0.5 - 1	ND(0.31)
PCB Cleanup Characterization - D3, D4, D5, D33	8/19/2008	S-32427-081908-D3N-A	D3N-A	D3	Perimeter		0.5 - 1	1.7
PCB Cleanup Characterization - D3, D4, D5, D33	8/19/2008	S-32427-081908-D3S-A	D3S-A	D3	Perimeter		0.5 - 1	ND(0.38)
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D3W-A	D3W-A	D3	Perimeter		1.5 - 2	ND(0.33)
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D3W-B	D3W-B	D3	Perimeter		0.5 - 1.17	1.1
Initial Characterization - Site Wide	4/8/2003	S-32427-040803-EH-058	D4 East	D4	Interior		2.5 - 3.5	10
Initial Characterization - Site Wide	4/8/2003	S-32427-0480803-EH-057	D4 West	D4	Interior		2.5 - 3.5	8.5
PCB Cleanup Verification	10/13/2010	SO-32427-101310-CB-D4-A	D4-A	D4	Interior		1.5 - 2	0.46
PCB Cleanup Verification	10/13/2010	SO-32427-101310-CB-D4-B	D4-B	D4	Interior		1.5 - 2	0.96
PCB Cleanup Verification	10/13/2010	SO-32427-101310-CB-D4-C	D4-C	D4	Interior		1.5 - 2	ND(0.21)
PCB Cleanup Verification	10/12/2010	SO-32427-101210-CB-D4-D	D4-D	D4	Interior		1.5 - 2	1.2
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D4W-A	D4W-A	D4	Perimeter		1.5 - 2	1.7
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D4W-B	D4W-B	D4	Perimeter		0.5 - 1.25	2.3

SUMMARY OF REMAINING PCB CONCENTRATIONS
PCB REMEDIATION
ARKEMA - WEST PLANT
RIVERVIEW, MICHIGAN

Investigation Event	Sample Date	Sample Name	Sample Location Name	Containment Area	Containment Area Location	QA/QC	Approx. Depth ft bgs[1]	Total PCB Results mg/kg
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-090	D5 East	D5	Interior		3.5 - 4	ND (0.42)
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-091	D5 West	D5	Interior		3.5 - 4	ND (0.43)
PCB Cleanup Verification	10/7/2010	SO-32427-100710-JV-D5-A	D5-A	D5	Interior		1.5 - 2	ND(7.4)
PCB Cleanup Verification	10/8/2010	SO-32427-100810-JV-D5-B	D5-B	D5	Interior		1.5 - 2	ND(0.25)
PCB Cleanup Verification	10/7/2010	SO-32427-100710-JV-D5-C	D5-C	D5	Interior		1.5 - 2	ND(3.4)
PCB Cleanup Verification	10/7/2010	SO-32427-100710-JV-D5-D	D5-D	D5	Interior		1.5 - 2	ND(1.6)
PCB Cleanup Verification	10/7/2010	SO-32427-100710-JV-D5-E	D5-E	D5	Interior		1.5 - 2	ND(1.7)
PCB Cleanup Characterization - D3, D4, D5, D33	7/11/2008	S-32427-071108-D5-P4-A	D5-P4-A	D5	Perimeter		0.5 - 1	2.12
PCB Cleanup Characterization - D3, D4, D5, D33	7/11/2008	S-32427-071108-D5W-A	D5W-A	D5	Perimeter		0.5 - 1	12
PCB Cleanup Characterization - D3, D4, D5, D33	7/11/2008	S-32427-071108-D5W-B	D5W-B	D5	Perimeter		0.5 - 1	16.5
PCB Cleanup Verification	10/6/2010	SO-32427-100610-JV-D5W-A	D5W-A	D5	Perimeter		1.5 - 2	ND(0.39)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D6-1-3.5-4.0	D6 - 1	D6	Interior		4 - 4.5	ND(0.41)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D6-2-3.5-4.0	D6 - 2	D6	Interior		4.5 - 5	ND(0.41)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D6-3-3.5-4.0	D6 - 3	D6	Interior		4.5 - 5	ND(0.30)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D6-4-3.5-4.0	D6 - 4	D6	Interior		3.5 - 4	ND(0.39)
PCB Cleanup Verification	10/12/2010	SO-32427-101210-CB-D6-A	D6-A	D6	Interior		3.5 - 4	ND(0.36)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D6-N	D6 - N	D6	Perimeter		1 - 1.5	ND(0.34)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-DUP-002	D6 - N	D6	Perimeter	Duplicate	1 - 1.5	ND(0.35)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D6-S	D6 - S	D6	Perimeter		0.5 - 1	0.58
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D6-W	D6 - W	D6	Perimeter		0.5 - 1	ND(0.35)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D6-E-0-0.5	D6 - E	D6	Perimeter		0.5 - 1	ND(0.37)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D7-1-1-1.5	D7 - 1	D7	Interior		2 - 2.5	ND(0.37)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D7-2-1-1.5	D7 - 2	D7	Interior		2 - 2.5	ND(0.40)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D7-3-1-1.5	D7 - 3	D7	Interior		2 - 2.5	ND(0.39)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D7-4-1-1.5	D7 - 4	D7	Interior		2 - 2.5	ND(0.40)
PCB Cleanup Verification	10/13/2010	SO-32427-101310-CB-D7-A	D7-A	D7	Interior		2 - 2.5	ND(0.38)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D7-N	D7 - N	D7	Perimeter		0.5 - 1	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D7-E	D7 - E	D7	Perimeter		0.5 - 1	ND(0.34)
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-092	D8	D8	Interior		5.5	ND (0.43)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D8-2-1-1.5	D8 - 2	D8	Interior		2 - 2.5	1.2
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D8-3-1.5-2.0	D8 - 3 (Vertical sample for D8-3)	D8	Interior		2.0 - 2.5	9.5
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D8-4-1.5-2.0	D8 - 4 (Vertical sample for D8-4)	D8	Interior		1.92 - 2.42	ND(0.32)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D8-1-1.5-2.0	D8 - 1 (Vertical sample for D8-1)	D8	Interior		2.0 - 2.5	ND(0.34)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-DUP-010	D8 - 1 (Vertical sample for D8-1)	D8	Interior	Duplicate	2.0 - 2.5	ND(0.29)
PCB Cleanup Verification	10/6/2010	SO-32427-100610-JV-D8-A	D8-A	D8	Interior		1.92 - 2.42	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D8-N	D8 - N	D8	Perimeter		0.5 - 1	4.5
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D8-E	D8 - E	D8	Perimeter		0.5 - 1	ND(0.30)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-DUP-004	D8 - E	D8	Perimeter	Duplicate	0.5 - 1	ND(0.30)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D8-WA-0.5-1.0	D8 - WA (Vertical sample for D8 - W)	D8	Perimeter		1.0 - 1.5	1
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D8-WB-0-0.5	D8 - WB (West step out from D8 - W)	D8	Perimeter		0.54 - 1.04	ND(0.29)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D8-WC-0-0.5	D8 - WC (North Step out from D8 - W)	D8	Perimeter		1.0 - 1.5	13
PCB Cleanup Verification	10/6/2010	SO-32427-100610-JV-D8W-A	D8W-A	D8	Perimeter		1 - 1.5	0.5
PCB Cleanup Verification	10/6/2010	SO-32427-100610-JV-D8W-B	D8W-B	D8	Perimeter		0.5 - 1.5	2.7
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-093	D10	D10	Interior		5.5	ND (0.4)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D10-1-1-1.5	D10 - 1	D10	Interior		2 - 2.5	ND(0.34)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D10-2-1-1.5	D10 - 2	D10	Interior		2 - 2.5	ND(0.32)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-DUP-070110-009	D10 - 2	D10	Interior	Duplicate	2 - 2.5	ND(0.32)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D10-3-1-1.5	D10 - 3	D10	Interior		4 - 4.5	ND(0.42)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D10-4-1-1.5	D10 - 4	D10	Interior		3.5 - 4	ND(0.38)
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D10-A	D10-A	D10	Interior		2 - 2.5	ND(0.3)
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D10-B	D10-B	D10	Interior		2 - 2.5	ND(0.34)

TABLE 3.1

SUMMARY OF REMAINING PCB CONCENTRATIONS
PCB REMEDIATION
ARKEMA - WEST PLANT
RIVERVIEW, MICHIGAN

Investigation Event	Sample Date	Sample Name	Sample Location Name	Containment Area	Containment Area Location	QA/QC	Approx. Depth ft bgs[1]	Total PCB Results mg/kg
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D10-Bd	D10-B	D10	Interior	Duplicate	2 - 2.5	ND(0.21)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D10-N	D10 - N	D10	Perimeter		1 - 1.5	ND(0.35)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D10-NE	D10 - NE	D10	Perimeter		1 - 1.5	ND(3.2)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D10-E	D10 - E	D10	Perimeter		0.5 - 1	10
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D10-S	D10 - S	D10	Perimeter		2 - 2.5	2.3
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D10-W	D10 - W	D10	Perimeter		0.5 - 1	1.3
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-095	D11 North East	D11	Interior		5.5	ND (0.48)
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-097	D11 North West	D11	Interior		5.5	ND (0.47)
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-094	D11 South East	D11	Interior		5.5	ND (0.41)
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-096	D11 South West	D11	Interior		5.5	ND (0.42)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-NE1-1-1.5	D11 - NE1	D11	Interior		2.5 - 3	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-NE2-1-1.5	D11 - NE2	D11	Interior		2 - 2.5	ND(1.6)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-NE3-1-1.5	D11 - NE3	D11	Interior		2.5 - 3	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-NE4-1-1.5	D11 - NE4	D11	Interior		2 - 2.5	ND(1.5)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-DUP-063010-007	D11 - NE4	D11	Interior	Duplicate	2 - 2.5	ND(1.5)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-NW1-1-1.5	D11 - NW1	D11	Interior		2.5 - 3	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-NW2-1-1.5	D11 - NW2	D11	Interior		2.5 - 3	ND(0.33)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-NW3-1-1.5	D11 - NW3	D11	Interior		2 - 2.5	ND(1.7)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-NW4-1-1.5	D11 - NW4	D11	Interior		2 - 2.5	ND(1.7)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-SE1-1-1.5	D11 - SE1	D11	Interior		2.5 - 3	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-SE2-1-1.5	D11 - SE2	D11	Interior		2 - 2.5	ND(1.5)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-SE3-1-1.5	D11 - SE3	D11	Interior		2 - 2.5	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-DUP-063010-006	D11 - SE3	D11	Interior	Duplicate	2 - 2.5	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-SE4-1-1.5	D11 - SE4	D11	Interior		2 - 2.5	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-SW1-1-1.5	D11 - SW1	D11	Interior		2.5 - 3	ND(1.5)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-SW2-1-1.5	D11 - SW2	D11	Interior		2.5 - 3	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-SW3-1-1.5	D11 - SW3	D11	Interior		2 - 2.5	ND(1.6)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D11-SW4-1-1.5	D11 - SW4	D11	Interior		2 - 2.5	ND(0.31)
PCB Cleanup Verification	10/4/2010	SO-32427-100410-JV-D11-A	D11-A	D11	Interior		2 - 2.5	ND(0.31)
PCB Cleanup Verification	10/4/2010	SO-32427-100410-DR-D11-B	D11-B	D11	Interior		2 - 2.5	0.51
PCB Cleanup Verification	10/4/2010	SO-32427-100410-DR-D11-C	D11-C	D11	Interior		2 - 2.5	ND(0.31)
PCB Cleanup Verification	10/4/2010	SO-32427-100410-JV-D11-D	D11-D	D11	Interior		2 - 2.5	0.34
PCB Cleanup Verification	10/4/2010	SO-32427-100410-JV-D11-E	D11-E	D11	Interior		2 - 2.5	ND(0.31)
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D11-F	D11-F	D11	Interior		2 - 2.5	ND(0.19)
PCB Cleanup Verification	10/8/2010	SO-32427-100810-JV-D11-G	D11-G	D11	Interior		2 - 2.5	ND(0.39)
PCB Cleanup Verification	10/8/2010	SO-32427-100810-JV-D11-H	D11-H	D11	Interior		2 - 2.5	ND(2.2)
PCB Cleanup Verification	10/8/2010	SO-32427-100810-JV-D11-I	D11-I	D11	Interior		2 - 2.5	ND(2)
PCB Cleanup Verification	10/8/2010	SO-32427-100810-JV-D11-J	D11-J	D11	Interior		2 - 2.5	ND(2)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-S	D11 - S	D11	Perimeter		1 - 1.5	ND(3.1)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-1E	D11 - 1E	D11	Perimeter		1 - 1.5	ND(6.1)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-DUP-005	D11 - 1E	D11	Perimeter	Duplicate	1 - 1.5	ND(6.1)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-2E	D11 - 2E	D11	Perimeter		1 - 1.5	ND(3.1)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-3E	D11 - 3E	D11	Perimeter		0.5 - 1	ND(3.1)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-1W	D11 - 1W	D11	Perimeter		1 - 1.5	ND(0.30)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-2W	D11 - 2W	D11	Perimeter		1 - 1.5	1.1
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-3W	D11 - 3W	D11	Perimeter		1.5 - 2	0.95
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-4W	D11 - 4W	D11	Perimeter		1 - 1.5	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-NE	D11 - NE	D11	Perimeter		2.5 - 3	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/29/2010	SO-32427-062910-EV-D11-NW	D11 - NW	D11	Perimeter		2 - 2.5	ND(0.29)

TABLE 3.1

SUMMARY OF REMAINING PCB CONCENTRATIONS
PCB REMEDIATION
ARKEMA - WEST PLANT
RIVERVIEW, MICHIGAN

Investigation Event	Sample Date	Sample Name	Sample Location Name	Containment Area	Containment Area Location	QA/QC	Approx. Depth ft bgs[1]	Total PCB Results mg/kg
Initial Characterization - Site Wide	3/19/2003	S-32427-031903-EH-038	D15 East	D15	Interior		0.5 - 1.0	1.4
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-103	D15 East	D15	Interior		3.5 - 4	ND (0.42)
Initial Characterization - Site Wide	3/19/2003	S-32427-031903-EH-037	D15 West	D15	Interior		0.5 - 1.0	0.86 J
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-104	D15 West	D15	Interior		3.5 - 4	ND (0.43)
Initial Characterization - Site Wide	3/19/2003	S-32427-031903-EH-039	D16	D16	Interior		0.5 - 1	1.1 J
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-105	D16	D16	Interior		3.5 - 4	ND (0.41)
Initial Characterization - Site Wide	3/19/2003	S-32427-031903-EH-042	D21 Center	D21	Interior		0.5 - 1.0	9.9
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-107	D21 Center	D21	Interior		3.5 - 4	ND (0.4)
Initial Characterization - Site Wide	3/19/2003	S-32427-031903-EH-040	D21 East	D21	Interior		0.5 - 1.0	5.4
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-106	D21 East	D21	Interior		3.5 - 4	ND (0.4)
Initial Characterization - Site Wide	3/19/2003	S-32427-031903-EH-041	D21 West	D21	Interior		0.5 - 1.0	4.1
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-108	D21 West	D21	Interior		3.5 - 4	1.8
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-013	D29 North	D29	Interior		0.5 - 1	0.59
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-075	D29 North	D29	Interior		5.5	1
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-012	D29 South	D29	Interior		0.5 - 1	0.58
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-074	D29 South	D29	Interior		5.5	ND (0.45)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D30-2-1-1.5	D30 - 2	D30	Interior		2.5 - 3	1.6
PCB Cleanup Verification	10/12/2010	SO-32427-101210-CB-D30-A	D30-A	D30	Interior		2.5 - 3	0.44
PCB Cleanup Verification	10/12/2010	SO-32427-101210-CB-D30-Ad	D30-A	D30	Interior	Duplicate	2.5 - 3	ND(0.37)
PCB Cleanup Verification	10/12/2010	SO-32427-101210-CB-D30-B	D30-B	D30	Interior		2.5 - 3	ND(0.4)
PCB Cleanup Verification	10/12/2010	SO-32427-101210-CB-D30-Bd	D30-B	D30	Interior	Duplicate	2.5 - 3	ND(0.41)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D30-NE-0-0.5	D30 - NE	D30	Perimeter		1.5 - 2	ND(0.31)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D30-NW-0-0.5	D30 - NW	D30	Perimeter		1 - 1.5	ND(0.32)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D30-S-0-0.5	D30 - S	D30	Perimeter		1 - 1.5	0.65
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D30-WS-0-0.5	D30 - WS	D30	Perimeter		2 - 2.5	ND(3.9)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D30-WNA-0.5-1.0	D30 - WNA (Vertical sample for D30-WN)	D30	Perimeter		1.42 - 1.92	0.91
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D30-WNB-0-0.5	D30 - WNB (West step out from D30-WN)	D30	Perimeter		1.67 - 2.17	ND(0.51)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D30-WNC-0-0.5	D30 - WNC (North step out from D30-WN)	D30	Perimeter		1.25 - 1.75	ND(0.35)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-DUP-011	D30 - WNC (North step out from D30-WN)	D30	Perimeter	Duplicate	1.25 - 1.75	ND(0.37)
PCB Cleanup Verification	10/12/2010	SO-32427-101210-CB-D30W-A	D30W-A	D30	Perimeter		1.42 - 1.92	ND(0.35)
PCB Cleanup Verification	10/12/2010	SO-32427-101210-CB-D30W-B	D30W-B	D30	Perimeter		0.5 - 1	0.39
Initial Characterization - Site Wide	3/17/2003	S-32427-031703-EH-002	D31	D31	Interior		0.5 - 1	1.7
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-076	D31	D31	Interior		5.5	1.1
Initial Characterization - Site Wide	4/2/2003	S-32427-031703-EH-052	D32	D32	Interior		0.5 - 1	2.2
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-077	D32	D32	Interior		5.5	0.79
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-098	D33	D33	Interior		2.5 - 3.5	ND (0.44)
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-E	D33-E	D33	Interior		1.5 - 2.0	11
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-F	D33-F	D33	Interior		1.5 - 2.0	ND(3.7)
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-G	D33-G	D33	Interior		1.5 - 2.0	5.4
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-H	D33-H	D33	Interior		1.5 - 2.0	ND(1.9)
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-I	D33-I	D33	Interior		1.5 - 2.0	3.6
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-J	D33-J	D33	Interior		1.5 - 2.0	3.5
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-A	D33-A	D33	Perimeter		0.5 - 1	4.2
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-B	D33-B	D33	Perimeter		0.5 - 1	ND(19)
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-C	D33-C	D33	Perimeter		0.5 - 1	ND(9.6)
PCB Cleanup Characterization - D3, D4, D5, D33	5/13/2008	S-32427-051308-D33-D	D33-D	D33	Perimeter		0.5 - 1	9.9

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PCB REMEDIATION
ARKEMA - WEST PLANT
RIVERVIEW, MICHIGAN

Investigation Event	Sample Date	Sample Name	Sample Location Name	Containment Area	Containment Area Location	QA/QC	Approx. Depth ft bgs[1]	Total PCB Results mg/kg
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-102	D34 North	D34	Interior		5.5	ND (0.42)
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-101	D34 South	D34	Interior		5.5	2.9
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-1-1-1.5	D34-1	D34	Interior		2.5 - 3	ND(0.38)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-2-1-1.5	D34-2	D34	Interior		2.5 - 3	0.37
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-3-1-1.5	D34-3	D34	Interior		2.5 - 3	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-4-1-1.5	D34-4	D34	Interior		2 - 2.5	2.3
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-5-1-1.5	D34-5	D34	Interior		2 - 2.5	0.46
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-6-1-1.5	D34-6	D34	Interior		2.5 - 3	0.51
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-7-1-1.5	D34-7	D34	Interior		2.5 - 3	1.2
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-8-1-1.5	D34-8	D34	Interior		2.5 - 3	1.8
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-D34-A	D34-A	D34	Interior		2 - 2.5	3.3
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-D34-B	D34-B	D34	Interior		2 - 2.5	4
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-D34-C	D34-C	D34	Interior		2 - 2.5	0.32
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-N-0-0.5	D34 - N	D34	Perimeter		1 - 1.5	5.4
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-EN-0-0.5	D34 - EN	D34	Perimeter		1 - 1.5	3.5
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-DUP-063010-008	D34 - EN	D34	Perimeter	Duplicate	1 - 1.5	2.4
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-ES-0-0.5	D34 - ES	D34	Perimeter		1.5 - 2	1.8
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-S-0-0.5	D34 - S	D34	Perimeter		1 - 1.5	0.33
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-WN-0-0.5	D34 - WN	D34	Perimeter		1 - 1.5	0.91
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D34-WS-0-0.5	D34 - WS	D34	Perimeter		1 - 1.5	0.38
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D38-I-3.5-4.0	D38 - Interior	D38	Interior		4.5 - 5	ND(0.31)
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-D38-A	D38-A	D38	Interior		4.5 - 5	ND(0.33)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D38-N-0-0.5	D38 - N	D38	Perimeter		1 - 1.5	ND(0.30)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D38-E-0-0.5	D38 - E	D38	Perimeter		1 - 1.5	ND(0.31)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D38-S-0-0.5	D38 - S	D38	Perimeter		1 - 1.5	ND(0.32)
PCB Cleanup Characterization - Site Wide	6/30/2010	SO-32427-063010-EV-D38-W-0-0.5	D38 - W	D38	Perimeter		0.5 - 1	0.36
Initial Characterization - Site Wide	4/2/2003	S-32427-040203-EH-055	D39	D39	Interior		0.5 - 1	ND (0.41)
Initial Characterization - Site Wide	5/6/2003	S-32427-050603-SY-100	D39	D39	Interior		2.5 - 3.5	1
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-025	D42 South East	D42	Interior		0.5 - 1	5
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-072	D42 South East	D42	Interior		3.5 - 4	4.2
Initial Characterization - Site Wide	3/18/2003	S-32427-031803-EH-024	D42 South West	D42	Interior		0.5 - 1	7.8
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-071	D42 South West	D42	Interior		3.5 - 4	15
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D42-1-1.17-1.67	D42 - 1	D42	Interior		1.17 - 1.67	2.3
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-DUP-012	D42 - 1	D42	Interior	Duplicate	1.17 - 1.67	3.4
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D42-2-2.17-2.67	D42 - 2	D42	Interior		2.17 - 2.67	ND(0.37)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D42-3-1.17-1.67	D42 - 3	D42	Interior		1.17 - 1.67	13
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-D42-4-3.5-4.0	D42 - 4	D42	Interior		3.5 - 4.0	ND(0.36)
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D42-A	D42-A	D42	Interior		1.17 - 3.5	0.75
PCB Cleanup Verification	10/11/2010	SO-32427-101110-CB-D42-B	D42-B1	D42	Interior		3.5 - 4	ND(0.37)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D42-N-0-0.5	D42 - N	D42	Perimeter		1.5 - 2	7.6
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D42-E-0-0.5	D42 - E	D42	Perimeter		1 - 1.5	0.71
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D42-NE-0-0.5	D42 - NE	D42	Perimeter		1.5 - 2	6.6
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D42-NW-0-0.5	D42 - NW	D42	Perimeter		2 - 2.5	0.58
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-D42-W-0-0.5	D42 - W	D42	Perimeter		1 - 1.5	0.39

TABLE 3.1

SUMMARY OF REMAINING PCB CONCENTRATIONS
PCB REMEDIATION
ARKEMA - WEST PLANT
RIVERVIEW, MICHIGAN

Investigation Event	Sample Date	Sample Name	Sample Location Name	Containment Area	Containment Area Location	QA/QC	Approx. Depth ft bgs[1]	Total PCB Results mg/kg
Initial Characterization - Site Wide	4/2/2003	S-32427-040203-EH-054	D43 East	D43	Interior		0.5 - 1	ND (0.39)
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-069	D43 East	D43	Interior		5.5	ND (0.41)
Initial Characterization - Site Wide	4/2/2003	S-32427-040203-EH-053	D43 West	D43	Interior		0.5 - 1	ND (0.39)
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-070	D43 West	D43	Interior		5.5	ND (0.42)
Initial Characterization - Site Wide	3/20/2003	S-32427-032003-EH-051	D49	D49	Interior		0.5 - 1	ND (0.4)
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-068	D49	D49	Interior		3.5 - 4	ND (0.39)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-SB16-1-1.5	SB - 016	Adjacent D30	Perimeter		2 - 2.5	ND(0.37)
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-SB16A-0-0.5	SB - 016A	Adjacent D30	Perimeter		1 - 1.5	0.5
PCB Cleanup Verification	10/6/2010	SO-32427-100610-JV-SB-016-A	SB-016-A	Adjacent D30	Perimeter		2 - 2.5	1.1
PCB Cleanup Verification	10/6/2010	SO-32427-100610-JV-SB-016-B	SB-016-B	Adjacent D30	Perimeter		0.5 - 1.5	0.42
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-SB17-1-1.5	SB - 017	Adjacent D42	Perimeter		2 - 2.5	2.4
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-SB17A-0-0.5	SB - 017A	Adjacent D42	Perimeter		1 - 1.5	ND(0.29)
PCB Cleanup Verification	10/6/2010	SO-32427-100610-JV-SB-017-A	SB-017-A	Adjacent D42	Perimeter		2 - 2.5	ND(0.37)
PCB Cleanup Verification	10/6/2010	SO-32427-100610-JV-SB-017-B	SB-017-B	Adjacent D42	Perimeter		0.5 - 1.5	1.8
PCB Cleanup Characterization - Site Wide	7/1/2010	SO-32427-070110-EV-SB20-1-1.5	SB - 20	Adjacent D30	Perimeter		2 - 2.5	ND(0.31)
PCB Cleanup Characterization - Site Wide	7/28/2010	SO-32427-072810-CB-SB-20B-0-0.5	SB - 20B	Adjacent D30	Perimeter		2.0 - 2.5	0.35
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-SB-020-A	SB-020-A	Adjacent D30	Perimeter		2 - 2.5	1.05
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-SB-020-Ad	SB-020-A	Adjacent D30	Perimeter	Duplicate	2 - 2.5	1.2
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-SB-020-B	SB-020-B	Adjacent D30	Perimeter		0.5 - 1	6.5
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-SB-020-C	SB-020-C	Adjacent D30	Perimeter		1.0 - 2	3.8
PCB Cleanup Verification	10/5/2010	SO-32427-100510-JV-SB-020-Cd	SB-020-C	Adjacent D30	Perimeter	Duplicate	1.0 - 2	3.8
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P3	P3	Adjacent D5	Perimeter		0.5 - 1	7
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P5	P5	Adjacent D5	Perimeter		0.5 - 1	ND(0.28)
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P6	P6	Adjacent D5	Perimeter		0.5 - 1	0.41
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P7	P7	Adjacent D5	Perimeter		0.5 - 1	0.83
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P8	P8	Adjacent D5	Perimeter		0.5 - 1	ND(0.29)
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P9	P9	Adjacent D4	Perimeter		0.5 - 1	2
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P10	P10	Adjacent D3	Perimeter		0.5 - 1	0.78
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P11	P11	Adjacent D3	Perimeter		0.5 - 1	0.48
PCB Cleanup Characterization - D3, D4, D5, D33	5/15/2008	S-32427-051508-D345-P12	P12	Adjacent D3	Perimeter		0.5 - 1	8.9
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-001	SB-001	Adjacent D3	Perimeter		0.5 - 1	ND (0.39)
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-002	SB-002	Adjacent D3	Perimeter		0.5 - 1	ND (0.36)
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-003	SB-003	Adjacent D4	Perimeter		0.5 - 1	0.79
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-004	SB-004	Adjacent D11	Perimeter		0.5 - 1	ND (0.35)
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-005	SB-005	Adjacent D11	Perimeter		0.5 - 1	0.63
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-006	SB-006	Adjacent D33	Perimeter		0.5 - 1	0.39
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-007	SB-007	Adjacent D4	Perimeter		0.5 - 1	4.8
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-009	SB-009	Adjacent D7	Perimeter		0.5 - 1	5.9
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-010	SB-010	Adjacent D10	Perimeter		0.5 - 1	13
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-011	SB-011	Adjacent D3 and D4	Perimeter		0.5 - 1	4.1
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-012	SB-012	Adjacent D4 and D5	Perimeter		0.5 - 1	1.7
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-013	SB-013	Adjacent D5	Perimeter		0.5 - 1	7
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-014	SB-014	Adjacent D7	Perimeter		0.5 - 1	8.4
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-015	SB-015	Adjacent D10	Perimeter		0.5 - 1	14
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-018	SB-018	Adjacent D50	Perimeter		0.5 - 1	ND (0.40)
Initial Characterization - Site Wide	12/18/2003	S-32427-121803-EH-019	SB-019	Adjacent D50	Perimeter		0.5 - 1	ND (0.41)

TABLE 3.1

SUMMARY OF REMAINING PCB CONCENTRATIONS
PCB REMEDIATION
ARKEMA - WEST PLANT
RIVERVIEW, MICHIGAN

Investigation Event	Sample Date	Sample Name	Sample Location Name	Containment Area	Containment Area Location	QA/QC	Approx. Depth ft bgs[1]	Total PCB Results mg/kg
Initial Characterization - Site Wide	3/20/2003	S-32427-032003-EH-048	D50B	D50	Interior		2 - 2.5 [2]	15
Initial Characterization - Site Wide	5/3/2003	S-32427-050503-SY-064	D50B	D50	Interior		6.5 - 7 [2]	2.3
Initial Characterization - Site Wide	3/20/2003	S-32427-032003-EH-046	D50C	D50	Interior		2 - 2.5 [2]	4.8
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-062	D50C	D50	Interior		6.5 - 7 [2]	ND (0.39)
Initial Characterization - Site Wide	3/20/2003	S-32427-032003-EH-045	D50E	D50	Interior		2 - 2.5 [2]	15
Initial Characterization - Site Wide	3/20/2003	S-32427-032002-EH-049	D50E	D50	Interior		3 - 3.5 [2]	3.7
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-065	D50E	D50	Interior		6.5 - 7 [2]	ND (0.41)
Initial Characterization - Site Wide	3/20/2003	S-32427-032003-EH-047	D50F	D50	Interior		2 - 2.5 [2]	17
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-063	D50F	D50	Interior		6.5 - 7 [2]	0.76
Initial Characterization - Site Wide	3/19/2003	S-32427-031903-EH-043	D50A	D50	Interior - CAPPED AREA		2 - 2.5 [3]	63
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-066	D50A	D50	Interior - CAPPED AREA		6.5 - 7 [3]	ND (0.43)
Initial Characterization - Site Wide	8/22/2003	S-32427-082203-EH-009	D50A North Outside Perimeter	D50	Interior - CAPPED AREA		2.25 - 2.5 [3]	ND (0.41)
Initial Characterization - Site Wide	8/22/2003	S-32427-082203-EH-010	D50A South Outside Perimeter	D50	Interior - CAPPED AREA		2.25 - 2.5 [3]	ND (0.39)
Initial Characterization - Site Wide	8/27/2003	S-32427-082703-EH-012	D50A East	D50	Interior - CAPPED AREA		2 - 2.5 [3]	52
Initial Characterization - Site Wide	8/27/2003	S-32427-082703-EH-013	D50A Middle	D50	Interior - CAPPED AREA		2 - 2.5 [3]	47
Initial Characterization - Site Wide	8/27/2003	S-32427-082703-EH-014	D50A West	D50	Interior - CAPPED AREA		2 - 2.5 [3]	110
Initial Characterization - Site Wide	3/20/2003	S-32427-032003-EH-050	D50D	D50	Interior - CAPPED AREA		2 - 2.5 [3]	39
Initial Characterization - Site Wide	5/5/2003	S-32427-050503-SY-067	D50D	D50	Interior - CAPPED AREA		6.5 - 7 [3]	ND (0.45)

Notes:

1 - For samples collected in 2003 and 2008 (not including D50), sample depths presented in previous reports were identified based on their depth below an approximate 0.5 foot gravel layer. The depth shown is the approx. depth below ground surface (BGS

2 - For samples associated with Containment Area D50 B, C E & F, sample depths reflect the minimum of 2 feet of fill that was used to cover the area during plant deactivation activities

3 - For samples associated with Containment Area D50 A & D, sample depths reflect the minimum of 2 feet of clay cap that covers the area.

APPENDIX A

PERMITS

SESC Permit

PERMIT

EROSION AND SEDIMENTATION CONTROL
AS PERSCRIBED BY
Part 91 of Act 451, Public Acts of 1994

Permit Number: 10-151
Project Title: ARKEMA WEST PLANT SOIL R
Date Issued: 1/18/2011
Expiration Date: 5/18/2013

AUTHORITY IS HEREBY GRANTED TO:

APPLICANT

J. M. CENCETTI
ARKEMA, INC.
900 FIRST AVENUE
KING OF PRUSSIA, PA 19406-0936
Phone (610) 878-6250 Pager
Fax (610) 878-6609

AS AGENT FOR:

J. M. CENCETTI
ARKEMA, INC.
900 FIRST AVENUE
KING OF PRUSSIA, PA 19406-0936
Phone (610) 878-6250 Pager
Fax (610) 878-6609

TO CONDUCT AN EARTH CHANGE OF 0.75 ACRES ON A PARCEL 53 ACRES IN SIZE
IN ACCORD WITH PLANS DATED: 12/21/2010

PLAN PREPARED BY:

CONESTOGA ROVERS & ASSOCIATES
14496 SHELDON ROAD, SUITE 200
PLYMOUTH, MI 48170
Phone (734) 453-5123

THIS EARTH CHANGE TO BE LOCATED IN:

Community Riverview
Section Number NW1/4 SECTION 5
Subdivision
Lot #

PLAN APPROVED ON 1/18/2011

THE EARTH CHANGE SHALL CONSIST OF:

SOIL REMEDIATION ACTIVITIES, EXCAVATION & PROPER OFF SITE DISPOSAL OF CONTAMINATED SOIL & BACKFILL WITH CLEAN FILL TO EXISTING SURROUNDING [illegible]
Starting Date: 2/1/2011 Finish Date: 4/1/2011

LOCATED AS FOLLOWS:

PENNSYLVANIA & JEFFERSON

12100 W. JEFFERSON, RIVERVIEW, MICHIGAN

ARKEMA STORMWATER O 07 TO SIT. Rd.way

PROJECT CONTACT

ROBERT WRIGHT ARKEMA, INC.
Phone (610) 878-6250 Pager Fax (610) 878-6609 Cell (Field) Phone (734) 285-[illegible]

WORK UNDER AUTHORITY OF THIS PERMIT IS SUBJECT TO THE EARTH CHANGE REQUIREMENTS ON THE BACK OF THIS PERMIT, AND THE FOLLOWING SPECIAL RESTRICTIONS, LIMITATIONS AND INSTRUCTIONS:

1.) Notify the Wayne County Department of Environment at least 48 hours prior to beginning earthwork.

2.) Secure all other necessary clearances and permits from other governmental units prior to beginning earth change work.

3.) Projects of 5 acres or more in size are required to obtain an NPDES storm water discharge permit. Contact MDEQ SE MI District Office (586) 753-3700.

CC:

WAYNE COUNTY
DEPARTMENT OF ENVIRONMENT
Land Resources Management Division
3600 Commerce Court, Building E
Tel: (734) 326-3936
Fax: (734) 326-4421

Authorized by: [illegible]
Authorized Signature:
Title: Soil Erosion Inspector

GENERAL EARTH CHANGE REQUIREMENTS

1. A copy of the Soil Erosion and Sedimentation Control Permit and a set of plans approved by this office shall be located **at the earth change site at all times** that earthwork is taking place. Inform the Wayne County Department of Public Services, Land Resource Management Division of any changes to approved plans after issuance of permit.

2. The proposed work shall be carried out in accordance with approved earth change plans and in compliance with all requirements of the permit, Part 91, Act 451 of the Public Acts of 1994, as amended, and rules promulgated thereunder.

3. All earth changes shall be conducted in a manner that will effectively reduce accelerated soil erosion and resulting sedimentation.

4. All persons engaged in earth change activities shall, in conformance with Part 91, Act 451, implement and maintain acceptable soil erosion and sedimentation control measures that effectively reduce accelerated soil erosion.

5. All earth changes shall be constructed and completed in manner that will limit the exposed area of any disturbed land for the shortest possible period of time, as determined by the Wayne County Department of Public Services, Land Resource Management Division.

6. Sediment caused by accelerated soil erosion shall be removed from runoff water before it leaves the site of earth change.

7. A temporary or permanent facility designed and constructed for the conveyance of water around, through or from the earth change area shall be designed to limit the water flow to a non erosive velocity.

8. Temporary soil erosion control facilities shall be removed after the permanent soil erosion measures have been implemented. All earth change areas shall be graded and stabilized with permanent soil erosion control measures pursuant to standards and specifications established by the Wayne County Soil Conservation District on September 24, 1974.

9. Permanent soil erosion control measures for all slopes, channels, ditches, or any other disturbed land area shall be completed within 5 calendar days after final grading or the final earth change has been completed. All temporary soil erosion control measures shall be maintained until permanent soil erosion control measures are implemented. All permanent soil erosion control measures shall be maintained for a minimum of one year after the project passes the department's completion inspection.

10. All soil, miscellaneous debris, or other materials spilled, dumped or otherwise deposited on public streets, highways, sidewalks, or other public thoroughfares during transit to or from the earth change site shall be removed promptly.

11. THE PERMITTEE SHALL NOTIFY THE WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES, LAND RESOURCE MANAGEMENT DIVISION IN WRITING AS TO WHEN THE PROJECT COMPLETION INSPECTION CAN BE MADE.

12. Notify the Wayne County Department of Public Services, Land Resource Management Division in writing of sale of property while permit is active. Any sales or, exchange agreement between seller and purchaser must contain a reference to this permit and inform the purchaser that permanent erosion control measures shall be maintained.

* STAMPED, APPROVED PLANS INSIDE

EXHIBIT A

The following Soil Erosion Sediment Control Plan exhibit provides details regarding soil remediation activities at the Arkema Inc. (Arkema), former operating facility at 17168 West Jefferson, Riverview, Michigan.

1.0 SITE SETTING AND PROJECT DESCRIPTION

The Arkema property (Site) is a former manufacturing facility - decommissioned and demolished in 2010. The property, which encompasses approximately 53 acres, is located at the southwest corner of Pennsylvania Avenue and West Jefferson Avenue (Biddle Avenue) in Riverview, Michigan. Refer to Figure 1 for a map of the Site Location.

The Arkema property is essentially flat. Stormwater in the northern and central portions of the Site (the former production areas) drains through a storm water collection system consisting of surface drains connected to underground lines that flow to a 0.6 acre surface impoundment made of steel sheet pile walls and clay bottom. The surface impoundment discharges through underground piping to the Trenton Channel of the Detroit River. Stormwater in the southern portion of the Site drains to a stormwater retention basin, which is periodically pumped to the surface impoundment.

Soils at the Site consist of a layer of industrial fill material underlain by a thin (0.5 to 2 feet thick) discontinuous layer of peat. A 50-foot thick layer of brown and gray clay is found below the peat layer. All the proposed excavation will be within the fill material.

The project objective is to excavate and properly dispose of PCB impacted soils in accordance with plans reviewed and approved by the United States Environmental Protection Agency (U.S. EPA). Completed investigations have identified a thin layer of PCB contaminated soils underlying the surface gravel layer. This impacted material will be excavated and disposed in a permitted off-Site landfill.

The planned remediation work includes the excavation and off-Site disposal of shallow impacted soils in 22 small delineated areas resulting in a total of ~0.75 acres of disturbed area. The property layout and location of excavation areas are shown on Figure 2, attached. Refer to Attachment A for representative photographs of the excavation areas.

The remediation activities will be completed in the former production areas, located in the northern/central portions of the Site. Asphalt or concrete (roadways, floors from former structures, etc.) or a crushed limestone gravel layer covers the ground surface throughout the former production areas (i.e., work will be completed on improved surfaces).

All remedial excavations will be less than 5 feet in depth (most areas 1-2 feet deep) and will be within existing industrial fill material. After excavation, the areas will be immediately

backfilled to existing facility grade with a crushed limestone gravel surface layer. There will be no change in Site elevation resulting from the work.

2.0 SEQUENCE AND METHODS OF CONSTRUCTION

The sequence of construction activities will include:

1) Mobilization/Site Preparation

- Set up project management facilities that will likely include office space, sanitary facilities, and communications. Establish security controls and designate the work and exclusion zones. Since work includes remediation of contaminated soils, a project specific Health and Safety Plan will be generated and implemented including defining an exclusion zone (area with access through decontamination zones and limited to workers with proper equipment and training).
- Establish areas for material storage and stockpile (areas will be limited to areas that are currently concrete or asphalt paved).
- Demarcate soil removal boundaries.
- Identify and mark utilities.
- Construct decontamination areas.
- Establish erosion control measures per SESC Plan.

2) Material Removal

The activities will consist of removal of aboveground concrete structures remaining in the excavation areas, removal and temporary storage of the non-impacted surface gravel, plus excavation and off-Site disposal at permitted landfills of impacted soils. The soil removal will be followed by backfilling of the areas with clean soils and placing gravel at the surface.

The removal tasks will consist of:

- Aboveground Concrete Removal: Aboveground concrete structures in the excavation areas will be removed to grade, stockpiled pending waste characterization, and properly disposed off-Site. Concrete will be removed using excavator mounted hydraulic shears and hammers and appropriately sized for acceptance in the landfill.

- Removal/Stockpiling of Upper Gravel Layer: Following removal of aboveground concrete structures, approximately 6 inches of uncontaminated surface gravel will be removed from each of the 22 excavation areas. The gravel will be stockpiled on prepared stockpile areas

EXHIBIT A

(paved surfaces, covered with plastic sheeting, and surrounded by straw bails to prevent run-off). Ultimately the gravel will be re-used as the final cover during backfilling (see below).

- Excavation/Off-Site Disposal of Impacted Soil: Below grade material will be excavated to various depths ranging from approximately 1.5 feet to 4.5 feet below existing grade (19 of the 22 excavations will be 2.5 feet below grade or less). The areas and depth of excavation have been defined by previous investigation. The goal of the project is to directly load soil from the excavation to trucks for transport off-Site, although stockpiling may be required. Any stockpiling will be done in prepared areas (paved surfaces, covered with plastic sheeting, and surrounded by straw bails to prevent run-off).

During work associated with excavation, heavy equipment will be situated on concrete, asphalt or gravel covered surfaces, which will greatly minimize the potential for soil erosion and prevent soil disturbance beyond the excavation boundaries.

All trucks leaving the Site will travel across the decon/cleaning pad. All equipment leaving the excavation zones will be decontaminated (high pressure water wash) prior to leaving the Site.

Any water removed from excavation areas from necessary dewatering or rain events will be collected, treated on-Site, as necessary, and transported off-Site for proper disposal. Any additional generated water from decontamination of equipment and other tasks will also be collected for off-Site disposal.

3) Backfill/Site Restoration

Backfilling will commence immediately after excavation to limit open excavations. Backfilling will commence in one-foot lifts and each lift will be compacted by tracking over the backfilled area with the excavator or by using the excavator bucket. The final 6 inches of each excavation will be completed with crushed limestone gravel (from Item 2, above) and will be spread evenly to meet the surrounding grade. The net grade change following excavation and backfill will be zero.

It is anticipated that the project will last approximately 2 months. At the end of the work, all equipment will be removed and areas used for storage or stockpiling will be restored.

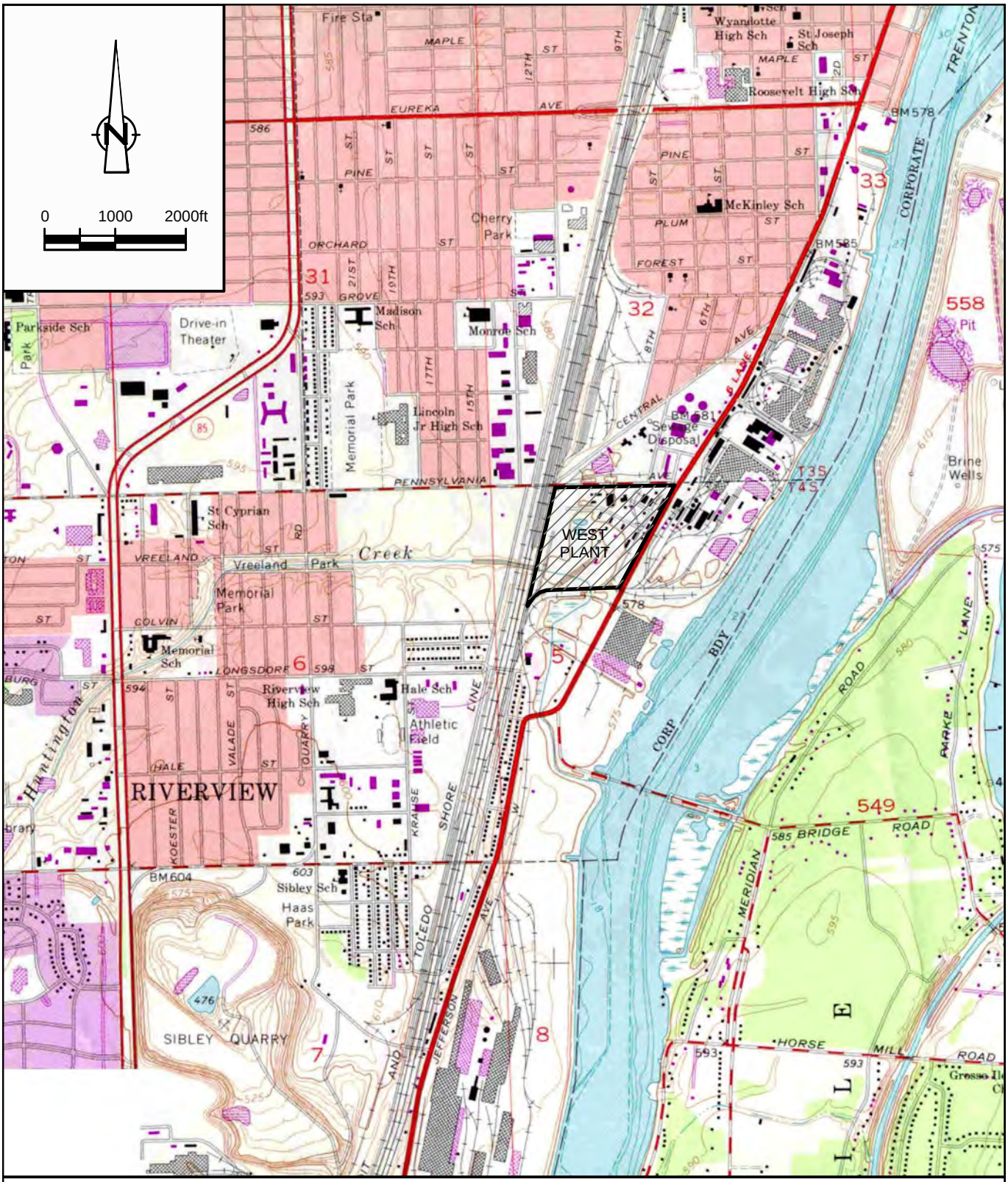
In summary, shallow soil excavation will be performed over a short period in small, defined areas. The excavation will be immediately backfilled to existing grade and there will be no change in Site elevation or drainage characteristics.

EXHIBIT A

3.0 SOIL EROSION AND SEDIMENT CONTROL MEASURES

During the mobilization task and prior to/during any excavation, soil erosion and sediment control measures will be installed and maintained. Measures will include:

- Protecting storm sewer inlets with geotextile fabric. Inlets within the work area will be protected by a single sheet of filter fabric conforming to Geotex III F as manufactured by Synthetic Industries, Inc. or equivalent woven monofilament filter fabric (ASTM flow rate =110 gallons per minute/per square foot).
- Protecting rear yard (beehive-type) catch basins present in the areas of work by surrounding with straw bails in lieu of filter fabric fence. Beehive-type catch basins are present in gravel covered areas. Due to the presence of a thick gravel layer (greater than 6 inches), installation of secure silt fencing will not be reasonably possible.
- Use of a truck decon/cleaning pad to facilitate truck cleaning at the entrance/exit of the exclusion zone to prevent tracking of residual material. The truck cleaning pad, depicted in Attachment A, is concrete and sloped to facilitate water collection and management. The truck cleaning pad will be used in lieu of a crushed rock tracking pad.
- Management of potential runoff from temporary stockpiles by staging on improved surfaces, covering with plastic sheeting and surrounding stockpiles with bound straw bails. Temporary stockpile staging areas are presented on Figure 2.
- Implementation of a street cleaning schedule to maintain a clean roadway. The schedule will consist of one street scraping at the end of each workday, or as required to maintain a clean roadway, and one street sweeping at least once per week, or as required to maintain a clean roadway.
- During the project, weekly inspections of all soil erosion and sediment control measures will be performed and corrective measures will be implemented as necessary to maintain the installed materials.



SOURCE: USGS QUADRANGLE MAP;
WYANDOTTE, MICHIGAN-ONTARIO

figure 1

RIVERVIEW

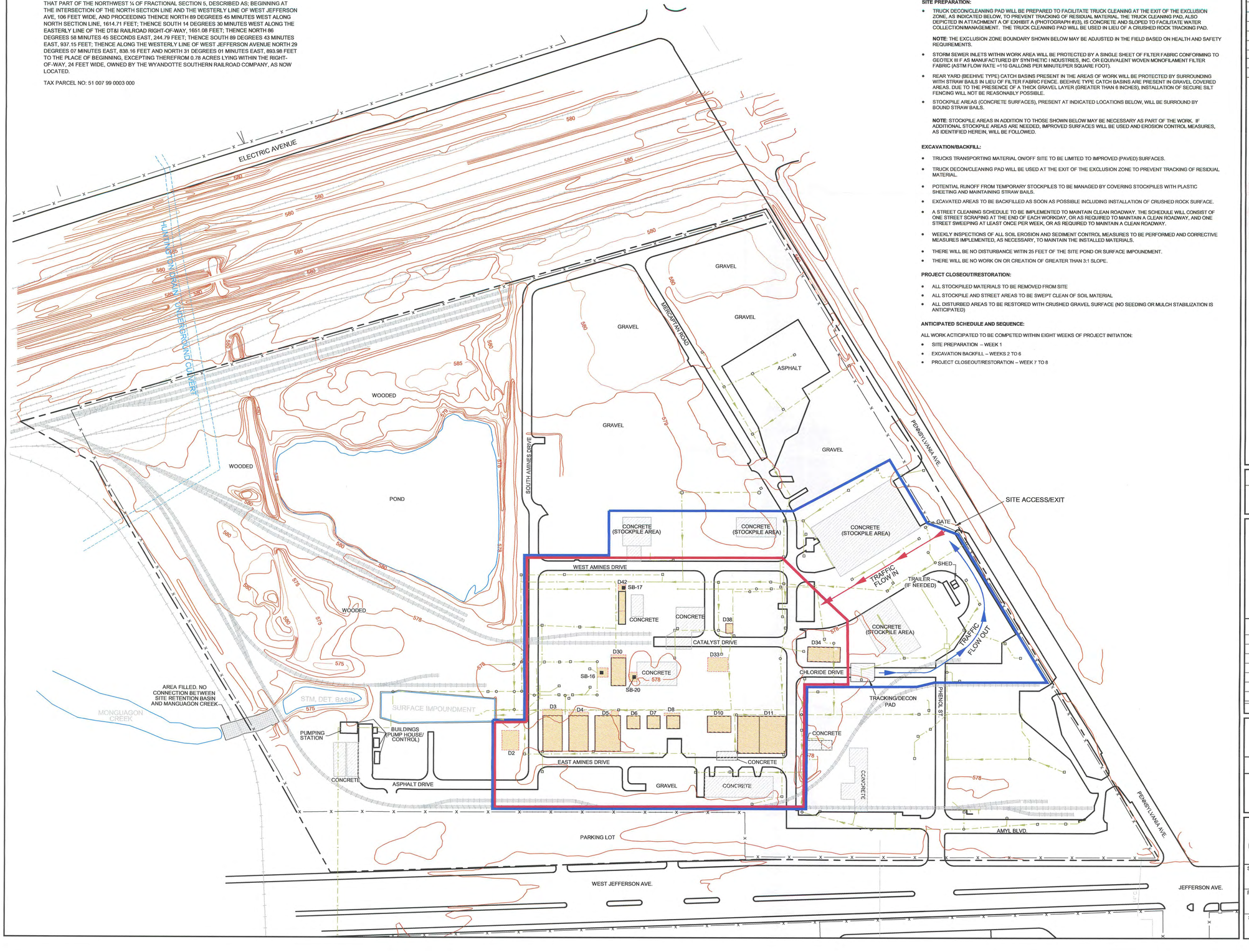
SITE LOCATION
ARKEMA INC.
Riverview, Michigan

032427-07(008)GN-DE001 OCT 18/2010

LEGAL DESCRIPTION:

THAT PART OF THE NORTHWEST ¼ OF FRACTIONAL SECTION 5, DESCRIBED AS: BEGINNING AT THE INTERSECTION OF THE NORTH SECTION LINE AND THE WESTERLY LINE OF WEST JEFFERSON AVE, 106 FEET WIDE, AND PROCEEDING THENCE NORTH 89 DEGREES 45 MINUTES WEST ALONG NORTH SECTION LINE, 1614.71 FEET; THENCE SOUTH 14 DEGREES 30 MINUTES WEST ALONG THE EASTERLY LINE OF THE DT&I RAILROAD RIGHT-OF-WAY, 1651.08 FEET; THENCE NORTH 86 DEGREES 58 MINUTES 45 SECONDS EAST, 244.79 FEET; THENCE SOUTH 89 DEGREES 43 MINUTES EAST, 937.15 FEET; THENCE ALONG THE WESTERLY LINE OF WEST JEFFERSON AVENUE NORTH 29 DEGREES 07 MINUTES EAST, 838.16 FEET AND NORTH 31 DEGREES 01 MINUTES EAST, 893.98 FEET TO THE PLACE OF BEGINNING, EXCEPTING THEREFROM 0.78 ACRES LYING WITHIN THE RIGHT-OF-WAY, 24 FEET WIDE, OWNED BY THE WYANDOTTE SOUTHERN RAILROAD COMPANY, AS NOW LOCATED.

TAX PARCEL NO: 51 007 99 0003 000



SUMMARY OF SESC PROCEDURES TO BE FOLLOWED DURING EACH SEQUENCE OF THE PROJECT:

SITE PREPARATION:

- TRUCK DECON/CLEANING PAD WILL BE PREPARED TO FACILITATE TRUCK CLEANING AT THE EXIT OF THE EXCLUSION ZONE, AS INDICATED BELOW, TO PREVENT TRACKING OF RESIDUAL MATERIAL. THE TRUCK CLEANING PAD, ALSO DEPICTED IN ATTACHMENT A OF EXHIBIT A (PHOTOGRAPH #13), IS CONCRETE AND SLOPED TO FACILITATE WATER COLLECTION/MANAGEMENT. THE TRUCK CLEANING PAD WILL BE USED IN LIEU OF A CRUSHED ROCK TRACKING PAD.

  NOTE: THE EXCLUSION ZONE BOUNDARY SHOWN BELOW MAY BE ADJUSTED IN THE FIELD BASED ON HEALTH AND SAFETY REQUIREMENTS.

- STORM SEWER INLETS WITHIN WORK AREA WILL BE PROTECTED BY A SINGLE SHEET OF FILTER FABRIC CONFORMING TO GEOTEX III F AS MANUFACTURED BY SYNTHETIC I NDUSTRIES, INC. OR EQUIVALENT WOVEN MONOFILAMENT FILTER FABRIC (ASTM FLOW RATE =110 GALLONS PER MINUTE/PER SQUARE FOOT).
- REAR YARD (BEEHIVE TYPE) CATCH BASINS PRESENT IN THE AREAS OF WORK WILL BE PROTECTED BY SURROUNDING WITH STRAW BAILS IN LIEU OF FILTER FABRIC FENCE. BEEHIVE TYPE CATCH BASINS ARE PRESENT IN GRAVEL COVERED AREAS. DUE TO THE PRESENCE OF A THICK GRAVEL LAYER (GREATER THAN 6 INCHES), INSTALLATION OF SECURE SILT FENCING WILL NOT BE REASONABLY POSSIBLE.
- STOCKPILE AREAS (CONCRETE SURFACES), PRESENT AT INDICATED LOCATIONS BELOW, WILL BE SURROUND BY BOUND STRAW BAILS.

  NOTE: STOCKPILE AREAS IN ADDITION TO THOSE SHOWN BELOW MAY BE NECESSARY AS PART OF THE WORK. IF ADDITIONAL STOCKPILE AREAS ARE NEEDED, IMPROVED SURFACES WILL BE USED AND EROSION CONTROL MEASURES, AS IDENTIFIED HEREIN, WILL BE FOLLOWED.

EXCAVATION/BACKFILL:

- TRUCKS TRANSPORTING MATERIAL ON/OFF SITE TO BE LIMITED TO IMPROVED (PAVED) SURFACES.
- TRUCK DECON/CLEANING PAD WILL BE USED AT THE EXIT OF THE EXCLUSION ZONE TO PREVENT TRACKING OF RESIDUAL MATERIAL.
- POTENTIAL RUNOFF FROM TEMPORARY STOCKPILES TO BE MANAGED BY COVERING STOCKPILES WITH PLASTIC SHEETING AND MAINTAINING STRAW BAILS.
- EXCAVATED AREAS TO BE BACKFILLED AS SOON AS POSSIBLE INCLUDING INSTALLATION OF CRUSHED ROCK SURFACE.
- A STREET CLEANING SCHEDULE TO BE IMPLEMENTED TO MAINTAIN CLEAN ROADWAY. THE SCHEDULE WILL CONSIST OF ONE STREET SCRAPING AT THE END OF EACH WORKDAY, OR AS REQUIRED TO MAINTAIN A CLEAN ROADWAY, AND ONE STREET SWEEPING AT LEAST ONCE PER WEEK, OR AS REQUIRED TO MAINTAIN A CLEAN ROADWAY.
- WEEKLY INSPECTIONS OF ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES TO BE PERFORMED AND CORRECTIVE MEASURES IMPLEMENTED, AS NECESSARY, TO MAINTAIN THE INSTALLED MATERIALS.
- THERE WILL BE NO DISTURBANCE WITIN 25 FEET OF THE SITE POND OR SURFACE IMPOUNDMENT.
- THERE WILL BE NO WORK ON OR CREATION OF GREATER THAN 3:1 SLOPE.

PROJECT CLOSEOUT/RESTORATION:

- ALL STOCKPILED MATERIALS TO BE REMOVED FROM SITE
- ALL STOCKPILE AND STREET AREAS TO BE SWEPT CLEAN OF SOIL MATERIAL
- ALL DISTURBED AREAS TO BE RESTORED WITH CRUSHED GRAVEL SURFACE (NO SEEDING OR MULCH STABILIZATION IS ANTICIPATED)

ANTICIPATED SCHEDULE AND SEQUENCE:

ALL WORK ACTICIPATED TO BE COMPETED WITHIN EIGHT WEEKS OF PROJECT INITIATION:

- SITE PREPARATION – WEEK 1
- EXCAVATION BACKFILL – WEEKS 2 TO 6
- PROJECT CLOSEOUT/RESTORATION – WEEK 7 TO 8

NO.	Revision	Date	Initial

APPROVED
Under Act 451, P.A. 1994, as Amended
SOIL EROSION & SEDIMENTATION CONTROL
PERMIT NO.
WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES
SOIL EROSION DIVISION
Date: 1-19-11 Approved by:

N

0 50 100ft

LEGEND

- PROPERTY BOUNDARY
- FENCE LINE
- CATCH BASINS
- MANHOLES
- EXCAVATION AREAS
- EXISTING BUILDINGS
- PONDS
- RAILROAD
- STORM SEWER LINES (WITH FLOW ARROW)
- 580 CONTOURS (NAVD 88)
- EXCLUSION ZONE
- CONSTRUCTION AREA

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

STATE OF MICHIGAN
SCOTT J. ADAMOWSKI
ENGINEER
No. 35248
LICENSED PROFESSIONAL ENGINEER

DRAWING STATUS

Status	Date	Initial

SITE PLAN

RIVERVIEW, MICHIGAN

ARKEMA, INC. - WEST PLANT

CRA Engineering, Inc.

Source Reference:

Project Manager:	Reviewed By:	Date:	
P.S.	J.V.	DECEMBER 21, 2010	
Scale: 1:100	Project Nº: 032427-08	Report Nº: PRES006	Drawing Nº: 2

032427-08(PRES006)GN-DE001 DEC 22/2010

Photo 1: D2 Facing Northwest (demarcated by stakes)

Photo 2: D3 Facing West

Photo 3: Excavation Area West of D4

Photo 4: D5 Facing East

Photo 5: D6 Facing West

Photo 6: Excavation Area West of D8 (demarcated by paint marks)

Photo 7: D10 Facing West

Photo 8: D11 Facing North (south half gravel covered , north half contains concrete structures)

Photo 9: D33 Facing West (demarcated by snow fence)

Photo 10: D34 Facing West (demarcated by cones)

Photo 11: D42 Facing West

Photo 12: D30 and SB-020 Area (SB-020 Area is North of D30 - demarcated by cones)

Photo 13: Truck Decon/Cleaning Pad

City of Riverview Work Permit

C. E. Raines Company
civil engineers / surveyors

November 1, 2011

Mr. David Scurto, Community Development Director
Building and Engineering Department
City of Riverview
14100 Civic Park Drive
Riverview, Michigan 48193-7600

RE: Arkema West Plant, 17168 West Jefferson, Soil Remediation Project
CERCO Job No. RV-71

Dear Mr. Scurto;

Our office has reviewed the letter dated October 27, 2011 in regard to the above mentioned project.

The project is approved as described in the project outline, reference 032427, on condition that the owners consultant engineer Conestoga-Rovers and Associates handles all the inspection and ensures compliance with EPA requirements.

The applicant is also requesting the use the City of Riverview sanitary sewers for the transportation of treated ground water and process water, once the batch test samples have been approved for acceptance by Wayne County Facilities Management Division. The City of Riverview's wastewater disposal charge will be $5.06 per 1000 gallons or a minimum of $200.00. Through discussion with the owner's consultant they are expecting approximately 125,000 gallons over the course of the project.

If you have any questions, please contact our office.

Sincerely,

C. E. RAINES COMPANY
City of Riverview Engineers

Nicholas Bayley

Nicholas Bayley, P.E.
Project Engineer

K:\Riverview\RV-73 Arkema-Taminco\Approval.doc

17700 Fort Street Riverview, Michigan 48193 (734) 285-7510 Fax (734) 285-7572

Wayne County Wastewater Discharge Permit

Wayne County Facilities Management Division
797 Central Avenue
Wyandotte, Michigan 48192
734-285-7232
Industrial Pretreatment Program
Special Condition Discharge Authorization

Authorization No.: S-10812
Expiration Date: 12-31-2011
Effective Date: 10-1-2011

In accordance with the provisions of Article V, Section 4.07 of the Wayne County Sewer Use Ordinance (SUO) and pursuant to the requirements of the Industrial Pretreatment Program (IPP) as specified in 40 Code of Federal Regulations (CFR) 403.8 (f),

	Contact Person	Phone No. ..... Fax #
Akema West Plant. Site address 17168 West Jefferson Ave. Riverview , MI 48193	Mr. Peter Swanson	734.453.5123
Mailing Address Conestoga Rovers & Associates Attn: Peter Swanson 14496 Sheldon Rd. Suite 200 Plymouth, MI 48170		

is hereby authorized to ***discharge excavation and groundwater*** from the above identified facility and through the outfalls identified herein into the sanitary sewer system tributary to the Downriver Wastewater Treatment Facility in accordance with the conditions set forth in this authorization. Compliance with this authorization does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this authorization.

Non-compliance with any term or condition of this authorization shall constitute a violation of the WC SUO.

Signature of Official: Roger K Gillard
Roger Gillard
Title: Department Manager Industrial Pretreatment

Date: 10-1-2011
CC: City of Riverview, Larry Hunter

A. Discharge Limitations

1. Type of Wastewater
   The permittee is authorized to discharge excavation groundwater pretreated with bag filters and dual carbon beds, from Effluent holding tank on a batch basis.

Sample Point	Description
01	Discharge from Effluent Holding tank to Riverview sanitary sewer MH # 2; 250 ft. south of former Employee parking lot and 75 ft. east of fence line. (see Attachment C).

2. Summary Table
   Effluent Limits - per WC SUO.

Discharge Limitations		Self-Monitoring Requirements *		
Effluent Characteristic	Daily Maximum	Measurement Frequency	Sample Type	Sample Point
Total PCB's	Non Detect <0.0001mg/l	Once / Batch	grab	001
pH	5.0 min -11.5 max	Once / Batch	grab	001

* If discharge to sanitary sewer system occurs

3. Special Conditions

   Contact WC FMD - IPP Section, in advance, 734-285-7232, to request authorization to commence discharge. Generally, discharge shall be authorized if the effective treatment capacity at the Downriver WWTF is not exceeded.

B. Monitoring

Permittee shall monitor as required in A.2.a. above.

C. Reporting

1. Compliance Report
   The permittee shall report flow rate data and copies of the analytical reports, including chain of custody forms and quality assurance/quality control (QA/QC) data. The report shall be received by 15th day of month following the end of discharge.

2. Volume Reporting
   Permittee shall measure volume discharge by using a flow measuring device. Permittee shall submit the total volume discharged to the City of Riverview Public Works, 14100 Civic Park Dr., Attn: Cindy Cobb, for sewage disposal billing monthly and to WC FMD - IPP quarterly on PCRs.

3. Signatory Requirements
   The Periodic Compliance Reports shall include the certification statement pursuant to Article V, Section 5.04 of the WC SUO and shall be signed by an authorized representative of the industrial user per Article I, Section 1, Definition 4, of the WC SUO.

D. Fees

1. Permittee shall pay the city of Riverview all applicable wastewater disposal charges based on actual volume discharged.

2. Permittee shall pay an annual administrative fee of $200.00 to WC FMD.

E. Terms and Conditions

1. Transfer of Authorization
   Special condition discharge authorizations are issued to a specific user for a specific operation and **may not** be assigned or transferred to another discharger or to another location without the prior written approval of the county.

2. Penalties for Violation of Authorization Conditions
   a. Municipal Civil Infractions
      Wayne County adopted a Municipal Civil Infractions Ordinance to designate certain violations of the SUO as municipal civil infractions rather than criminal misdemeanors. The sanction for a violation shall be a civil fine in the amount provided by schedule of civil fines contained in Article V, Section 6.10.2 of the SUO.
   b. Criminal Penalties; Imprisonment
      Any person, who commits any act specified under Article V, Section 6.10.3 of the SUO, shall, upon conviction, be guilty of a misdemeanor punishable by a fine of $500 per violation, per day or imprisonment for up to 90 days, or both in discretion of the court.

3. Slug/Spill Notification
   The permittee shall within one hour, of becoming aware, report any spill or slug which may cause increased pollution of normal industrial and/or sanitary wastewater. Call County personnel at 734-285-5500 and report

the: I) location of discharge; 2) date and time of discharge spill or slug; 3) type of waste; 4) concentration and volume of the spill or slug, and 5) describe the corrective actions taken to prevent future spill or slug discharges.

If a major spill occurs which may impact storm sewers or open waterways, call the Michigan Department of Environmental Quality, at 1-800-292-4706 and report the spill.

Written notification is required to the County Agency within five (5) days pursuant to Article V, Section 2.05.2.(b).

A slug is defined as a non-routine batch discharge, a release or spill from large chemical storage tanks, a discharge of wastewater which is four (4) times the average 24-hour concentration or is four (4) times over the flow limit for at least 15 minutes to the County sewer system.

Appendix A
Local Discharge Limitations – Downriver Waste Treatment Facility

No	Parameters	Limit (*Average Daily Concentrations*)	
1.	Arsenic, total	1.8	mg/l
2.	Cadmium, total	0.45	mg/l
3.	Chromium, total	15.0	mg/l
4	Copper, total	2.8	mg/l
5	Cyanide, total	1.80	mg/l
6.	Lead, total	1.00	mg/l
7.	Mercury, total	Non-detectable **	mg/l
8.	Nickel, total	6.00	mg/l
9.	Silver, total	0.43	mg/l
10.	Zinc, total	4.50	mg/l
11.	Fats, Oil, and Grease (FOG)	500.0	mg/l
12.	TPH Non Polar	65	mg/l
13.	Phenolics, total	1.0	mg/l
14.	Polychlorinated Biphenyls (PCBs)	Non-detectable **	mg/l
15.	pH	5.0 - 11.5	s.u.
16.	Carbonaceous Biochemical Oxygen Demand ($CBOD_5$)	1,400.	mg/l
17.	Total Phosphorous	177	mg/l
18.	Total Suspended Solids (TSS)	2,600	mg/l
19.	Chloroform	0.25	mg/l
20.	Methylene Chloride	1.00	mg/l
21.	Tetrachloroethylene	0.25	mg/l
22	Toluene	1.0	mg/l
23	Trichloroethylene	0.25	mg/l
24	BTEX, (benzene, toluene, ethylbenzene, xylene)	2.0	mg/l

** The quantification level shall not exceed 0.1 UG/l for PCBs and 0.2 UG/l for mercury, unless higher levels are appropriate because of sample matrix interference. Any discharge of PCBs or mercury at or above the quantification level is a specific violation of this Ordinance. This paragraph does not authorize the discharge of PCBs or mercury at levels which are injurious to the designated uses of the waters of the state, or which, constitute a threat to the public health or welfare. If adopted by the state of Michigan to implement the Great Lakes initiative for PCBs or mercury, the quantification level in a permit issued pursuant to this Ordinance may be changed, upon county agency approval, to incorporate such promulgated quantification level.

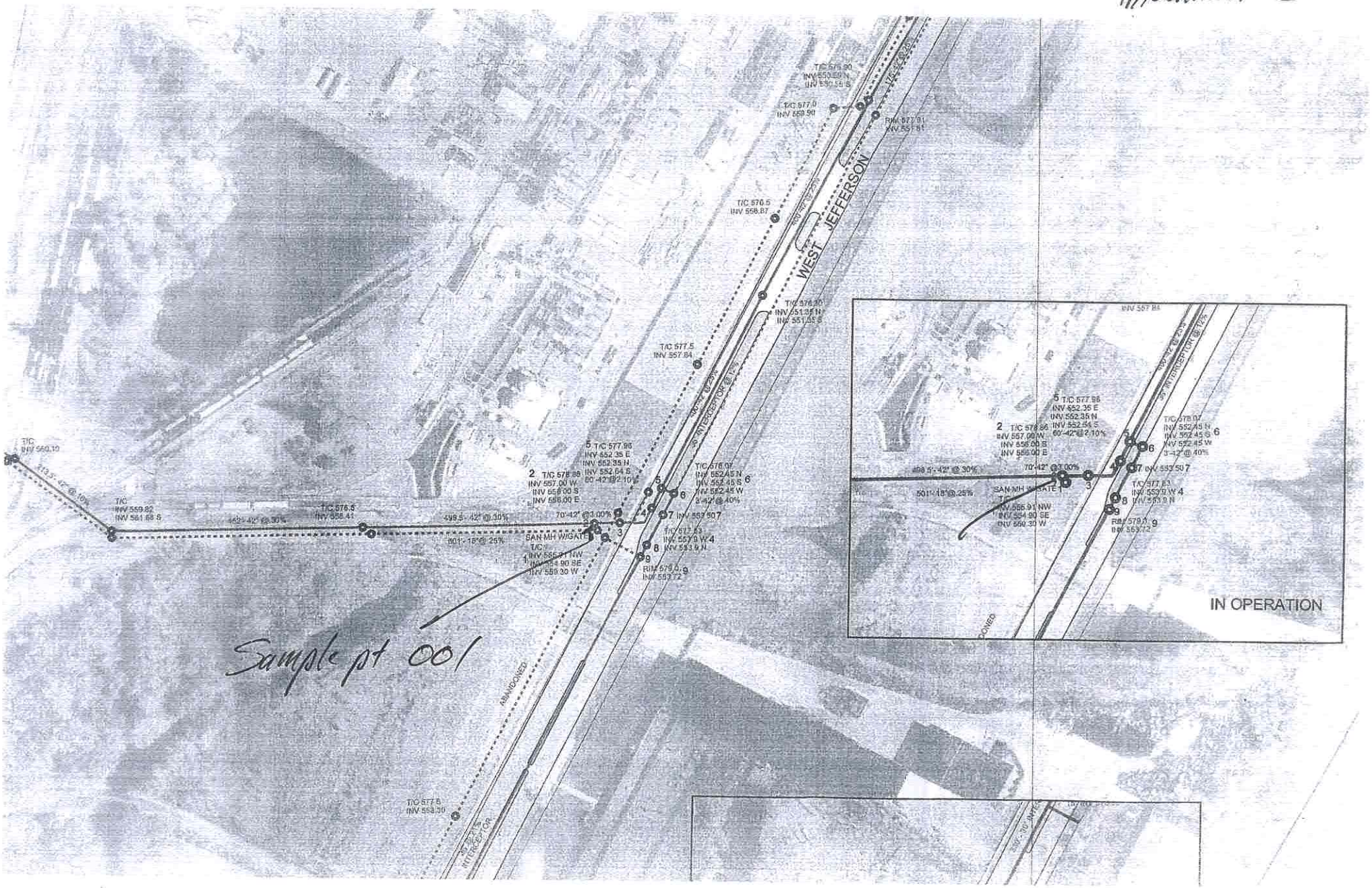
Attachment 1

Significant Non-Compliance (SNC)

An Industrial User is in Significant Non-Compliance if its violation meets one (1) or more of the following criteria:

1. Chronic violations of Wastewater discharge limits, defined herein as those in which sixty-six (66) percent or more of all of the measurements taken during a six (6) month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement, including instantaneous limits, as defined in by 40 CFR 403.3 (l).
2. Technical review criteria (TRC) violations, defined here as those in which thirty-three (33) percent or more of all of the measurements for each Pollutant parameter taken during a six (6) month period equal or exceed the product to numeric Pretreatment Standard or Requirement including instantaneous limits as defined by 40 CFR 403.3 (l) multiplied by the applicable TRC (TRC=1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other Pollutants except pH);
3. Any other violation of a Pretreatment Standard or Requirement as defined by 40 CFR 403.3 (l)(daily maximum, long-term average, *instantaneous limit, or narrative Standard*) that the County Agency determines has caused, alone or in combination with other discharges, Interference or Pass through (including endangering the health of POTW personnel or the general public);
4. Any discharge of a Pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority under Article V of this Ordinance, (40 CFR 403.8 (f) (1) (vi) (B), as amended) to halt or prevent such a discharge.
5. Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a Wastewater Discharge Permit, compliance schedule or conciliation agreement, or enforcement order for starting construction, completing construction, or attaining final compliance;
6. Failure to provide, within 45 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;
7. Failure to accurately report noncompliance;
8. Any other violation or group of violations, which may include a violation of Best Management Practices, which the County Agency determines will adversely affect the operation or implementation of the County's Industrial Pretreatment Program.

Attachment "C"



Wayne County Facilities Management Division
797 Central Avenue
Wyandotte, Michigan 48192
734-285-7232
Industrial Pretreatment Program
Special Condition Discharge Authorization

Authorization No.: S-10812
Expiration Date: 1-31-2012
Effective Date: 10-1-2011
Revision # 1 12-29-2011

In accordance with the provisions of Article V, Section 4.07 of the Wayne County Sewer Use Ordinance (SUO) and pursuant to the requirements of the Industrial Pretreatment Program (IPP) as specified in 40 Code of Federal Regulations (CFR) 403.8 (f),

Arkema West Plant. Site address 17168 West Jefferson Ave. Riverview , MI 48193	Contact Person Mr. Peter Swanson	Phone No. ..... Fax # 734.453.5123
Mailing Address Conestoga Rovers & Associates Attn: Peter Swanson 14496 Sheldon Rd. Suite 200 Plymouth, MI 48170		

is hereby authorized to ***discharge excavation and groundwater*** from the above identified facility and through the outfalls identified herein into the sanitary sewer system tributary to the Downriver Wastewater Treatment Facility in accordance with the conditions set forth in this authorization. Compliance with this authorization does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this authorization.

Non-compliance with any term or condition of this authorization shall constitute a violation of the WC SUO.

Signature of Official: Roger K Gillard
Roger Gillard
Title: Department Manager Industrial Pretreatment

Date: 12-29-11

CC: City of Riverview, Larry Hunter

A. Discharge Limitations

1. Type of Wastewater
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pH	5.0 min -11.5 max	Once / Batch	grab	001

* If discharge to sanitary sewer system occurs

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   Contact WC FMD - IPP Section, in advance, 734-285-7232, to request authorization to commence discharge. Generally, discharge shall be authorized if the effective treatment capacity at the Downriver WWTF is not exceeded.

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Permittee shall monitor as required in A.2.a. above.

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   The permittee shall report flow rate data and copies of the analytical reports, including chain of custody forms and quality assurance/quality control (QA/QC) data. The report shall be received by 15th day of month following the end of discharge.

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   Permittee shall measure volume discharge by using a flow measuring device. Permittee shall submit the total volume discharged to the City of Riverview Public Works, 14100 Civic Park Dr., Attn: Cindy Cobb, for sewage disposal billing monthly and to WC FMD - IPP quarterly on PCRs.

3. Signatory Requirements
   The Periodic Compliance Reports shall include the certification statement pursuant to Article V, Section 5.04 of the WC SUO and shall be signed by an authorized representative of the industrial user per Article I, Section 1, Definition 4, of the WC SUO.

D. Fees

1. Permittee shall pay the city of Riverview all applicable wastewater disposal charges based on actual volume discharged.

2. Permittee shall pay an annual administrative fee of $200.00 to WC FMD.

E. Terms and Conditions

1. Transfer of Authorization
   Special condition discharge authorizations are issued to a specific user for a specific operation and **may not** be assigned or transferred to another discharger or to another location without the prior written approval of the county.

2. Penalties for Violation of Authorization Conditions
   a. Municipal Civil Infractions
      Wayne County adopted a Municipal Civil Infractions Ordinance to designate certain violations of the SUO as municipal civil infractions rather than criminal misdemeanors. The sanction for a violation shall be a civil fine in the amount provided by schedule of civil fines contained in Article V, Section 6.10.2 of the SUO.
   b. Criminal Penalties; Imprisonment
      Any person, who commits any act specified under Article V, Section 6.10.3 of the SUO, shall, upon conviction, be guilty of a misdemeanor punishable by a fine of $500 per violation, per day or imprisonment for up to 90 days, or both in discretion of the court.

3. Slug/Spill Notification
   The permittee shall within one hour, of becoming aware, report any spill or slug which may cause increased pollution of normal industrial and/or sanitary wastewater. Call County personnel at 734-285-5500 and report

the: I) location of discharge; 2) date and time of discharge spill or slug; 3) type of waste; 4) concentration and volume of the spill or slug, and 5) describe the corrective actions taken to prevent future spill or slug discharges.

If a major spill occurs which may impact storm sewers or open waterways, call the Michigan Department of Environmental Quality, at 1-800-292-4706 and report the spill.

Written notification is required to the County Agency within five (5) days pursuant to Article V, Section 2.05.2.(b).

A slug is defined as a non-routine batch discharge, a release or spill from large chemical storage tanks, a discharge of wastewater which is four (4) times the average 24-hour concentration or is four (4) times over the flow limit for at least 15 minutes to the County sewer system.

APPENDIX B

U.S. EPA CLEANUP PLAN APPROVAL LETTER

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

June 4, 2010

REPLY TO THE ATTENTION OF

LU-9J

CERTIFIED MAIL 7001 0320 0006 0188 1632
RETURN RECEIPT REQUESTED

Robert L. Wright
Principal Environmental Engineer
Arkema, Inc.
900 First Avenue
King of Prussia, PA 19406

Re: Approval of Site-Wide PCB Cleanup Plan, Arkema, Inc. West Plant dated May 2010
Administrative Order on Consent
U.S. EPA ID NO. MID 005 363 114

Dear Mr. Wright,

By this letter, EPA approves the May revised 2010 *Site-Wide PCB Cleanup Plan* ("Work Plan") for the Arkema, Inc. West Plant located in Riverview, Michigan. The Work Plan revises previously approved work plans dating to 2003, and describes Arkema's approach to completing the investigation of the extent of PCB contamination and the remedial phase, including design plans and measures to be performed at the Site. Per EPA request, you provided a letter dated June 1, 2010 to Ms. Carolyn Bury of my staff to provide clarification on specific characterization sampling topics.

Per Section 4.10 of the plan and the schedule in Figure 4-1, work will begin upon receipt of this approval letter; per the schedule characterization and remediation could be completed this calendar year. Please notify EPA by email within one week of the onset of each major phase of the project, including fieldwork and remedial work mobilization, sampling completion, design completion, and site restoration. Please provide EPA with copies of sampling analytical results and design documents.

If you have any questions, please contact Ms. Carolyn Bury of my staff at (312) 886-3020.

Sincerely,

Jose Cisneros
Chief
Remediation and Reuse Branch

APPENDIX C

AAQMP AND PERIMETER AIR MONITORING RESULTS

AAQMP Report

AMBIENT AIR QUALITY MONITORING PLAN
WEST PLANT PROPERTY PCB REMEDIATION

Arkema
Riverview, Michigan

Prepared by:
Conestoga-Rovers & Associates

14496 Sheldon Road
Suite 200
Plymouth, Michigan 48170

Office: (734) 453-5123
Fax: (734) 453-5201

web: http:\\www.CRAworld.com

NOVEMBER 2011
REF. NO. 032427

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(Following Text)

1.0 INTRODUCTION

This Ambient Air Quality Monitoring Plan (AAQMP) was prepared by Conestoga-Rovers & Associates, Inc. (CRA) for the Arkema Inc. (Arkema) West Plant Property located at 17168 West Jefferson in Riverview, Michigan (Site). Refer to Figure 1 for the Site location.

The purpose of the AAQMP is to present the scope of work for ambient air monitoring activities which will be conducted at the Site as part of polychlorinated biphenyl (PCB) remediation activities. The overall remediation objective is to excavate and properly dispose of PCB impacted soils. The planned remediation work includes the excavation and off-site disposal of shallow impacted soils from 22 small delineated areas, as shown on the Site Plan presented as Figure 2.

The objective of this air monitoring program is to quantify the airborne concentrations of contaminants, if any, at the perimeter of the Site that may be associated with the remediation activities. Specifically, this AAQMP describes the protocols and procedures for assessing potential airborne concentrations of PCBs and total organic vapor using the following methods:

- total VOC concentrations in air utilizing real time organic vapor analyzers (i.e., photoionization detectors with a 11.7 eV lamp)
- total suspended particulates (TSP) in air utilizing a real time dust monitor (i.e., Thermo Scientific ADR-1500 or equivalent)

The procedures and protocols identified in this AAQMP are applicable to air monitoring activities conducted around the Site perimeter during excavation activities, which are anticipated to involve PCBs and potentially low level VOCs. Daily supervision and implementation of this AAQMP will be completed by CRA for the purpose of ensuring protection of the surrounding community and the environment. This air monitoring program is separate from the health and safety air monitoring program to be implemented by the Contractor for worker safety during soil excavation and handling activities within the work and support zones. The Contractor will be responsible for implementing their air monitoring program in accordance with their approved Site-Specific Health and Safety Plan (HASP).

1.1 GENERAL STRATEGY

During the soil excavation and material handling activities at the Site, the potential exists for the emission of PCBs, total suspended particulate (TSP) and potentially low level VOCs. In addition, this project may result in the emission of objectionable odors. In order to determine the extent of these potential emissions, air monitoring will be conducted in and around the following three areas during excavation activities:

i) Site perimeter (CRA)

ii) Active work areas (Contractor)

iii) Site support areas (Contractor)

The Site perimeter air monitoring activities will be conducted by CRA, as described in this AAQMP to verify that remediation activities do not potentially adversely affect the health of off-Site personnel (i.e., members of the general public, employees of adjacent businesses, etc.) or the environment. Air monitoring will be conducted using real time monitoring instruments (i.e.; short-term monitoring consisting of field measurements with immediate results). In addition, qualitative assessments will be conducted along the Site perimeter to evaluate and control potential objectionable odors.

The air monitoring activities associated with the active work areas and support areas will be conducted by the Contractor in accordance with their approved HASP.

1.2 HISTORY AND SUMMARY OF PLANNED SITE ACTIVITIES

The West Plant is a former manufacturing facility, which ceased operations in 2009 and was decommissioned and demolished in 2010. The Site, which encompasses approximately 53 acres, is located at the southwest corner of Pennsylvania Avenue and West Jefferson Avenue (Biddle Avenue) in Riverview, Michigan. The planned remediation activities will be completed in the former production areas located in the central portion of the Site.

Decommissioning and demolition efforts, concluded during the first quarter of 2010, have removed former production equipment and buildings. Remaining structures are limited to concrete walls and supports at select former above ground tank secondary containment areas and ancillary equipment used for stormwater collection and conveyance. Asphalt or

concrete (roadways, floors from former structures, etc.) or a crushed limestone gravel layer covers the ground surface throughout the former production areas. All work during the remediation will be completed on improved surfaces.

The planned soil remediation is the end result of several investigation and reporting phases conducted under the direction of the United States Environmental Protection Agency (U.S. EPA) in accordance with PCB remediation requirements detailed in Title 40 of the Code of Federal Regulations, Part 761 (40 CFR 761), §761.61(c). All related investigation activities and cleanup plans have been reviewed and approved by the U.S. EPA. The overall remediation objective is to excavate and properly dispose of PCB impacted soils in accordance with approved plans. The planned remediation work includes the excavation and off-site disposal of shallow soils from 22 small delineated areas containing PCBs between approximately 19 and 370 mg/kg (the highest concentrations detected in the work areas), as summarized below:

Item	Location Name	Maximum Concentration Detected (ppm)
1	D2	38
2	D3	210
3	West of D3	40
4	D4	220
5	West of D4	25
6	D5	65
7	West of D5	56
8	D6	140
9	D7	370
10	D8	41
11	West of D8	47
12	D10	70
13	D11	84
14	D30	110
15	West of D30	110
16	D33	55
17	D34	27
18	D38	70
19	D42 East	47
20	SB-016	19
21	SB-017	36
22	SB-020	37

Based on characterization sampling conducted within the 22 areas of excavation, PCB impacted soil was also found to contain various trace/low level VOCs, as listed below. The constituents were not detected at concentrations above Michigan Department of Environmental Quality (MDEQ) Generic Inhalation Criteria but total organic vapor will be monitored as a conservative measure throughout the project.

- 1,2-Dichlorobenzene (1,600 µg/kg)
- 1,4-Dichlorobenzene (830 µg/kg)
- 2-Butanone (Methyl ethyl ketone) (MEK) (75 µg/kg)
- Acetone (110 µg/kg)
- Chlorobenzene (22,000 µg/kg)
- Ethylbenzene (50 µg/kg)
- Methylene Chloride (46 µg/kg)
- Xylenes (280 µg/kg)

To remove PCB impacted soils, planned remediation activities will generally include:

1) <u>Mobilization/Site Preparation</u>

The following activities will be completed in conjunction with mobilization:

- Set up project management facilities that will include office space, sanitary facilities, and communications.
- Establish security controls and designate the exclusion, contaminant reduction, and support zones.
- Establish a laydown area for equipment and materials (lay down areas will be limited to those areas that are currently concrete or asphalt paved).
- Construct decontamination areas.
- Install erosion control measures per approved Soil Erosion and Sedimentation Control Plan (SESC Plan).

2) <u>Material Removal and off-Site Transportation and Disposal</u>

Activities will consist of demolition and removal of aboveground concrete structures remaining in the excavation areas, removal and temporary storage of the non-impacted surface gravel, and excavation and off-site disposal of impacted soils.

Any water generated as part of decontamination or from necessary dewatering or rain events will be collected, treated on-Site, as necessary, and discharged under permit.

3) Backfill/Site Restoration

Backfilling will commence immediately after excavation to limit open excavations. Backfilling will commence in one-foot lifts and each lift will be compacted by tracking over the backfilled area with the excavator or by using the excavator bucket. The final 6 inches of each excavation will be completed with crushed limestone gravel and will be spread evenly to meet the surrounding grade. The net grade change following excavation and backfill will be zero.

Activities that may result in potential airborne emissions include:

- Demolition and removal of aboveground concrete structures (structures are not contaminated but may result in release of concrete dust).
- Removal and temporary storage of the non-impacted surface gravel (gravel is not contaminated but may result in release of surface particulate). Site perimeter monitoring will be performed during these activities.
- Excavation and off-site disposal of impacted soils and backfilling (may result in release of PCB-impacted particulate, organic vapors and objectionable odors).

1.3 AAQMP ORGANIZATION

The remainder of this AAQMP consists of the following sections:

- Section 2.0 - describes the procedures for the determination of TSP and total organic vapor at the Site perimeter on a real-time basis.
- Section 3.0 - describes the corrective actions required should concentrations exceed the ambient air criteria.
- Section 4.0 – describes equipment calibration procedures and quality control.
- Section 5.0 - describes air monitoring data reduction, validation and reporting.

2.0 REAL TIME AIR MONITORING

Real-time air monitoring at the Site perimeter will be conducted to determine TSP, PCB and total organic vapor during the remedial activities. As PCBs could be present on particulate matter, potential PCB concentrations will be evaluated by multiplying the highest soil concentration detected in the respective area of work by the TSP concentration. The Site perimeter air monitoring will be conducted by CRA or designated site personnel.

2.1 REAL TIME SAMPLING LOCATIONS

Readings for TSP and total organic vapor will be obtained from three sampling locations around the Site perimeter. Locations will be selected daily prior to the initiation of the remedial activities and adjusted accordingly based on wind direction and the area of active work. One of the three air monitoring locations will represent the upwind (i.e. background) sample and two locations will be selected downwind of the immediate area of work. The results of the background sample will be compared to the downwind sample results to determine the extent of any potential emissions migrating off-Site due to on-Site activities.

2.2 REAL TIME SAMPLING METHODS

Real-time air monitoring will be performed utilizing the following instrumentation:

1. Thermo Scientific ADR-1500 Real-Time Particulate Monitor, or equivalent (for TSP)
2. HNu photoionizer (PID), Microtip PID, or equivalent (for total VOCs)

All instrumentation will be utilized and calibrated in accordance with the manufacturers' specifications. Inclement weather (heavy rain, fog, etc.) may limit the effectiveness of air monitoring equipment. In the event of heavy rain, air monitoring equipment may be shut down to prevent equipment malfunction. In the case of heavy rain, where equipment cannot be used, CRA will utilize qualitative assessments (visible emissions, odors, etc.) to control emissions.

Estimated PCB concentrations will be determined by multiplying the highest soil concentration in the respective area of work (see Table in Section 1.2) by the TSP concentration.

Also, odors will be monitored qualitatively by the Engineer at these sampling locations to determine potential odor impacts from Site activities. Odors are subjective with varying thresholds, thus, odors observed cannot be assessed against regulated criteria.

2.3 REAL-TIME SAMPLING FREQUENCY

During the first week of intrusive remediation activities, readings of VOCs and TSPs will be collected once every hour from each real-time sampling location around the Site perimeter. Estimated PCB concentrations will be determined by multiplying the highest soil concentration of PCBs (dependant on the area of work, as identified in the table in Section 1.2) by the TSP concentration. Odors will also be monitored at the same locations and frequency of real-time monitoring. Qualitative assessments of odors will be recorded by the on-Site Engineer.

If "stop work" action levels for total VOCs, TSPs, PCBs or odors are not exceeded during the first week of real-time air monitoring activities (see Table 1), the frequency of monitoring may be reduced to three times per day (morning, noon and night), subject to approval from Arkema.

If an exceedance of perimeter air monitoring "stop work" action levels occurs, the frequency of real-time perimeter air monitoring may be increased, including potential continuous monitoring, as determined in the field and with the approval of Arkema.

2.4 ACTION LEVELS, NOTIFICATION AND REPORTING

The real-time TSP, PCBs, total VOC and odor air monitoring action levels for the Site perimeter are presented in Table 1. The action levels are based on short-term exposure criteria from the American Conference of Governmental Industrial Hygienists (ACGIH), National Institute for Occupational Safety and Health (NIOSH), or the Occupational Safety and Health Administration (OSHA).

Since VOCs will not be measured individually in real-time, a conservative short-term criteria of 25 parts per million (ppm) (above background) was selected for total organic compounds based on the constituents detected during excavation area characterization sampling. This criterion was selected based on the lowest exposure criteria of 25 ppm for methylene chloride (Occupational Safety and Health Administration (OSHA) ceiling limit). All other detected organics have higher allowable exposure levels.

The PCB criteria is based on a conversion from the ACGIH 8-hour time-weighted average (TWA) threshold limit value (TLV) of 0.5 mg/m^3 to an 8-hour TWA for sensitive population of (TLV/10 = 0.05 mg/m^3) and conservatively using this TWA as the short-term criteria.

The TSP criteria is based on the OSHA permissible exposure limit (PEL) for particulates not otherwise regulated (total dust) of 15 mg/m^3.

Corrective actions (should real-time readings exceed these criteria when compared to background) are outlined in Section 3.0 of the AAQMP.

There are no quantitative criteria for odors; however, CRA will monitor odors and record their qualitative assessment. If odors become problematic (i.e., in the judgment of CRA or due to odor complaints by nearby property owners), the Engineer will initiate corrective actions (see Section 3.0).

Arkema will be given immediate verbal notification of any operational problems or detected concentrations of airborne contaminants in excess of the action levels. Daily results of the monitoring activities will be documented and transmitted to Arkema (see Section 5.0).

3.0 CORRECTIVE ACTION

Should elevated perimeter monitoring results indicate potential exceedances of the ambient air criteria when compared to background (based on the criteria set forth in Table 1), CRA will confirm the reading with a second meter. If the reading is confirmed, changes will be made to the work until such time that the measured concentrations are below the ambient air criteria. Controls may include modified use of suppressants, placement of polyethylene sheeting or clean fill over freshly excavated areas to ensure that unacceptable levels of dust or contaminants do not migrate off-Site above background. Air monitoring will occur throughout the corrective action period until the concentrations fall below the ambient air criteria. Should the concentrations continuously exceed the ambient air criteria for a period of 10-minutes, Site activities will halt and a decision will then be made to recommence activities only after winds have subsided or when controls are proved successful through monitoring.

If sustained VOC exceedances are identified and corrective actions listed above do not correct the exceedances, compound specific VOC testing for methylene chloride using Draeger tubes may take place. If methylene chloride is not detected, action levels may be raised to 50 ppm (next lowest OSHA PEL for VOC constituents of concern).

Corrective measures will not be necessary if elevated levels are only detected in the work area by the Contractor. Workers in this area will be protected in accordance with their Site-specific Health and Safety Plan. Provisions in the health and safety plan will require that workers use personal protective equipment (PPE) if specific monitoring results indicate that this is necessary.

4.0 CALIBRATION PROCEDURES AND QUALITY CONTROL

This section describes procedures for maintaining the accuracy for all the instruments and measuring equipment, which will be used for conducting field tests. These instruments and equipment will be calibrated prior to each use or on a scheduled, periodic basis.

4.1 FIELD INSTRUMENTS/EQUIPMENT

Instruments and equipment used to gather generate or measure environmental data will be calibrated with sufficient frequency and in such a manner that accuracy and reproducibility of results are consistent with the manufacturer's specification and CRA's Field SOPs.

Equipment to be used during field measurements will be examined to confirm that it is in operating condition. This includes checking the manufacturer's operating manual for each instrument to ensure that all maintenance requirements are being observed. Field notes from previous monitoring trips will be reviewed to ensure that any prior equipment problems are not overlooked, and all necessary repairs to equipment have been completed.

4.2 FIELD INSTRUMENT CALIBRATION

Field equipment will be calibrated, operated, and maintained in a manner consistent with the manufacturer's guidelines and CRA's Field SOPs.

4.3 INTERNAL QUALITY CONTROL CHECKS

Quality control procedures for field measurements will be limited to checking the reproducibility of the measurement in the field by obtaining multiple readings and by calibrating the instruments (where appropriate).

5.0 DATA REDUCTION, VALIDATION, AND REPORTING

All data generated in field activities will be reduced and validated prior to reporting.

5.1 DATA REDUCTION

Field data reduction procedures will be minimal in scope. If errors are made, results will be legibly crossed out, initialed by the field sampler and corrected in a space adjacent to the original (erroneous) entry. Data transcribed from the log into summary tables for reporting purposes will be verified for correctness by the CRA technician.

5.2 DATA VALIDATION

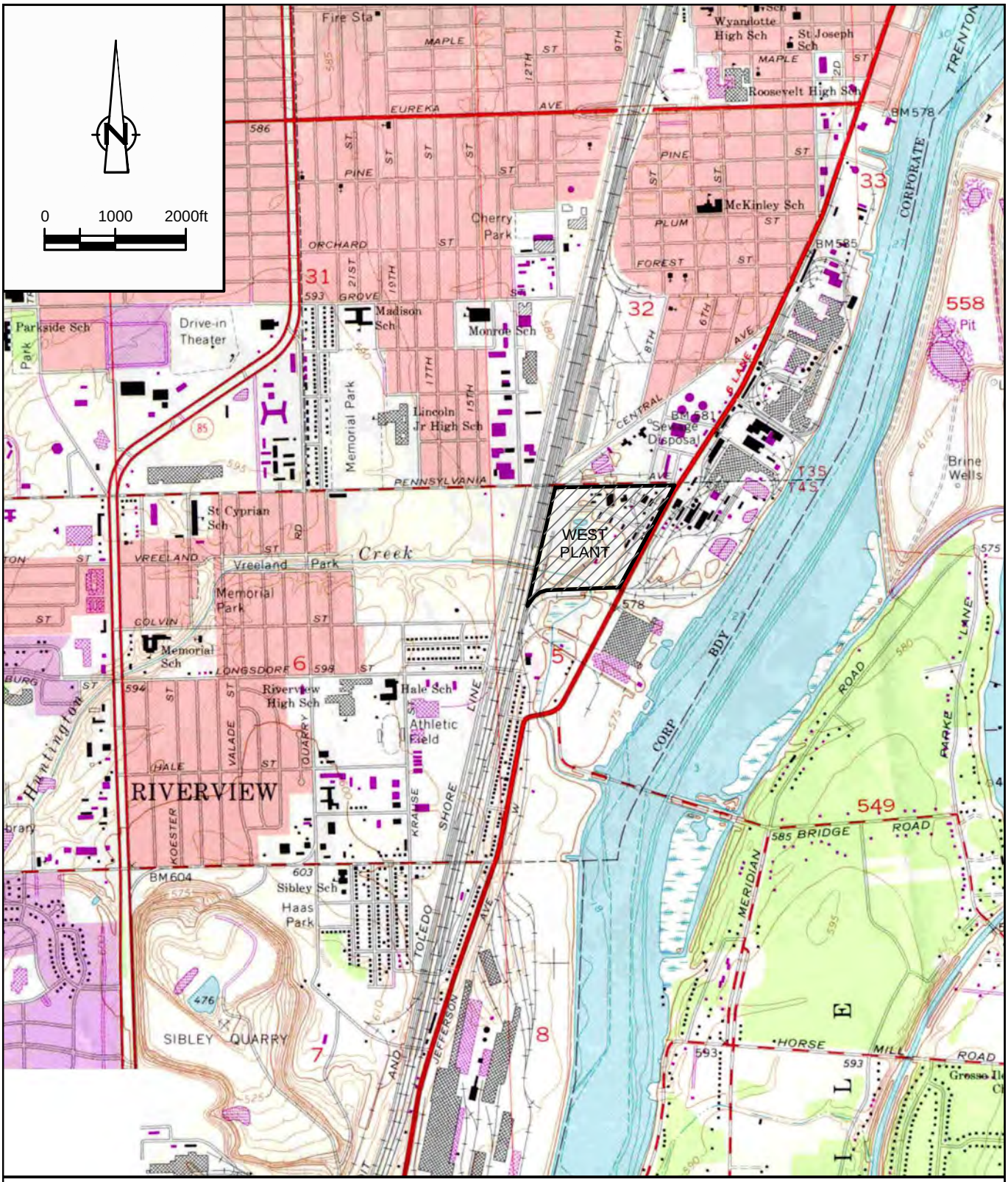
Procedures to evaluate field data for this project primarily consist of checking for transcription errors and review of field logbooks. This task will be the responsibility of the CRA technician.

5.3 DATA DOCUMENTATION AND REPORTING

An air monitoring field logbook will be used to document activities. The logbook will be a bound document with consecutively numbered pages. Information for each day will begin on a new page upon which the date will be recorded. All entries will be made using waterproof ink. The following information will be recorded in the field logbook for each sample collected:

i) Site location identification
ii) Date and time (interval) of monitoring interval
iii) Weather conditions during the monitoring interval, including temperature and wind direction
iv) real time monitoring results
v) any other relevant remarks
vi) name of monitoring technician

Field data will be reported within technical reports and documents, as necessary, during and upon completion of the project.



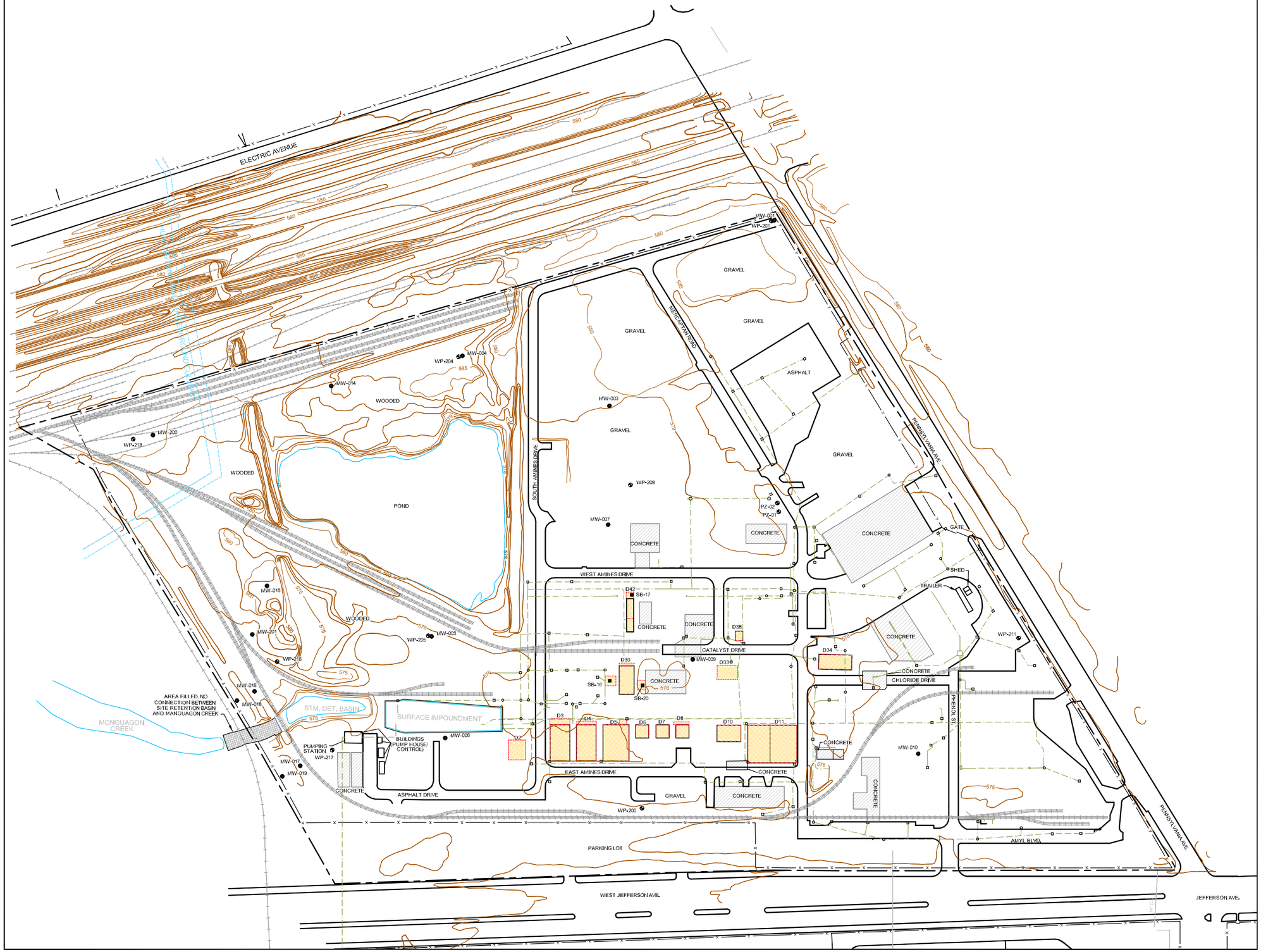
SOURCE: USGS QUADRANGLE MAP;
WYANDOTTE, MICHIGAN-ONTARIO

figure 1

SITE LOCATION
ARKEMA INC.
Riverview, Michigan

RIVERVIEW

032427-07(008)GN-DE001 OCT 18/2010



NO	Revision	Date	Initial

0 50 100ft

LEGEND

- PROPERTY BOUNDARY
- FENCE LINE
- CATCH BASINS
- MANHOLES
- EXCAVATION AREAS
- EXISTING BUILDINGS
- PONDS
- RAILROAD
- STORM SEWER LINES
- 580 CONTOURS (NAVD 88)
- MW-007 MONITORING WELL LOCATIONS
- WP-208 PIEZOMETER LOCATIONS
- SB-16 SOIL BORING LOCATIONS

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

SITE PLAN

RIVERVIEW, MICHIGAN

ARKEMA, INC. - WEST PLANT

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
P.S.	J.V.	OCTOBER 2010	
Scale: 1:100	Project N°: 032427-08	Report N°: ZING001	Drawing N°: 2

032427-08(ZING001)GN-DE002 NOV 18/2010

TABLE 1

REAL-TIME AIR MONITORING ACTION LEVELS AT SITE PERIMETER
PERIMETER AIR MONITORING PROGRAM
ARKEMA WEST PLANT PCB REMEDIATION
RIVERVIEW, MICHIGAN

Action Levels *	Response
Organic Vapors over 25 ppm	Confirm with second meter if feasible. If confirmed, determine source of emissions, and take corrective actions, as necessary. If concentrations exceed ambient air criteria continuously for a 10-minute period, "stop work" will be implemented until effective controls are implemented and documented as such based on monitoring.
TSP over 15 mg/m^3	Confirm with second meter if feasible. If confirmed, determine source of emissions, and take corrective actions, as necessary. If concentrations exceed ambient air criteria continuously for a 10-minute period, "stop work" will be implemented until effective controls are implemented and documented as such based on monitoring.
PCB over 0.05 mg/m^3 **	Confirm with second meter if feasible. If confirmed, determine source of emissions, and take corrective actions, as necessary. If concentrations exceed ambient air criteria continuously for a 10-minute period, "stop work" will be implemented until effective controls are implemented and documented as such based on monitoring.
Odors, determined by CRA	Attempt to determine source of odors, and take corrective actions, as necessary. If odors are determined to be objectionable (present an unacceptable nuisance) for a continuous 10-minute period, "stop work" will be implemented until effective controls are implemented and objectionable odors at the Site boundary are eliminated.

Notes:
*Assumes exceedances of the identified criteria above background continuously over 1 minute.
** PCB concentrations will be estimated based on identified TSP conc. x highest concentration of PCBs detected in the area being remediated. Based on the maximum PCB concentration identified in each area, the PCB ambient air criteria cannot be exceeded if the TSP concentration does not exceed 15 mg/m^3. Therefore, the TSP action level of 15 mg/m^3 is the driver for TSP & PCB air monitoring.

TSP – Total Suspended Particulates
PCB – Polychlorinated biphenyls
ppm – parts per million
mg/m^3 – milligram per cubic meter

TSP Perimeter Air Monitoring results – Unit 1

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
1	20.8	3	54	748	09:59:41	10-Nov-2011
2	20.18	3	59	748	10:04:41	10-Nov-2011
3	20.25	3.1	59	748	10:09:41	10-Nov-2011
4	20.53	3.1	60	748	10:14:41	10-Nov-2011
5	20.55	3.1	60	748	10:19:41	10-Nov-2011
6	21.26	3.1	60	748	10:24:41	10-Nov-2011
7	22.13	3.1	60	748	10:29:41	10-Nov-2011
8	21.94	3.1	60	748	10:34:41	10-Nov-2011
9	21.5	3.1	60	748	10:39:41	10-Nov-2011
10	21.35	3.2	60	748	10:44:41	10-Nov-2011
11	22.45	3.2	60	748	10:49:41	10-Nov-2011
12	23.09	3.2	60	748	10:54:41	10-Nov-2011
13	24.38	3.2	60	748	10:59:41	10-Nov-2011
14	24.48	3.2	60	748	11:04:41	10-Nov-2011
15	25.02	3.2	60	748	11:09:41	10-Nov-2011
16	25.94	3.2	59	748	11:14:41	10-Nov-2011
17	26.19	3.2	59	748	11:19:41	10-Nov-2011
18	25.34	3.1	60	748	11:24:41	10-Nov-2011
19	25.04	3.1	60	748	11:29:41	10-Nov-2011
20	26.95	3.1	58	748	11:34:41	10-Nov-2011
21	26.41	3.1	58	748	11:39:41	10-Nov-2011
22	26.75	3.1	59	748	11:44:41	10-Nov-2011
23	26.31	3.1	58	748	11:49:41	10-Nov-2011
24	25.34	3.1	57	748	11:54:41	10-Nov-2011
25	24.19	3.1	56	748	11:59:41	10-Nov-2011
26	22.91	3	56	748	12:04:41	10-Nov-2011
27	21.58	3	55	746	12:09:41	10-Nov-2011
28	22.45	3.1	55	746	12:14:41	10-Nov-2011
29	20.06	3.1	53	746	12:19:41	10-Nov-2011
30	20.13	3	51	746	12:24:41	10-Nov-2011
31	20.07	3	51	746	12:29:41	10-Nov-2011
32	19.89	3.1	52	746	12:34:41	10-Nov-2011
33	20.72	3.1	51	746	12:39:41	10-Nov-2011
34	19.73	3.2	51	746	12:44:41	10-Nov-2011
35	19.76	3.3	48	746	12:49:41	10-Nov-2011
36	21.47	3.3	47	746	12:54:41	10-Nov-2011
37	24.61	3.2	48	746	12:59:41	10-Nov-2011
38	29.06	3.2	48	746	13:04:41	10-Nov-2011
39	30.67	3.2	47	746	13:09:41	10-Nov-2011
40	24.89	3.2	47	746	13:14:41	10-Nov-2011
41	26.46	3.3	48	746	13:19:41	10-Nov-2011
42	19.07	3.4	47	746	13:24:41	10-Nov-2011
43	17.7	3.5	47	746	13:29:41	10-Nov-2011
44	18.06	3.5	46	746	13:34:41	10-Nov-2011
45	17.57	3.6	47	746	13:39:41	10-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
46	15.25	3.8	46	746	13:44:41	10-Nov-2011
47	15.07	3.9	46	746	13:49:41	10-Nov-2011
48	14.44	3.9	44	746	13:54:41	10-Nov-2011
49	13.81	4	44	746	13:59:41	10-Nov-2011
50	24.06	4.1	44	746	14:04:41	10-Nov-2011
51	18.48	4.2	43	746	14:09:41	10-Nov-2011
52	14.46	4.2	42	746	14:14:41	10-Nov-2011
53	11.88	4.4	41	746	14:19:41	10-Nov-2011
54	11.69	4.6	40	746	14:24:41	10-Nov-2011
55	11.1	4.7	40	746	14:29:41	10-Nov-2011
56	11.16	4.8	39	746	14:34:41	10-Nov-2011
57	12.07	4.9	39	746	14:39:41	10-Nov-2011
58	17.89	4.9	38	746	14:44:41	10-Nov-2011
59	35.22	4.8	38	746	14:49:41	10-Nov-2011
60	17.33	4.7	37	746	14:54:41	10-Nov-2011
61	11.92	4.7	37	746	14:59:41	10-Nov-2011
62	10.51	4.7	37	746	15:04:41	10-Nov-2011
63	9.62	4.7	37	746	15:09:41	10-Nov-2011
1	5.56	16.3	29	748	07:40:25	11-Nov-2011
2	5.9	14.9	27	748	07:45:25	11-Nov-2011
3	6.4	13.6	29	748	07:50:25	11-Nov-2011
4	6.5	12.4	31	748	07:55:25	11-Nov-2011
5	6.54	11.2	33	748	08:00:25	11-Nov-2011
6	7.09	10.1	35	748	08:05:25	11-Nov-2011
7	7.09	9	37	748	08:10:25	11-Nov-2011
8	8.87	8.1	40	748	08:15:25	11-Nov-2011
9	8.12	7.3	42	748	08:20:25	11-Nov-2011
10	12.38	6.6	44	748	08:25:25	11-Nov-2011
11	10.7	6	46	748	08:30:25	11-Nov-2011
12	9.1	5.4	48	748	08:35:25	11-Nov-2011
13	7.68	4.7	50	748	08:40:25	11-Nov-2011
14	7.82	4.2	51	748	08:45:25	11-Nov-2011
15	7.69	3.8	53	748	08:50:25	11-Nov-2011
16	7.4	3.4	55	748	08:55:25	11-Nov-2011
17	9.78	3.1	56	748	09:00:25	11-Nov-2011
18	7.32	2.8	58	748	09:05:25	11-Nov-2011
19	7.18	2.6	59	748	09:10:25	11-Nov-2011
20	7.01	2.5	60	748	09:15:25	11-Nov-2011
21	7.26	2.4	60	748	09:20:25	11-Nov-2011
22	6.89	2.3	60	748	09:25:25	11-Nov-2011
23	6.61	2.2	60	748	09:30:25	11-Nov-2011
24	6.57	2.1	62	748	09:35:25	11-Nov-2011
25	6.53	2	62	748	09:40:25	11-Nov-2011
26	6.58	1.9	62	748	09:45:25	11-Nov-2011
27	6.79	1.9	63	748	09:50:25	11-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
28	6.68	1.9	62	748	09:55:25	11-Nov-2011
29	6.62	1.9	62	748	10:00:25	11-Nov-2011
30	6.6	1.9	63	748	10:05:25	11-Nov-2011
31	7.03	1.9	62	748	10:10:25	11-Nov-2011
32	7.21	2	62	748	10:15:25	11-Nov-2011
33	8.37	2	61	748	10:20:25	11-Nov-2011
34	6.82	2	62	748	10:25:25	11-Nov-2011
35	6.94	2	61	748	10:30:25	11-Nov-2011
36	6.65	2	61	748	10:35:25	11-Nov-2011
37	6.44	2	60	748	10:40:25	11-Nov-2011
38	6.45	2	61	748	10:45:25	11-Nov-2011
39	6.66	2.1	60	748	10:50:25	11-Nov-2011
40	7.05	2.1	59	748	10:55:25	11-Nov-2011
41	7.2	2.2	58	748	11:00:25	11-Nov-2011
42	7.02	2.2	58	748	11:05:25	11-Nov-2011
43	6.97	2.2	58	748	11:10:25	11-Nov-2011
44	7.08	2.3	57	748	11:15:25	11-Nov-2011
45	7.17	2.3	58	748	11:20:25	11-Nov-2011
46	8.34	2.3	56	748	11:25:25	11-Nov-2011
47	8.07	2.3	55	748	11:30:25	11-Nov-2011
48	7.15	2.3	54	748	11:35:25	11-Nov-2011
49	7.17	2.3	54	748	11:40:25	11-Nov-2011
50	7.93	2.3	54	748	11:45:25	11-Nov-2011
51	8.72	2.4	52	748	11:50:25	11-Nov-2011
52	8.36	2.5	51	748	11:55:25	11-Nov-2011
53	7.57	2.5	51	748	12:00:25	11-Nov-2011
54	8.12	2.6	50	748	12:05:25	11-Nov-2011
55	8.66	2.7	50	748	12:10:25	11-Nov-2011
56	7.04	2.7	50	748	12:15:25	11-Nov-2011
57	6.78	2.8	50	748	12:20:25	11-Nov-2011
58	6.83	2.8	50	748	12:25:25	11-Nov-2011
59	6.71	2.9	50	748	12:30:25	11-Nov-2011
60	7.46	3	48	748	12:35:25	11-Nov-2011
61	7.4	3.1	48	748	12:40:25	11-Nov-2011
62	6.9	3.1	48	748	12:45:25	11-Nov-2011
63	7.16	3	48	748	12:50:25	11-Nov-2011
64	7.4	3	50	748	12:55:25	11-Nov-2011
65	7.62	3	50	748	13:00:25	11-Nov-2011
66	7.55	3	48	748	13:05:25	11-Nov-2011
67	7.9	3	49	748	13:10:25	11-Nov-2011
68	7.7	3	48	748	13:15:25	11-Nov-2011
69	7.37	3	46	748	13:20:25	11-Nov-2011
70	7.45	3	46	748	13:25:25	11-Nov-2011
71	8.14	3	46	748	13:30:25	11-Nov-2011
72	7.35	3	45	748	13:35:25	11-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
73	7.61	3	45	748	13:40:25	11-Nov-2011
74	8.35	3	47	748	13:45:25	11-Nov-2011
75	9.69	3.1	49	748	13:50:25	11-Nov-2011
76	10.16	3.1	50	748	13:55:25	11-Nov-2011
77	11.03	3	51	748	14:00:25	11-Nov-2011
78	11.36	3	52	748	14:05:25	11-Nov-2011
79	11.33	3	52	748	14:10:25	11-Nov-2011
80	11.04	2.9	52	748	14:15:25	11-Nov-2011
81	10.85	2.9	52	748	14:20:25	11-Nov-2011
82	10.27	2.9	52	748	14:25:25	11-Nov-2011
83	11.92	2.9	51	748	14:30:25	11-Nov-2011
84	10.11	2.9	51	748	14:35:25	11-Nov-2011
85	10.79	2.9	50	748	14:40:25	11-Nov-2011
86	9.4	2.8	50	748	14:45:25	11-Nov-2011
87	9.6	2.8	50	748	14:50:25	11-Nov-2011
88	12.67	2.8	50	748	14:55:25	11-Nov-2011
89	10.13	2.9	50	748	15:00:25	11-Nov-2011
90	9.92	2.9	49	748	15:05:25	11-Nov-2011
91	9.88	2.9	48	748	15:10:25	11-Nov-2011
1	4.33	20.8	28	742	07:50:58	14-Nov-2011
2	8.42	19.9	25	742	07:55:58	14-Nov-2011
3	5.58	19.1	25	742	08:00:58	14-Nov-2011
4	5.96	18.3	26	742	08:05:58	14-Nov-2011
5	5.47	17.6	27	742	08:10:58	14-Nov-2011
6	5.76	16.9	28	742	08:15:58	14-Nov-2011
7	4.88	16.3	29	742	08:20:58	14-Nov-2011
8	4.66	15.8	30	742	08:25:58	14-Nov-2011
9	4.96	15.2	31	742	08:30:58	14-Nov-2011
10	4.89	14.8	32	742	08:35:58	14-Nov-2011
11	5.63	14.4	32	742	08:40:58	14-Nov-2011
12	9.69	14	33	742	08:45:58	14-Nov-2011
13	15.51	13.7	34	742	08:50:58	14-Nov-2011
14	13.92	13.4	35	742	08:55:58	14-Nov-2011
15	14.48	13.1	36	742	09:00:58	14-Nov-2011
16	16.07	12.9	38	742	09:05:58	14-Nov-2011
17	11.05	12.7	40	742	09:10:58	14-Nov-2011
1	15.44	18.3	36	744	07:26:43	15-Nov-2011
2	16.44	17.9	35	744	07:31:43	15-Nov-2011
3	19.29	17.4	36	744	07:36:43	15-Nov-2011
4	21.15	16.7	37	744	07:41:43	15-Nov-2011
5	22.08	15.9	39	744	07:46:43	15-Nov-2011
6	20.8	15.2	40	744	07:51:43	15-Nov-2011
7	19.35	14.4	42	744	07:56:43	15-Nov-2011
8	22.4	13.6	43	744	08:01:43	15-Nov-2011
9	26.59	12.8	45	744	08:06:43	15-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
10	22.63	12.1	46	744	08:11:43	15-Nov-2011
11	23.61	11.5	49	746	08:16:43	15-Nov-2011
12	24.23	10.9	51	746	08:21:43	15-Nov-2011
13	23.79	10.3	53	746	08:26:43	15-Nov-2011
14	23.18	9.8	55	746	08:31:43	15-Nov-2011
15	25.84	9.3	57	746	08:36:43	15-Nov-2011
16	41.25	8.9	59	746	08:41:43	15-Nov-2011
17	38.33	8.6	62	746	08:46:43	15-Nov-2011
18	29.04	8.3	63	746	08:51:43	15-Nov-2011
19	34.48	8	65	746	08:56:43	15-Nov-2011
20	33.65	7.8	67	746	09:01:43	15-Nov-2011
21	31.84	7.6	69	746	09:06:43	15-Nov-2011
22	29.25	7.4	70	746	09:11:43	15-Nov-2011
23	28.97	7.2	71	746	09:16:43	15-Nov-2011
24	28.1	7.1	72	746	09:21:43	15-Nov-2011
25	27.87	7	73	746	09:26:43	15-Nov-2011
26	28.65	6.9	74	746	09:31:43	15-Nov-2011
27	29.17	6.8	75	746	09:36:43	15-Nov-2011
28	30	6.7	75	746	09:41:43	15-Nov-2011
29	29.93	6.7	75	746	09:46:43	15-Nov-2011
30	29.38	6.6	74	746	09:51:43	15-Nov-2011
31	27.64	6.6	72	746	09:56:43	15-Nov-2011
32	27.32	6.6	72	746	10:01:43	15-Nov-2011
33	26.5	6.6	73	746	10:06:43	15-Nov-2011
34	26.07	6.6	73	746	10:11:43	15-Nov-2011
35	27.04	6.6	73	746	10:16:43	15-Nov-2011
36	26.01	6.7	73	746	10:21:43	15-Nov-2011
37	25.55	6.7	71	746	10:26:43	15-Nov-2011
38	25.47	6.8	70	746	10:31:43	15-Nov-2011
39	25.52	6.9	70	746	10:36:43	15-Nov-2011
40	25.34	6.9	70	746	10:41:43	15-Nov-2011
41	25.3	7	71	746	10:46:43	15-Nov-2011
42	25.14	7.1	72	746	10:51:43	15-Nov-2011
43	25.91	7.2	71	746	10:56:43	15-Nov-2011
44	24.98	7.3	70	746	11:01:43	15-Nov-2011
45	23.16	7.4	71	746	11:06:43	15-Nov-2011
46	21.58	7.5	71	746	11:11:43	15-Nov-2011
47	20.64	7.5	71	746	11:16:43	15-Nov-2011
48	20.56	7.6	70	746	11:21:43	15-Nov-2011
49	19.96	7.7	69	746	11:26:43	15-Nov-2011
50	20.39	7.8	69	746	11:31:43	15-Nov-2011
51	20.53	8	69	746	11:36:43	15-Nov-2011
52	20.17	8.1	69	746	11:41:43	15-Nov-2011
53	20.72	8.2	68	746	11:46:43	15-Nov-2011
54	20.73	8.3	66	746	11:51:43	15-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
55	20.02	8.4	65	744	11:56:43	15-Nov-2011
56	20.01	8.6	65	744	12:01:43	15-Nov-2011
57	21.51	8.6	64	744	12:06:43	15-Nov-2011
58	21.82	8.7	64	744	12:11:43	15-Nov-2011
59	22	8.8	63	744	12:16:43	15-Nov-2011
60	22.51	8.9	62	744	12:21:43	15-Nov-2011
61	22.03	8.9	62	744	12:26:43	15-Nov-2011
62	22.49	9	62	744	12:31:43	15-Nov-2011
63	22.48	9.1	61	744	12:36:43	15-Nov-2011
64	22.66	9.2	60	744	12:41:43	15-Nov-2011
65	22.15	9.3	60	744	12:46:43	15-Nov-2011
66	23.44	9.4	60	744	12:51:43	15-Nov-2011
67	23.2	9.5	61	744	12:56:43	15-Nov-2011
68	23.01	9.5	60	744	13:01:43	15-Nov-2011
69	23.81	9.6	60	744	13:06:43	15-Nov-2011
70	25.21	9.7	59	744	13:11:43	15-Nov-2011
71	25.41	9.8	58	744	13:16:43	15-Nov-2011
72	24.24	9.8	58	744	13:21:43	15-Nov-2011
73	24.29	9.9	57	744	13:26:43	15-Nov-2011
74	22.33	9.9	58	744	13:31:43	15-Nov-2011
75	23.02	10	58	744	13:36:43	15-Nov-2011
76	24.76	10.1	58	744	13:41:43	15-Nov-2011
77	22.99	10.2	59	744	13:46:43	15-Nov-2011
78	22.97	10.2	60	744	13:51:43	15-Nov-2011
79	22.42	10.3	60	744	13:56:43	15-Nov-2011
80	23.69	10.5	61	744	14:01:43	15-Nov-2011
81	23.89	10.7	61	744	14:06:43	15-Nov-2011
82	25.14	10.8	62	744	14:11:43	15-Nov-2011
83	25.75	11	62	744	14:16:43	15-Nov-2011
84	27.01	11.2	63	744	14:21:43	15-Nov-2011
85	26.16	11.3	63	744	14:26:43	15-Nov-2011
86	25.51	11.4	62	744	14:31:43	15-Nov-2011
87	26.8	11.5	63	744	14:36:43	15-Nov-2011
88	28.29	11.6	63	744	14:41:43	15-Nov-2011
89	29.03	11.6	64	744	14:46:43	15-Nov-2011
90	29.28	11.6	64	744	14:51:43	15-Nov-2011
91	28.77	11.6	64	744	14:56:43	15-Nov-2011
92	29.19	11.6	65	744	15:01:43	15-Nov-2011
1	17.72	17.4	40	744	07:50:48	16-Nov-2011
2	17.68	16.6	37	746	07:55:48	16-Nov-2011
3	18.15	15.7	38	746	08:00:48	16-Nov-2011
4	18.7	14.9	39	746	08:05:48	16-Nov-2011
5	17.37	14.1	40	746	08:10:48	16-Nov-2011
6	17.46	13.4	41	746	08:15:48	16-Nov-2011
7	17.17	12.8	42	746	08:20:48	16-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
8	15.85	12.2	43	746	08:25:48	16-Nov-2011
9	15.34	11.6	44	746	08:30:48	16-Nov-2011
10	17.04	11.1	44	746	08:35:48	16-Nov-2011
11	15.17	10.7	45	746	08:40:48	16-Nov-2011
12	18.74	10.3	47	746	08:45:48	16-Nov-2011
13	14.44	9.9	47	746	08:50:48	16-Nov-2011
14	15.89	9.6	47	746	08:55:48	16-Nov-2011
15	14.32	9.2	47	746	09:00:48	16-Nov-2011
16	12.22	9	48	746	09:05:48	16-Nov-2011
17	10.69	8.7	48	746	09:10:48	16-Nov-2011
18	10.09	8.4	47	746	09:15:48	16-Nov-2011
19	12.47	8.2	48	746	09:20:48	16-Nov-2011
20	10.12	8	48	746	09:25:48	16-Nov-2011
21	10.78	7.8	49	746	09:30:48	16-Nov-2011
22	11.23	7.7	48	746	09:35:48	16-Nov-2011
23	9.31	7.5	48	746	09:40:48	16-Nov-2011
24	9.37	7.4	49	746	09:45:48	16-Nov-2011
25	9.07	7.2	50	746	09:50:48	16-Nov-2011
26	9.07	7.1	50	746	09:55:48	16-Nov-2011
27	8.92	7	51	748	10:00:48	16-Nov-2011
28	9.36	6.9	51	746	10:05:48	16-Nov-2011
29	8.24	6.8	51	748	10:10:48	16-Nov-2011
30	8.6	6.7	51	748	10:15:48	16-Nov-2011
31	8.17	6.6	50	748	10:20:48	16-Nov-2011
32	11.97	6.6	49	748	10:25:48	16-Nov-2011
33	7.89	6.5	49	748	10:30:48	16-Nov-2011
34	7.58	6.5	48	748	10:35:48	16-Nov-2011
35	9.55	6.4	48	748	10:40:48	16-Nov-2011
36	12.17	6.4	47	748	10:45:48	16-Nov-2011
37	10.88	6.3	47	748	10:50:48	16-Nov-2011
38	9.73	6.3	47	748	10:55:48	16-Nov-2011
39	5.56	6.2	45	748	11:00:48	16-Nov-2011
40	15.39	6.1	43	748	11:05:48	16-Nov-2011
41	7.77	6.1	42	748	11:10:48	16-Nov-2011
42	11.95	6	41	748	11:15:48	16-Nov-2011
43	18.1	6	40	748	11:20:48	16-Nov-2011
44	18.55	5.9	40	748	11:25:48	16-Nov-2011
45	15.37	5.9	41	748	11:30:48	16-Nov-2011
46	6.78	5.9	42	748	11:35:48	16-Nov-2011
47	7.4	5.8	42	748	11:40:48	16-Nov-2011
48	6.69	5.8	42	748	11:45:48	16-Nov-2011
49	9.44	5.8	43	748	11:50:48	16-Nov-2011
50	5.7	5.8	43	748	11:55:48	16-Nov-2011
51	6.96	5.8	43	748	12:00:48	16-Nov-2011
52	6.28	5.9	42	748	12:05:48	16-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
53	6.1	5.9	42	748	12:10:48	16-Nov-2011
54	8.25	5.9	41	748	12:15:48	16-Nov-2011
55	4.3	5.9	38	748	12:20:48	16-Nov-2011
56	3.77	6	37	746	12:25:48	16-Nov-2011
57	3.82	6	36	746	12:30:48	16-Nov-2011
58	3.99	6.1	36	746	12:35:48	16-Nov-2011
59	3.43	6.1	34	746	12:40:48	16-Nov-2011
60	3.28	6.1	33	746	12:45:48	16-Nov-2011
61	5.69	6.2	32	746	12:50:48	16-Nov-2011
62	3.02	6.2	31	746	12:55:48	16-Nov-2011
63	5.4	6.2	30	746	13:00:48	16-Nov-2011
64	5.16	6.2	29	746	13:05:48	16-Nov-2011
65	3.05	6.3	30	746	13:10:48	16-Nov-2011
66	4.6	6.3	31	746	13:15:48	16-Nov-2011
67	6.74	6.3	31	746	13:20:48	16-Nov-2011
68	3.83	6.4	32	746	13:25:48	16-Nov-2011
69	6.24	6.4	33	746	13:30:48	16-Nov-2011
70	5.51	6.4	32	746	13:35:48	16-Nov-2011
71	4.12	6.4	30	746	13:40:48	16-Nov-2011
72	7.09	6.4	30	746	13:45:48	16-Nov-2011
73	3.21	6.4	29	746	13:50:48	16-Nov-2011
74	2.79	6.4	28	746	13:55:48	16-Nov-2011
75	6.27	6.5	28	746	14:00:48	16-Nov-2011
76	2.91	6.5	28	746	14:05:48	16-Nov-2011
77	7.25	6.5	29	746	14:10:48	16-Nov-2011
78	7.98	6.6	28	746	14:15:48	16-Nov-2011
79	3.31	6.6	29	746	14:20:48	16-Nov-2011
80	3.02	6.6	29	746	14:25:48	16-Nov-2011
81	10.03	6.6	29	746	14:30:48	16-Nov-2011
82	4.17	6.6	30	748	14:35:48	16-Nov-2011
83	4.06	6.6	30	748	14:40:48	16-Nov-2011
84	5.36	6.6	31	748	14:45:48	16-Nov-2011
85	3.62	6.6	30	748	14:50:48	16-Nov-2011
86	8.49	6.7	31	748	14:55:48	16-Nov-2011
87	3.71	6.8	30	748	15:00:48	16-Nov-2011
1	8.01	15.7	23	746	07:59:17	17-Nov-2011
2	13.77	14.7	20	750	08:04:17	17-Nov-2011
3	17.88	13.2	21	750	08:09:17	17-Nov-2011
4	19.64	11.8	22	750	08:14:17	17-Nov-2011
5	24.64	10.5	24	750	08:19:17	17-Nov-2011
6	10.67	9.3	26	750	08:24:17	17-Nov-2011
7	12.66	8.2	27	750	08:29:17	17-Nov-2011
8	34.24	7.2	29	750	08:34:17	17-Nov-2011
9	32.25	6.4	30	750	08:39:17	17-Nov-2011
10	21.49	5.6	32	750	08:44:17	17-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
11	28.18	4.9	33	750	08:49:17	17-Nov-2011
12	43.33	4.3	35	750	08:54:17	17-Nov-2011
13	33.25	3.8	36	750	08:59:17	17-Nov-2011
14	25.36	3.3	37	750	09:04:17	17-Nov-2011
15	17.02	2.9	38	750	09:09:17	17-Nov-2011
16	13.51	2.5	39	750	09:14:17	17-Nov-2011
17	21.34	2.2	39	750	09:19:17	17-Nov-2011
18	19.47	2	40	750	09:24:17	17-Nov-2011
19	10.11	1.7	40	750	09:29:17	17-Nov-2011
20	7.85	1.5	41	750	09:34:17	17-Nov-2011
21	8.71	1.3	41	750	09:39:17	17-Nov-2011
22	8.96	1.2	40	750	09:44:17	17-Nov-2011
23	8.61	1.1	40	750	09:49:17	17-Nov-2011
24	14.32	1	40	750	09:54:17	17-Nov-2011
25	8.79	0.9	40	750	09:59:17	17-Nov-2011
26	10.25	0.9	40	750	10:04:17	17-Nov-2011
27	9.23	0.8	40	750	10:09:17	17-Nov-2011
28	7.9	0.7	40	750	10:14:17	17-Nov-2011
29	6.59	0.7	41	750	10:19:17	17-Nov-2011
30	8.31	0.6	41	750	10:24:17	17-Nov-2011
31	8.67	0.6	41	750	10:29:17	17-Nov-2011
32	9.28	0.6	41	750	10:34:17	17-Nov-2011
33	17.09	0.6	40	750	10:39:17	17-Nov-2011
34	14.61	0.6	41	750	10:44:17	17-Nov-2011
35	14.49	0.6	40	750	10:49:17	17-Nov-2011
36	12.12	0.7	40	750	10:54:17	17-Nov-2011
37	8.58	0.7	40	750	10:59:17	17-Nov-2011
38	15.29	0.8	40	750	11:04:17	17-Nov-2011
39	13.4	0.8	38	750	11:09:17	17-Nov-2011
40	9.2	0.8	38	750	11:14:17	17-Nov-2011
41	22.88	0.7	37	750	11:19:17	17-Nov-2011
42	24.71	0.7	37	750	11:24:17	17-Nov-2011
43	12.5	0.7	39	750	11:29:17	17-Nov-2011
44	8.14	0.7	39	750	11:34:17	17-Nov-2011
45	39.68	0.8	38	750	11:39:17	17-Nov-2011
46	17.53	0.9	36	750	11:44:17	17-Nov-2011
47	14.51	0.9	36	750	11:49:17	17-Nov-2011
48	8.18	0.9	37	750	11:54:17	17-Nov-2011
49	9.23	0.9	38	750	11:59:17	17-Nov-2011
50	8.1	0.8	38	750	12:04:17	17-Nov-2011
51	23.53	0.7	36	750	12:09:17	17-Nov-2011
52	8.31	0.6	36	750	12:14:17	17-Nov-2011
53	9.26	0.6	37	750	12:19:17	17-Nov-2011
54	7.32	0.5	37	750	12:24:17	17-Nov-2011
55	8.3	0.5	36	750	12:29:17	17-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
56	10.64	0.4	36	750	12:34:17	17-Nov-2011
57	24.47	0.4	37	750	12:39:17	17-Nov-2011
58	24.26	0.4	38	750	12:44:17	17-Nov-2011
59	24.64	0.4	38	750	12:49:17	17-Nov-2011
60	21.56	0.4	37	750	12:54:17	17-Nov-2011
61	20.87	0.3	36	750	12:59:17	17-Nov-2011
62	20.72	0.3	37	750	13:04:17	17-Nov-2011
63	19	0.2	36	750	13:09:17	17-Nov-2011
64	10.51	0.1	35	750	13:14:17	17-Nov-2011
65	14.58	0.1	36	750	13:19:17	17-Nov-2011
66	16.38	0	37	750	13:24:17	17-Nov-2011
67	22.19	0	38	750	13:29:17	17-Nov-2011
68	11.1	0	39	750	13:34:17	17-Nov-2011
69	20.37	0	40	750	13:39:17	17-Nov-2011
70	15.02	-0.1	40	750	13:44:17	17-Nov-2011
71	10.91	-0.2	41	750	13:49:17	17-Nov-2011
72	8.59	-0.2	42	750	13:54:17	17-Nov-2011
73	13.99	-0.3	42	750	13:59:17	17-Nov-2011
74	11.81	-0.3	42	750	14:04:17	17-Nov-2011
75	8.61	-0.3	40	750	14:09:17	17-Nov-2011
76	8.88	-0.3	39	750	14:14:17	17-Nov-2011
77	14.46	-0.2	38	750	14:19:17	17-Nov-2011
78	11.14	-0.2	39	750	14:24:17	17-Nov-2011
79	11.27	-0.2	38	750	14:29:17	17-Nov-2011
80	10.76	-0.2	38	750	14:34:17	17-Nov-2011
1	8.5	16.5	21	756	07:46:38	18-Nov-2011
2	13.21	14.4	16	756	07:51:38	18-Nov-2011
3	13.59	12.6	17	756	07:56:38	18-Nov-2011
4	12.64	11.1	18	756	08:01:38	18-Nov-2011
5	9.45	9.8	20	756	08:06:38	18-Nov-2011
6	10.37	8.7	22	756	08:11:38	18-Nov-2011
7	9.61	7.6	23	756	08:16:38	18-Nov-2011
8	10.65	6.7	25	756	08:21:38	18-Nov-2011
9	10.77	5.9	27	756	08:26:38	18-Nov-2011
10	13.72	5.2	29	756	08:31:38	18-Nov-2011
11	12.5	4.6	30	756	08:36:38	18-Nov-2011
12	12.64	4	31	756	08:41:38	18-Nov-2011
13	11.83	3.5	32	756	08:46:38	18-Nov-2011
14	12.91	3	32	756	08:51:38	18-Nov-2011
15	12.63	2.6	33	756	08:56:38	18-Nov-2011
16	12.38	2.3	33	756	09:01:38	18-Nov-2011
17	11.34	2	33	756	09:06:38	18-Nov-2011
18	12.01	1.7	33	756	09:11:38	18-Nov-2011
19	9.34	1.5	33	756	09:16:38	18-Nov-2011
20	9.01	1.4	33	756	09:21:38	18-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
21	8.9	1.2	33	756	09:26:38	18-Nov-2011
22	8.74	1.1	33	756	09:31:38	18-Nov-2011
23	9.06	1	34	756	09:36:38	18-Nov-2011
24	8.4	0.8	34	756	09:41:38	18-Nov-2011
25	8.02	0.8	34	756	09:46:38	18-Nov-2011
26	8.03	0.7	34	756	09:51:38	18-Nov-2011
27	7.9	0.6	35	756	09:56:38	18-Nov-2011
28	8.34	0.6	35	756	10:01:38	18-Nov-2011
29	10.15	0.6	35	756	10:06:38	18-Nov-2011
30	7.83	0.6	35	756	10:11:38	18-Nov-2011
31	7.94	0.6	35	756	10:16:38	18-Nov-2011
32	7.74	0.7	35	756	10:21:38	18-Nov-2011
33	8.19	0.7	35	756	10:26:38	18-Nov-2011
34	8.16	0.8	35	756	10:31:38	18-Nov-2011
35	7.46	0.8	35	756	10:36:38	18-Nov-2011
36	7.4	0.9	35	756	10:41:38	18-Nov-2011
37	7.65	1	34	756	10:46:38	18-Nov-2011
38	12.35	1.1	33	756	10:51:38	18-Nov-2011
39	8.1	1.2	33	756	10:56:38	18-Nov-2011
40	6.96	1.3	32	756	11:01:38	18-Nov-2011
41	23.73	1.5	31	756	11:06:38	18-Nov-2011
42	12.39	1.6	31	756	11:11:38	18-Nov-2011
43	50.36	1.7	30	756	11:16:38	18-Nov-2011
44	9.36	1.8	30	756	11:21:38	18-Nov-2011
45	9.23	1.9	30	756	11:26:38	18-Nov-2011
46	9.77	2.1	30	756	11:31:38	18-Nov-2011
47	7.32	2.2	29	756	11:36:38	18-Nov-2011
48	5.55	2.4	29	756	11:41:38	18-Nov-2011
49	5.98	2.5	29	756	11:46:38	18-Nov-2011
50	9.98	2.6	28	756	11:51:38	18-Nov-2011
51	7.58	2.8	28	756	11:56:38	18-Nov-2011
52	7.95	2.9	27	756	12:01:38	18-Nov-2011
53	6.57	3.1	27	756	12:06:38	18-Nov-2011
54	5.49	3.2	27	756	12:11:38	18-Nov-2011
55	6.9	3.3	27	756	12:16:38	18-Nov-2011
56	12.99	3.5	26	754	12:21:38	18-Nov-2011
57	13.18	3.6	25	754	12:26:38	18-Nov-2011
58	8.39	3.7	25	754	12:31:38	18-Nov-2011
59	9.48	3.8	25	754	12:36:38	18-Nov-2011
60	8.6	3.9	24	754	12:41:38	18-Nov-2011
61	7.31	4	24	754	12:46:38	18-Nov-2011
62	7.93	4.1	24	754	12:51:38	18-Nov-2011
63	8.53	4.2	23	754	12:56:38	18-Nov-2011
64	5.18	4.4	23	754	13:01:38	18-Nov-2011
65	7.52	4.5	23	754	13:06:38	18-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
66	5.34	4.5	23	754	13:11:38	18-Nov-2011
67	4.1	4.6	23	754	13:16:38	18-Nov-2011
68	9.48	4.7	23	754	13:21:38	18-Nov-2011
69	5.79	4.8	22	754	13:26:38	18-Nov-2011
70	4.66	4.8	23	754	13:31:38	18-Nov-2011
71	19.19	4.9	23	754	13:36:38	18-Nov-2011
72	3.91	5	22	754	13:41:38	18-Nov-2011
73	5.14	5	22	754	13:46:38	18-Nov-2011
74	6.19	5.1	22	754	13:51:38	18-Nov-2011
75	5.15	5.2	22	754	13:56:38	18-Nov-2011
76	12.6	5.3	21	754	14:01:38	18-Nov-2011
77	7.21	5.5	20	754	14:06:38	18-Nov-2011
78	6.9	5.6	21	754	14:11:38	18-Nov-2011
79	7.23	5.8	22	754	14:16:38	18-Nov-2011
80	8.19	5.9	24	754	14:21:38	18-Nov-2011
81	8.34	6	23	754	14:26:38	18-Nov-2011
82	6.44	6.1	23	754	14:31:38	18-Nov-2011
83	6.74	6.2	22	754	14:36:38	18-Nov-2011
84	9.38	6.3	22	754	14:41:38	18-Nov-2011
85	6.14	6.4	22	754	14:46:38	18-Nov-2011
86	8.84	6.4	23	752	14:51:38	18-Nov-2011
87	6.84	6.4	22	752	14:56:38	18-Nov-2011
88	10.82	6.4	23	752	15:01:38	18-Nov-2011
89	8.28	6.4	23	752	15:06:38	18-Nov-2011
1	0.64	19.6	24	758	07:32:21	21-Nov-2011
2	0.83	18.5	22	758	07:37:21	21-Nov-2011
3	1.04	17.4	22	758	07:42:21	21-Nov-2011
4	1.43	16.2	23	758	07:47:21	21-Nov-2011
5	1.79	15	25	758	07:52:21	21-Nov-2011
6	2.21	13.8	26	758	07:57:21	21-Nov-2011
7	2.24	12.7	28	758	08:02:21	21-Nov-2011
8	2.6	11.6	30	758	08:07:21	21-Nov-2011
9	2.66	10.6	31	758	08:12:21	21-Nov-2011
10	2.83	9.8	33	758	08:17:21	21-Nov-2011
11	2.73	8.9	34	758	08:22:21	21-Nov-2011
12	3.21	8.2	35	758	08:27:21	21-Nov-2011
13	3.26	7.5	37	758	08:32:21	21-Nov-2011
14	5.86	7	38	758	08:37:21	21-Nov-2011
15	3.36	6.5	39	758	08:42:21	21-Nov-2011
16	3.38	6.1	40	758	08:47:21	21-Nov-2011
17	2.97	5.8	40	758	08:52:21	21-Nov-2011
18	2.91	5.6	41	758	08:57:21	21-Nov-2011
19	2.72	5.5	41	758	09:02:21	21-Nov-2011
20	3.06	5.3	41	758	09:07:21	21-Nov-2011
21	2.77	5.3	41	758	09:12:21	21-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
22	7.27	5.3	40	758	09:17:21	21-Nov-2011
23	3.67	5.3	41	758	09:22:21	21-Nov-2011
24	2.88	5.3	41	758	09:27:21	21-Nov-2011
25	3.93	5.3	41	758	09:32:21	21-Nov-2011
26	6.81	5.3	41	758	09:37:21	21-Nov-2011
27	2.98	5.3	41	758	09:42:21	21-Nov-2011
28	3.98	5.2	41	758	09:47:21	21-Nov-2011
29	3.53	5.2	41	758	09:52:21	21-Nov-2011
30	3.57	5.2	42	758	09:57:21	21-Nov-2011
31	3.27	5.3	42	758	10:02:21	21-Nov-2011
32	3.19	5.3	42	758	10:07:21	21-Nov-2011
33	3.52	5.5	42	758	10:12:21	21-Nov-2011
34	3.67	5.6	41	758	10:17:21	21-Nov-2011
35	3.81	5.6	41	758	10:22:21	21-Nov-2011
36	3.41	5.7	41	758	10:27:21	21-Nov-2011
37	4.31	5.7	41	758	10:32:21	21-Nov-2011
38	3.73	5.8	41	758	10:37:21	21-Nov-2011
39	5.49	5.8	41	758	10:42:21	21-Nov-2011
40	4.5	5.9	41	758	10:47:21	21-Nov-2011
41	6.45	6	41	758	10:52:21	21-Nov-2011
42	3.89	6.1	41	758	10:57:21	21-Nov-2011
43	5.07	6.3	40	758	11:02:21	21-Nov-2011
44	7.41	6.5	40	758	11:07:21	21-Nov-2011
45	3.85	6.7	40	758	11:12:21	21-Nov-2011
46	4.33	6.8	39	758	11:17:21	21-Nov-2011
47	3.55	7	39	758	11:22:21	21-Nov-2011
48	4.28	7.1	39	758	11:27:21	21-Nov-2011
49	5.09	7.2	39	758	11:32:21	21-Nov-2011
50	4.52	7.3	39	758	11:37:21	21-Nov-2011
51	4.17	7.4	39	758	11:42:21	21-Nov-2011
52	5	7.6	38	758	11:47:21	21-Nov-2011
53	5.02	7.7	38	758	11:52:21	21-Nov-2011
54	4.78	7.8	38	758	11:57:21	21-Nov-2011
55	5.41	8	38	758	12:02:21	21-Nov-2011
56	6.27	8.2	37	758	12:07:21	21-Nov-2011
57	6.07	8.4	37	758	12:12:21	21-Nov-2011
58	7.05	8.6	37	758	12:17:21	21-Nov-2011
59	5.68	8.7	37	758	12:22:21	21-Nov-2011
60	5.92	8.9	36	758	12:27:21	21-Nov-2011
61	5.73	9	36	758	12:32:21	21-Nov-2011
62	5.82	9.1	36	758	12:37:21	21-Nov-2011
63	5.9	9.2	36	758	12:42:21	21-Nov-2011
64	6.13	9.3	36	758	12:47:21	21-Nov-2011
65	5.66	9.3	36	758	12:52:21	21-Nov-2011
66	6.07	9.4	36	758	12:57:21	21-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
67	6.39	9.4	36	758	13:02:21	21-Nov-2011
68	6.85	9.4	36	758	13:07:21	21-Nov-2011
69	6.79	9.5	36	758	13:12:21	21-Nov-2011
70	6.95	9.5	36	758	13:17:21	21-Nov-2011
71	6.95	9.6	36	758	13:22:21	21-Nov-2011
72	9.4	9.7	35	758	13:27:21	21-Nov-2011
73	7.92	9.8	35	758	13:32:21	21-Nov-2011
74	7.93	9.8	35	756	13:37:21	21-Nov-2011
75	8.34	9.8	35	756	13:42:21	21-Nov-2011
76	8.23	9.8	35	756	13:47:21	21-Nov-2011
77	8.1	9.8	35	756	13:52:21	21-Nov-2011
78	8.2	9.8	35	756	13:57:21	21-Nov-2011
79	9.89	9.7	36	756	14:02:21	21-Nov-2011
80	8.76	9.6	36	756	14:07:21	21-Nov-2011
81	9.06	9.5	36	756	14:12:21	21-Nov-2011
82	9.32	9.3	36	756	14:17:21	21-Nov-2011
83	11.53	9.2	37	756	14:22:21	21-Nov-2011
84	10.3	9	37	756	14:27:21	21-Nov-2011
85	12.55	8.8	37	756	14:32:21	21-Nov-2011
86	10.22	8.6	38	756	14:37:21	21-Nov-2011
87	9.81	8.4	38	756	14:42:21	21-Nov-2011
88	9.77	8.2	39	756	14:47:21	21-Nov-2011
89	9.74	8	40	756	14:52:21	21-Nov-2011
90	10.96	7.8	40	756	14:57:21	21-Nov-2011
91	11.12	7.6	41	756	15:02:21	21-Nov-2011
92	11.11	7.5	41	756	15:07:21	21-Nov-2011
1	17.04	17.5	29	754	07:50:24	22-Nov-2011
2	17.23	16	29	754	07:55:24	22-Nov-2011
3	17.59	14.7	31	754	08:00:24	22-Nov-2011
4	17.84	13.5	34	754	08:05:24	22-Nov-2011
5	17.73	12.3	36	754	08:10:24	22-Nov-2011
6	17.85	11.3	38	754	08:15:24	22-Nov-2011
7	18.11	10.4	41	754	08:20:24	22-Nov-2011
8	18.42	9.6	43	754	08:25:24	22-Nov-2011
9	19.03	8.8	45	754	08:30:24	22-Nov-2011
10	19.12	8.2	47	754	08:35:24	22-Nov-2011
11	19.49	7.6	49	754	08:40:24	22-Nov-2011
12	19.77	7	51	754	08:45:24	22-Nov-2011
13	20.67	6.5	53	754	08:50:24	22-Nov-2011
14	20.44	6	55	754	08:55:24	22-Nov-2011
15	20.73	5.7	56	754	09:00:24	22-Nov-2011
16	20.61	5.3	57	754	09:05:24	22-Nov-2011
17	21.06	5	59	754	09:10:24	22-Nov-2011
18	20.35	4.8	59	754	09:15:24	22-Nov-2011
19	20.71	4.5	60	754	09:20:24	22-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
20	20.26	4.3	61	754	09:25:24	22-Nov-2011
21	20.32	4.1	62	754	09:30:24	22-Nov-2011
22	19.93	3.9	62	754	09:35:24	22-Nov-2011
23	19.32	3.7	63	754	09:40:24	22-Nov-2011
24	19.17	3.5	64	754	09:45:24	22-Nov-2011
25	18.56	3.4	65	754	09:50:24	22-Nov-2011
26	18.27	3.2	66	754	09:55:24	22-Nov-2011
27	17.68	3.1	66	754	10:00:24	22-Nov-2011
28	17.27	2.9	67	754	10:05:24	22-Nov-2011
29	17.82	2.9	68	754	10:10:24	22-Nov-2011
30	17.41	2.8	68	754	10:15:24	22-Nov-2011
31	17.16	2.7	69	754	10:20:24	22-Nov-2011
32	16.69	2.6	69	754	10:25:24	22-Nov-2011
33	16.23	2.6	69	754	10:30:24	22-Nov-2011
34	16.18	2.5	70	754	10:35:24	22-Nov-2011
35	16	2.4	70	754	10:40:24	22-Nov-2011
36	15.96	2.3	71	754	10:45:24	22-Nov-2011
37	15.92	2.3	71	754	10:50:24	22-Nov-2011
38	15.42	2.3	72	752	10:55:24	22-Nov-2011
39	17.17	2.2	72	752	11:00:24	22-Nov-2011
40	14.92	2.2	73	752	11:05:24	22-Nov-2011
41	14.55	2.2	73	752	11:10:24	22-Nov-2011
42	14.24	2.2	73	752	11:15:24	22-Nov-2011
43	13.25	2.2	74	752	11:20:24	22-Nov-2011
44	12.71	2.2	74	752	11:25:24	22-Nov-2011
45	12.01	2.2	75	752	11:30:24	22-Nov-2011
46	11.03	2.3	75	752	11:35:24	22-Nov-2011
47	10.32	2.3	75	752	11:40:24	22-Nov-2011
48	9.87	2.3	75	752	11:45:24	22-Nov-2011
49	10.19	2.4	75	752	11:50:24	22-Nov-2011
50	9.88	2.4	75	752	11:55:24	22-Nov-2011
51	9.58	2.5	74	752	12:00:24	22-Nov-2011
52	9.86	2.5	74	752	12:05:24	22-Nov-2011
53	10.13	2.5	74	752	12:10:24	22-Nov-2011
54	9.95	2.5	74	752	12:15:24	22-Nov-2011
55	9.64	2.5	74	752	12:20:24	22-Nov-2011
56	9.71	2.6	74	752	12:25:24	22-Nov-2011
57	9.02	2.6	74	750	12:30:24	22-Nov-2011
58	8.69	2.6	74	750	12:35:24	22-Nov-2011
59	8.78	2.6	73	750	12:40:24	22-Nov-2011
60	9.09	2.6	73	750	12:45:24	22-Nov-2011
61	9.02	2.6	73	750	12:50:24	22-Nov-2011
62	10.03	2.6	72	750	12:55:24	22-Nov-2011
63	8.92	2.6	72	750	13:00:24	22-Nov-2011
64	8.69	2.6	72	750	13:05:24	22-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
65	9.11	2.6	72	750	13:10:24	22-Nov-2011
66	9.2	2.6	72	750	13:15:24	22-Nov-2011
67	9.57	2.5	72	750	13:20:24	22-Nov-2011
68	9.52	2.5	72	750	13:25:24	22-Nov-2011
69	10.26	2.5	72	750	13:30:24	22-Nov-2011
70	10.34	2.4	72	750	13:35:24	22-Nov-2011
71	10.78	2.3	73	750	13:40:24	22-Nov-2011
72	10.57	2.2	73	750	13:45:24	22-Nov-2011
1	3.24	19	34	750	07:40:52	23-Nov-2011
2	3.28	18	28	750	07:45:52	23-Nov-2011
3	13.53	16.8	28	750	07:50:52	23-Nov-2011
4	5.88	15.5	30	750	07:55:52	23-Nov-2011
5	10.74	14.3	32	750	08:00:52	23-Nov-2011
6	7.74	13.1	34	750	08:05:52	23-Nov-2011
7	5.7	12	37	750	08:10:52	23-Nov-2011
8	6.08	11	39	750	08:15:52	23-Nov-2011
9	6.93	10	42	750	08:20:52	23-Nov-2011
10	7.54	9.2	44	750	08:25:52	23-Nov-2011
11	7.97	8.4	46	750	08:30:52	23-Nov-2011
12	8.37	7.8	48	750	08:35:52	23-Nov-2011
13	9.4	7.1	50	750	08:40:52	23-Nov-2011
14	9.05	6.5	52	752	08:45:52	23-Nov-2011
15	8.5	6	53	752	08:50:52	23-Nov-2011
16	8.39	5.6	54	752	08:55:52	23-Nov-2011
17	8.62	5.2	55	752	09:00:52	23-Nov-2011
18	8.45	4.8	56	752	09:05:52	23-Nov-2011
19	8.39	4.5	58	752	09:10:52	23-Nov-2011
20	9.56	4.2	59	752	09:15:52	23-Nov-2011
21	9.74	4	60	752	09:20:52	23-Nov-2011
22	9.13	3.8	60	752	09:25:52	23-Nov-2011
23	10.5	3.6	61	752	09:30:52	23-Nov-2011
24	9.2	3.4	62	752	09:35:52	23-Nov-2011
25	9.31	3.3	63	752	09:40:52	23-Nov-2011
26	7.56	3.2	63	752	09:45:52	23-Nov-2011
27	8	3.1	64	752	09:50:52	23-Nov-2011
28	7.5	3	64	752	09:55:52	23-Nov-2011
29	10.1	2.9	64	752	10:00:52	23-Nov-2011
30	8.24	2.8	65	752	10:05:52	23-Nov-2011
31	7.33	2.8	65	752	10:10:52	23-Nov-2011
32	8.28	2.7	65	752	10:15:52	23-Nov-2011
33	9.3	2.7	65	752	10:20:52	23-Nov-2011
34	8.63	2.7	65	752	10:25:52	23-Nov-2011
35	7.66	2.7	66	752	10:30:52	23-Nov-2011
36	9.54	2.7	66	752	10:35:52	23-Nov-2011
37	9.82	2.8	66	752	10:40:52	23-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
38	9.9	2.8	66	752	10:45:52	23-Nov-2011
39	7.53	2.9	64	752	10:50:52	23-Nov-2011
40	7.78	2.9	62	752	10:55:52	23-Nov-2011
41	6.98	3	63	752	11:00:52	23-Nov-2011
42	7.63	3.1	64	752	11:05:52	23-Nov-2011
43	7.78	3.1	63	752	11:10:52	23-Nov-2011
44	7.79	3.2	64	752	11:15:52	23-Nov-2011
45	10.27	3.3	62	752	11:20:52	23-Nov-2011
46	7.9	3.4	62	752	11:25:52	23-Nov-2011
47	7.85	3.5	62	752	11:30:52	23-Nov-2011
48	8.21	3.6	63	752	11:35:52	23-Nov-2011
49	7.69	3.7	61	752	11:40:52	23-Nov-2011
50	7.89	3.8	60	752	11:45:52	23-Nov-2011
51	7.61	3.9	60	752	11:50:52	23-Nov-2011
52	10.92	4	60	752	11:55:52	23-Nov-2011
53	8.27	4.1	60	752	12:00:52	23-Nov-2011
54	8.5	4.3	58	752	12:05:52	23-Nov-2011
55	6.59	4.4	57	752	12:10:52	23-Nov-2011
56	8.65	4.5	57	752	12:15:52	23-Nov-2011
57	8.01	4.6	57	752	12:20:52	23-Nov-2011
58	7.99	4.7	56	752	12:25:52	23-Nov-2011
59	6.36	4.8	55	752	12:30:52	23-Nov-2011
60	6.31	4.9	54	752	12:35:52	23-Nov-2011
61	6.13	5	53	752	12:40:52	23-Nov-2011
62	6.32	5.1	52	752	12:45:52	23-Nov-2011
63	6.11	5.2	51	752	12:50:52	23-Nov-2011
1	5.27	19.5	25	752	07:41:30	28-Nov-2011
2	4.18	18.5	22	752	07:46:30	28-Nov-2011
3	2.72	17.1	22	752	07:51:30	28-Nov-2011
4	2.88	15.8	24	752	07:56:30	28-Nov-2011
5	3.73	14.4	26	752	08:01:30	28-Nov-2011
6	3.52	13	28	752	08:06:30	28-Nov-2011
7	3.93	11.8	30	752	08:11:30	28-Nov-2011
8	3.43	10.6	32	752	08:16:30	28-Nov-2011
9	4.08	9.6	35	752	08:21:30	28-Nov-2011
10	4.22	8.7	37	752	08:26:30	28-Nov-2011
11	4.45	7.8	38	752	08:31:30	28-Nov-2011
12	5.1	7.1	40	752	08:36:30	28-Nov-2011
13	5.57	6.4	42	752	08:41:30	28-Nov-2011
14	6.18	5.8	45	752	08:46:30	28-Nov-2011
15	5.71	5.3	46	752	08:51:30	28-Nov-2011
16	6.25	4.9	48	752	08:56:30	28-Nov-2011
17	7.8	4.5	49	752	09:01:30	28-Nov-2011
18	8.86	4.2	50	752	09:06:30	28-Nov-2011
19	8.85	3.9	52	752	09:11:30	28-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
20	8.21	3.7	53	752	09:16:30	28-Nov-2011
21	7.81	3.5	54	752	09:21:30	28-Nov-2011
22	7.07	3.3	55	752	09:26:30	28-Nov-2011
23	6.98	3.1	55	752	09:31:30	28-Nov-2011
24	7.53	2.9	56	752	09:36:30	28-Nov-2011
25	7.32	2.8	57	752	09:41:30	28-Nov-2011
26	9.59	2.6	57	752	09:46:30	28-Nov-2011
27	11.1	2.5	58	752	09:51:30	28-Nov-2011
28	11.92	2.4	59	752	09:56:30	28-Nov-2011
29	13.71	2.3	59	752	10:01:30	28-Nov-2011
30	10.46	2.2	60	752	10:06:30	28-Nov-2011
31	9.6	2.1	61	752	10:11:30	28-Nov-2011
32	8.36	2	61	752	10:16:30	28-Nov-2011
33	8.19	2	61	752	10:21:30	28-Nov-2011
34	8.02	1.9	62	752	10:26:30	28-Nov-2011
35	8.08	1.9	63	752	10:31:30	28-Nov-2011
36	7.59	1.9	63	752	10:36:30	28-Nov-2011
37	7.43	1.9	63	752	10:41:30	28-Nov-2011
38	8.05	1.9	64	752	10:46:30	28-Nov-2011
39	9.24	2	64	752	10:51:30	28-Nov-2011
40	6.23	2	64	752	10:56:30	28-Nov-2011
41	6.22	2	64	752	11:01:30	28-Nov-2011
42	5.71	2	64	752	11:06:30	28-Nov-2011
43	5.16	2	64	752	11:11:30	28-Nov-2011
44	5.17	2.1	64	752	11:16:30	28-Nov-2011
45	4.82	2.1	64	752	11:21:30	28-Nov-2011
46	4.49	2.1	64	752	11:26:30	28-Nov-2011
47	4.9	2.1	65	752	11:31:30	28-Nov-2011
48	5.22	2.1	65	752	11:36:30	28-Nov-2011
49	4.94	2.1	65	752	11:41:30	28-Nov-2011
50	4.24	2.1	64	752	11:46:30	28-Nov-2011
51	4.12	2.1	65	752	11:51:30	28-Nov-2011
52	3.91	2.1	65	752	11:56:30	28-Nov-2011
53	4.07	2.2	66	752	12:01:30	28-Nov-2011
54	3.98	2.2	65	752	12:06:30	28-Nov-2011
55	4.32	2.2	65	752	12:11:30	28-Nov-2011
56	4.16	2.3	66	752	12:16:30	28-Nov-2011
57	4.65	2.3	66	752	12:21:30	28-Nov-2011
58	4.46	2.3	65	752	12:26:30	28-Nov-2011
59	4.87	2.3	65	752	12:31:30	28-Nov-2011
60	4.56	2.2	66	752	12:36:30	28-Nov-2011
61	4.73	2.2	66	752	12:41:30	28-Nov-2011
62	5.09	2.2	66	752	12:46:30	28-Nov-2011
63	5.26	2.1	66	752	12:51:30	28-Nov-2011
64	5.4	2.1	66	752	12:56:30	28-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
65	6.03	2.1	66	750	13:01:30	28-Nov-2011
66	6.68	2.1	65	752	13:06:30	28-Nov-2011
67	7.46	2	66	750	13:11:30	28-Nov-2011
68	7.87	2	66	750	13:16:30	28-Nov-2011
69	7.68	2	66	750	13:21:30	28-Nov-2011
70	8.19	2	67	750	13:26:30	28-Nov-2011
71	9.77	2	67	750	13:31:30	28-Nov-2011
72	9.05	1.9	67	750	13:36:30	28-Nov-2011
73	8.89	1.9	67	750	13:41:30	28-Nov-2011
74	11.09	2	67	750	13:46:30	28-Nov-2011
75	9.51	2	67	750	13:51:30	28-Nov-2011
76	9.03	2	67	750	13:56:30	28-Nov-2011
77	8.49	2	67	750	14:01:30	28-Nov-2011
78	9.02	2	67	750	14:06:30	28-Nov-2011
79	9.61	2	67	750	14:11:30	28-Nov-2011
80	10.5	2	67	750	14:16:30	28-Nov-2011
81	11.48	2	67	750	14:21:30	28-Nov-2011
1	15.8	2.3	67	750	14:38:51	28-Nov-2011
2	18.26	2.7	66	750	14:43:51	28-Nov-2011
3	20.21	2.9	65	750	14:48:51	28-Nov-2011
4	20.96	3	65	750	14:53:51	28-Nov-2011
5	20.97	3	65	750	14:58:51	28-Nov-2011
6	16.34	2.9	65	750	15:03:51	28-Nov-2011
7	17.91	2.9	66	750	15:08:51	28-Nov-2011
8	15.44	2.8	66	750	15:13:51	28-Nov-2011
9	11.02	2.7	66	750	15:18:51	28-Nov-2011
10	9.64	2.7	65	750	15:23:51	28-Nov-2011
1	11.55	20.7	16	750	08:39:19	07-Dec-2011
2	12.73	19.7	14	750	08:44:19	07-Dec-2011
3	10.07	18.3	15	750	08:49:19	07-Dec-2011
4	10.79	16.7	16	750	08:54:19	07-Dec-2011
5	9.65	15.1	17	750	08:59:19	07-Dec-2011
6	10.47	13.5	18	750	09:04:19	07-Dec-2011
7	9.17	12	20	750	09:09:19	07-Dec-2011
8	8.94	10.7	22	750	09:14:19	07-Dec-2011
9	8.84	9.4	23	750	09:19:19	07-Dec-2011
10	8.07	8.3	24	750	09:24:19	07-Dec-2011
11	8.15	7.2	26	750	09:29:19	07-Dec-2011
12	7.26	6.3	27	750	09:34:19	07-Dec-2011
13	7.26	5.5	28	750	09:39:19	07-Dec-2011
14	7.28	4.7	30	750	09:44:19	07-Dec-2011
15	6.85	4	31	750	09:49:19	07-Dec-2011
16	7.93	3.4	32	750	09:54:19	07-Dec-2011
17	9.05	2.9	33	750	09:59:19	07-Dec-2011
18	7.81	2.4	35	750	10:04:19	07-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
19	7.66	2	36	750	10:09:19	07-Dec-2011
20	8.18	1.7	36	750	10:14:19	07-Dec-2011
21	8.63	1.4	37	750	10:19:19	07-Dec-2011
22	8.87	1.1	37	750	10:24:19	07-Dec-2011
23	9.15	0.9	39	750	10:29:19	07-Dec-2011
24	10.03	0.6	39	750	10:34:19	07-Dec-2011
25	13.3	0.4	41	750	10:39:19	07-Dec-2011
26	10.66	0.2	42	750	10:44:19	07-Dec-2011
27	10.16	0.1	41	750	10:49:19	07-Dec-2011
28	11.79	0	43	750	10:54:19	07-Dec-2011
29	12.1	0	43	750	10:59:19	07-Dec-2011
30	10.04	0	43	750	11:04:19	07-Dec-2011
31	9.12	-0.1	44	750	11:09:19	07-Dec-2011
32	9.03	-0.1	43	750	11:14:19	07-Dec-2011
33	9.6	-0.2	44	750	11:19:19	07-Dec-2011
34	9.19	-0.2	44	748	11:24:19	07-Dec-2011
35	8.89	-0.2	44	748	11:29:19	07-Dec-2011
36	8.74	-0.3	46	748	11:34:19	07-Dec-2011
37	9.01	-0.3	46	748	11:39:19	07-Dec-2011
38	8.67	-0.4	46	748	11:44:19	07-Dec-2011
39	10.2	-0.5	45	748	11:49:19	07-Dec-2011
40	9.73	-0.5	47	748	11:54:19	07-Dec-2011
41	10.17	-0.5	48	748	11:59:19	07-Dec-2011
42	9.89	-0.6	48	748	12:04:19	07-Dec-2011
43	8.86	-0.6	47	748	12:09:19	07-Dec-2011
44	9.39	-0.6	47	748	12:14:19	07-Dec-2011
45	9.48	-0.7	47	748	12:19:19	07-Dec-2011
46	9.15	-0.7	48	748	12:24:19	07-Dec-2011
47	10.5	-0.7	49	748	12:29:19	07-Dec-2011
48	10.36	-0.8	48	748	12:34:19	07-Dec-2011
49	9.9	-0.8	48	748	12:39:19	07-Dec-2011
50	12.2	-0.8	49	748	12:44:19	07-Dec-2011
51	8.26	-0.8	49	748	12:49:19	07-Dec-2011
52	14.8	-0.8	49	748	12:54:19	07-Dec-2011
53	11.42	-0.8	48	748	12:59:19	07-Dec-2011
54	16.1	-0.8	48	748	13:04:19	07-Dec-2011
55	9.94	-0.8	48	748	13:09:19	07-Dec-2011
56	10.69	-0.8	49	748	13:14:19	07-Dec-2011
57	9.88	-0.8	49	748	13:19:19	07-Dec-2011
58	10.09	-0.8	49	748	13:24:19	07-Dec-2011
59	14.18	-0.8	50	748	13:29:19	07-Dec-2011
60	9.3	-0.8	50	748	13:34:19	07-Dec-2011
61	10.13	-0.8	50	748	13:39:19	07-Dec-2011
62	10.46	-0.8	50	748	13:44:19	07-Dec-2011
63	9.22	-0.8	49	748	13:49:19	07-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
64	9.17	-0.8	49	748	13:54:19	07-Dec-2011
65	13.29	-0.8	49	748	13:59:19	07-Dec-2011
66	9.28	-0.9	49	748	14:04:19	07-Dec-2011
67	9.12	-0.9	50	748	14:09:19	07-Dec-2011
68	10.06	-1	51	748	14:14:19	07-Dec-2011
69	12.4	-1	51	748	14:19:19	07-Dec-2011
70	14.91	-1.1	51	748	14:24:19	07-Dec-2011
71	13.62	-1.1	51	748	14:29:19	07-Dec-2011
72	14.75	-1.1	52	748	14:34:19	07-Dec-2011
73	10.25	-1.2	52	746	14:39:19	07-Dec-2011
74	10.71	-1.2	52	746	14:44:19	07-Dec-2011
75	12.02	-1.2	53	746	14:49:19	07-Dec-2011
76	12.72	-1.1	54	746	14:54:19	07-Dec-2011
77	10.85	-1	53	746	14:59:19	07-Dec-2011
78	10.36	-0.9	52	746	15:04:19	07-Dec-2011
79	10.37	-0.8	52	746	15:09:19	07-Dec-2011
80	16.52	-0.7	52	748	15:14:19	07-Dec-2011
81	11.37	-0.7	52	746	15:19:19	07-Dec-2011
82	11.3	-0.8	52	746	15:24:19	07-Dec-2011
1	14.99	19.1	21	754	08:18:49	08-Dec-2011
2	15.68	17.2	17	752	08:23:49	08-Dec-2011
3	17.33	15.5	18	752	08:28:49	08-Dec-2011
4	18.86	14	19	754	08:33:49	08-Dec-2011
5	20.11	12.6	21	754	08:38:49	08-Dec-2011
6	20.41	11.2	23	754	08:43:49	08-Dec-2011
7	36.94	10	25	754	08:48:49	08-Dec-2011
8	24.05	8.9	27	754	08:53:49	08-Dec-2011
9	48.21	7.8	28	754	08:58:49	08-Dec-2011
10	77.19	6.9	30	754	09:03:49	08-Dec-2011
11	50.82	6.1	32	754	09:08:49	08-Dec-2011
12	42.04	5.3	34	754	09:13:49	08-Dec-2011
13	33.79	4.6	35	754	09:18:49	08-Dec-2011
14	45.56	4	37	754	09:23:49	08-Dec-2011
15	36.59	3.5	38	754	09:28:49	08-Dec-2011
16	40.21	2.9	40	754	09:33:49	08-Dec-2011
17	33.94	2.4	41	754	09:38:49	08-Dec-2011
18	33.23	1.7	43	754	09:43:49	08-Dec-2011
19	33.7	1.2	45	754	09:48:49	08-Dec-2011
20	30.19	0.9	46	754	09:53:49	08-Dec-2011
21	30.97	0.7	46	754	09:58:49	08-Dec-2011
22	28.92	0.6	47	754	10:03:49	08-Dec-2011
23	32.94	0.5	47	754	10:08:49	08-Dec-2011
24	32.86	0.4	48	754	10:13:49	08-Dec-2011
25	31.58	0.4	48	754	10:18:49	08-Dec-2011
26	31.21	0.4	48	754	10:23:49	08-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
27	33.77	0.5	49	754	10:28:49	08-Dec-2011
28	31.03	0.5	49	754	10:33:49	08-Dec-2011
29	31.19	0.4	49	754	10:38:49	08-Dec-2011
30	32.1	0.3	50	754	10:43:49	08-Dec-2011
31	33.07	0.1	50	754	10:48:49	08-Dec-2011
32	33.48	0	51	754	10:53:49	08-Dec-2011
33	32.28	-0.1	52	754	10:58:49	08-Dec-2011
34	33.5	-0.2	52	754	11:03:49	08-Dec-2011
35	33.24	-0.2	52	754	11:08:49	08-Dec-2011
36	34.44	-0.3	52	754	11:13:49	08-Dec-2011
37	39.23	-0.4	52	754	11:18:49	08-Dec-2011
38	38.11	-0.5	53	754	11:23:49	08-Dec-2011
39	43.87	-0.5	53	754	11:28:49	08-Dec-2011
40	34.67	-0.6	53	754	11:33:49	08-Dec-2011
41	34.2	-0.7	54	754	11:38:49	08-Dec-2011
42	31.19	-0.9	54	754	11:43:49	08-Dec-2011
43	30.82	-1	54	754	11:48:49	08-Dec-2011
44	30.08	-1	54	754	11:53:49	08-Dec-2011
45	28.03	-1	54	754	11:58:49	08-Dec-2011
46	29.72	-0.9	53	754	12:03:49	08-Dec-2011
47	44.51	-0.8	54	754	12:08:49	08-Dec-2011
48	37.23	-0.7	53	754	12:13:49	08-Dec-2011
49	28.02	-0.7	53	754	12:18:49	08-Dec-2011
50	27.56	-0.7	52	754	12:23:49	08-Dec-2011
51	29.2	-0.6	53	754	12:28:49	08-Dec-2011
52	29.55	-0.6	53	754	12:33:49	08-Dec-2011
53	29.94	-0.6	53	754	12:38:49	08-Dec-2011
54	30.67	-0.7	53	754	12:43:49	08-Dec-2011
55	31.9	-0.7	53	754	12:48:49	08-Dec-2011
56	38.75	-0.8	53	754	12:53:49	08-Dec-2011
57	39.31	-0.8	53	754	12:58:49	08-Dec-2011
58	47.67	-0.8	53	754	13:03:49	08-Dec-2011
59	50.03	-0.7	54	754	13:08:49	08-Dec-2011
60	29.69	-0.7	53	752	13:13:49	08-Dec-2011
61	220.81	-0.7	53	754	13:18:49	08-Dec-2011
62	53.46	-0.7	53	754	13:23:49	08-Dec-2011
63	71.06	-0.7	53	752	13:28:49	08-Dec-2011
64	46.04	-0.6	53	752	13:33:49	08-Dec-2011
65	29	-0.6	53	754	13:38:49	08-Dec-2011
66	210.09	-0.7	52	752	13:43:49	08-Dec-2011
67	82.81	-0.6	52	754	13:48:49	08-Dec-2011
68	95.87	-0.6	53	752	13:53:49	08-Dec-2011
69	82.98	-0.6	53	754	13:58:49	08-Dec-2011
70	52.64	-0.6	53	754	14:03:49	08-Dec-2011
71	51.61	-0.6	53	754	14:08:49	08-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
72	68.49	-0.6	52	754	14:13:49	08-Dec-2011
73	58.23	-0.6	52	754	14:18:49	08-Dec-2011
74	69.95	-0.6	52	754	14:23:49	08-Dec-2011
75	49.59	-0.5	53	754	14:28:49	08-Dec-2011
76	37.47	-0.5	52	754	14:33:49	08-Dec-2011
77	53.89	-0.5	51	754	14:38:49	08-Dec-2011
78	45.94	-0.5	52	754	14:43:49	08-Dec-2011
79	36.05	-0.4	53	754	14:48:49	08-Dec-2011
80	58.99	-0.4	52	754	14:53:49	08-Dec-2011
81	47.53	-0.4	51	754	14:58:49	08-Dec-2011
82	35.57	-0.4	51	754	15:03:49	08-Dec-2011
83	39.65	-0.5	51	754	15:08:49	08-Dec-2011
84	33.69	-0.5	51	754	15:13:49	08-Dec-2011
85	39.05	-0.5	52	754	15:18:49	08-Dec-2011
86	32.33	-0.5	52	754	15:23:49	08-Dec-2011
87	42.3	-0.6	52	754	15:28:49	08-Dec-2011
1	6.93	18.4	26	754	07:54:31	09-Dec-2011
2	7.93	16.3	23	754	07:59:31	09-Dec-2011
3	8.17	14.6	25	754	08:04:31	09-Dec-2011
4	8.97	13.1	27	754	08:09:31	09-Dec-2011
5	9.48	11.7	29	754	08:14:31	09-Dec-2011
6	10.07	10.4	31	754	08:19:31	09-Dec-2011
7	11.06	9.2	34	754	08:24:31	09-Dec-2011
8	11.78	8.1	36	754	08:29:31	09-Dec-2011
9	12.42	7.1	38	754	08:34:31	09-Dec-2011
10	12.89	6.3	40	754	08:39:31	09-Dec-2011
11	13.43	5.5	42	754	08:44:31	09-Dec-2011
12	13.48	4.8	44	754	08:49:31	09-Dec-2011
13	14.21	4.1	46	754	08:54:31	09-Dec-2011
14	14.44	3.6	48	754	08:59:31	09-Dec-2011
15	14.12	3	49	754	09:04:31	09-Dec-2011
16	15.72	2.5	51	754	09:09:31	09-Dec-2011
17	15.08	2	52	754	09:14:31	09-Dec-2011
18	14.94	1.5	54	754	09:19:31	09-Dec-2011
19	15.55	1.1	55	754	09:24:31	09-Dec-2011
20	16.15	0.7	57	754	09:29:31	09-Dec-2011
21	15.56	0.4	58	754	09:34:31	09-Dec-2011
22	15.7	0.2	59	754	09:39:31	09-Dec-2011
23	15.51	0	60	754	09:44:31	09-Dec-2011
24	15.45	-0.2	61	754	09:49:31	09-Dec-2011
25	15.33	-0.4	61	754	09:54:31	09-Dec-2011
26	15.36	-0.6	62	754	09:59:31	09-Dec-2011
27	15.51	-0.8	63	754	10:04:31	09-Dec-2011
28	15.24	-1.1	64	754	10:09:31	09-Dec-2011
29	15.36	-1.3	65	754	10:14:31	09-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
30	15.93	-1.4	66	754	10:19:31	09-Dec-2011
31	15.71	-1.5	66	754	10:24:31	09-Dec-2011
32	16.06	-1.7	67	754	10:29:31	09-Dec-2011
33	15.95	-1.7	67	754	10:34:31	09-Dec-2011
34	16.06	-1.8	68	754	10:39:31	09-Dec-2011
35	16.86	-1.9	68	754	10:44:31	09-Dec-2011
36	17.22	-1.9	68	754	10:49:31	09-Dec-2011
37	16.58	-2	69	754	10:54:31	09-Dec-2011
38	16.65	-2	69	754	10:59:31	09-Dec-2011
39	23.61	-2	69	754	11:04:31	09-Dec-2011
40	16.98	-2.1	69	754	11:09:31	09-Dec-2011
41	17.13	-2.1	70	754	11:14:31	09-Dec-2011
42	17.64	-2.1	69	754	11:19:31	09-Dec-2011
43	16.19	-2.2	69	754	11:24:31	09-Dec-2011
44	19.24	-2.3	69	754	11:29:31	09-Dec-2011
45	17.15	-2.3	70	754	11:34:31	09-Dec-2011
46	16.95	-2.4	70	754	11:39:31	09-Dec-2011
47	17.08	-2.4	71	754	11:44:31	09-Dec-2011
48	18.5	-2.4	71	754	11:49:31	09-Dec-2011
49	21.66	-2.4	71	754	11:54:31	09-Dec-2011
50	19.63	-2.5	71	754	11:59:31	09-Dec-2011
51	19.1	-2.5	71	754	12:04:31	09-Dec-2011
52	19.14	-2.5	71	754	12:09:31	09-Dec-2011
53	20.72	-2.6	71	754	12:14:31	09-Dec-2011
54	18.69	-2.6	69	754	12:19:31	09-Dec-2011
55	18.25	-2.7	67	754	12:24:31	09-Dec-2011
56	16.37	-2.8	67	754	12:29:31	09-Dec-2011
57	15.04	-2.9	66	754	12:34:31	09-Dec-2011
58	11.84	-3	65	754	12:39:31	09-Dec-2011
59	10.86	-3.1	63	754	12:44:31	09-Dec-2011
60	10.68	-3.2	63	754	12:49:31	09-Dec-2011
61	10.19	-3.3	63	754	12:54:31	09-Dec-2011
62	10.37	-3.4	63	754	12:59:31	09-Dec-2011
63	10.05	-3.6	64	754	13:04:31	09-Dec-2011
64	9.79	-3.7	64	754	13:09:31	09-Dec-2011
65	9.34	-3.8	64	754	13:14:31	09-Dec-2011
66	11.71	-3.9	64	754	13:19:31	09-Dec-2011
67	10.13	-4	64	754	13:24:31	09-Dec-2011
68	11.18	-4	63	754	13:29:31	09-Dec-2011
69	9.88	-4.1	63	754	13:34:31	09-Dec-2011
70	7.78	-4.1	63	754	13:39:31	09-Dec-2011
71	7.79	-4.1	63	754	13:44:31	09-Dec-2011
72	9.18	-4.1	63	754	13:49:31	09-Dec-2011
73	11.55	-4.1	62	754	13:54:31	09-Dec-2011
74	8.12	-4.1	62	754	13:59:31	09-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
75	8.74	-4.2	63	754	14:04:31	09-Dec-2011
76	10.11	-4.2	62	754	14:09:31	09-Dec-2011
77	8.02	-4.2	63	754	14:14:31	09-Dec-2011
1	45.9	17.4	19	760	07:42:23	12-Dec-2011
2	62.83	15.5	15	760	07:47:23	12-Dec-2011
3	43.31	13.8	16	760	07:52:23	12-Dec-2011
4	61.21	12.1	17	760	07:57:23	12-Dec-2011
5	25.88	10.6	18	760	08:02:23	12-Dec-2011
6	29.04	9.1	20	760	08:07:23	12-Dec-2011
7	32.29	7.8	22	760	08:12:23	12-Dec-2011
8	27.04	6.5	23	762	08:17:23	12-Dec-2011
9	38.13	5.4	25	762	08:22:23	12-Dec-2011
10	30.97	4.4	27	762	08:27:23	12-Dec-2011
11	34.61	3.6	29	762	08:32:23	12-Dec-2011
12	38.64	2.8	30	762	08:37:23	12-Dec-2011
13	27.18	2.2	32	762	08:42:23	12-Dec-2011
14	28.62	1.6	33	762	08:47:23	12-Dec-2011
15	41.12	1.1	34	762	08:52:23	12-Dec-2011
16	35.23	0.8	35	762	08:57:23	12-Dec-2011
17	40.87	0.4	35	762	09:02:23	12-Dec-2011
18	53.57	0.2	36	762	09:07:23	12-Dec-2011
19	68.02	0	37	762	09:12:23	12-Dec-2011
20	35.2	-0.1	37	762	09:17:23	12-Dec-2011
21	36.97	-0.2	37	762	09:22:23	12-Dec-2011
22	61.91	-0.3	38	762	09:27:23	12-Dec-2011
23	126.66	-0.4	38	762	09:32:23	12-Dec-2011
24	56.82	-0.5	38	762	09:37:23	12-Dec-2011
25	59.55	-0.5	38	762	09:42:23	12-Dec-2011
26	50.43	-0.6	38	762	09:47:23	12-Dec-2011
27	37.12	-0.6	39	762	09:52:23	12-Dec-2011
28	55.38	-0.6	39	762	09:57:23	12-Dec-2011
29	36.09	-0.7	39	762	10:02:23	12-Dec-2011
30	53.02	-0.7	39	762	10:07:23	12-Dec-2011
31	36.25	-0.6	39	762	10:12:23	12-Dec-2011
32	38.4	-0.5	39	762	10:17:23	12-Dec-2011
33	27.28	-0.4	38	762	10:22:23	12-Dec-2011
34	56.65	-0.3	39	762	10:27:23	12-Dec-2011
35	43.13	-0.2	38	762	10:32:23	12-Dec-2011
36	57.22	-0.1	38	762	10:37:23	12-Dec-2011
37	34.98	0	38	762	10:42:23	12-Dec-2011
38	142.41	0	38	762	10:47:23	12-Dec-2011
39	83.66	0.2	37	762	10:52:23	12-Dec-2011
40	46.59	0.3	37	762	10:57:23	12-Dec-2011
41	93	0.4	37	762	11:02:23	12-Dec-2011
42	37.1	0.5	37	762	11:07:23	12-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
43	50.96	0.5	37	762	11:12:23	12-Dec-2011
44	57.58	0.6	37	762	11:17:23	12-Dec-2011
45	28.23	0.8	37	762	11:22:23	12-Dec-2011
46	30.17	0.9	37	762	11:27:23	12-Dec-2011
47	33.05	1.1	37	762	11:32:23	12-Dec-2011
48	31.36	1.3	36	760	11:37:23	12-Dec-2011
49	29.73	1.5	36	762	11:42:23	12-Dec-2011
50	32.2	1.7	36	760	11:47:23	12-Dec-2011
51	29.79	1.8	35	760	11:52:23	12-Dec-2011
52	46.8	2	35	760	11:57:23	12-Dec-2011
53	34.7	2.1	35	760	12:02:23	12-Dec-2011
54	34.1	2.3	35	760	12:07:23	12-Dec-2011
55	36.29	2.4	34	760	12:12:23	12-Dec-2011
56	45.2	2.5	34	760	12:17:23	12-Dec-2011
57	90.31	2.6	34	760	12:22:23	12-Dec-2011
58	39.57	2.7	34	760	12:27:23	12-Dec-2011
59	44.32	2.8	33	760	12:32:23	12-Dec-2011
60	22.43	2.9	33	760	12:37:23	12-Dec-2011
61	25.4	2.9	33	760	12:42:23	12-Dec-2011
62	26.71	2.9	34	760	12:47:23	12-Dec-2011
63	25.71	2.9	34	760	12:52:23	12-Dec-2011
64	27.67	2.9	34	760	12:57:23	12-Dec-2011
65	24.55	2.9	34	760	13:02:23	12-Dec-2011
66	32.37	2.9	34	760	13:07:23	12-Dec-2011
67	26.09	2.8	34	760	13:12:23	12-Dec-2011
68	25.98	2.7	35	760	13:17:23	12-Dec-2011
69	37.05	2.6	35	760	13:22:23	12-Dec-2011
70	48.4	2.5	35	760	13:27:23	12-Dec-2011
71	25.08	2.5	35	760	13:32:23	12-Dec-2011
72	42.41	2.4	35	760	13:37:23	12-Dec-2011
73	45.21	2.4	36	760	13:42:23	12-Dec-2011
74	39.42	2.4	36	760	13:47:23	12-Dec-2011
75	28.01	2.4	36	760	13:52:23	12-Dec-2011
76	30.32	2.4	35	760	13:57:23	12-Dec-2011
77	23.59	2.4	35	760	14:02:23	12-Dec-2011
78	22.74	2.4	36	760	14:07:23	12-Dec-2011
79	24.52	2.4	36	760	14:12:23	12-Dec-2011
80	17.72	2.4	36	760	14:17:23	12-Dec-2011
81	30.65	2.4	36	760	14:22:23	12-Dec-2011
82	31.06	2.4	36	760	14:27:23	12-Dec-2011
83	24.4	2.5	37	760	14:32:23	12-Dec-2011
84	31.21	2.6	41	760	14:37:23	12-Dec-2011
85	29.68	2.6	42	760	14:42:23	12-Dec-2011
86	26.89	2.7	42	760	14:47:23	12-Dec-2011
87	27.96	2.8	42	760	14:52:23	12-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
88	31.74	2.8	43	760	14:57:23	12-Dec-2011
89	29.43	2.9	45	760	15:02:23	12-Dec-2011
90	37.12	2.8	45	760	15:07:23	12-Dec-2011
91	30.15	2.8	45	760	15:12:23	12-Dec-2011
92	30.81	2.7	44	760	15:17:23	12-Dec-2011
93	29.07	2.6	44	760	15:22:23	12-Dec-2011
94	28.04	2.5	44	760	15:27:23	12-Dec-2011
1	33.81	20.1	21	760	07:43:07	13-Dec-2011
2	115.64	18.9	16	760	07:48:07	13-Dec-2011
3	86.89	17.6	17	760	07:53:07	13-Dec-2011
4	47.54	16.2	17	760	07:58:07	13-Dec-2011
5	45.14	14.8	19	760	08:03:07	13-Dec-2011
6	34.98	13.4	21	760	08:08:07	13-Dec-2011
7	35.75	12.1	22	760	08:13:07	13-Dec-2011
8	36.43	10.9	24	760	08:18:07	13-Dec-2011
9	36.62	9.9	25	760	08:23:07	13-Dec-2011
10	38.53	8.8	28	760	08:28:07	13-Dec-2011
11	36.27	7.9	30	760	08:33:07	13-Dec-2011
12	36.32	7.1	32	760	08:38:07	13-Dec-2011
13	102.88	6.3	34	760	08:43:07	13-Dec-2011
14	76.05	5.6	36	760	08:48:07	13-Dec-2011
15	78.74	5	38	760	08:53:07	13-Dec-2011
16	44.79	4.4	40	760	08:58:07	13-Dec-2011
17	45.24	3.9	40	760	09:03:07	13-Dec-2011
18	65.82	3.4	42	760	09:08:07	13-Dec-2011
19	53.11	3	44	760	09:13:07	13-Dec-2011
20	84.23	2.6	45	760	09:18:07	13-Dec-2011
21	92.22	2.3	47	760	09:23:07	13-Dec-2011
22	50.76	2.1	47	760	09:28:07	13-Dec-2011
23	49.69	1.8	49	760	09:33:07	13-Dec-2011
24	49.8	1.6	49	760	09:38:07	13-Dec-2011
25	47.43	1.4	49	760	09:43:07	13-Dec-2011
26	50.33	1.3	50	760	09:48:07	13-Dec-2011
27	59.45	1.2	52	760	09:53:07	13-Dec-2011
28	47.13	1.1	52	760	09:58:07	13-Dec-2011
29	40.28	1	52	760	10:03:07	13-Dec-2011
30	40.57	0.9	50	760	10:08:07	13-Dec-2011
31	43.29	0.9	49	760	10:13:07	13-Dec-2011
32	41.9	0.9	48	760	10:18:07	13-Dec-2011
33	44.32	0.9	49	760	10:23:07	13-Dec-2011
34	38.36	0.8	51	760	10:28:07	13-Dec-2011
35	41.85	0.8	50	760	10:33:07	13-Dec-2011
36	40.08	0.9	50	760	10:38:07	13-Dec-2011
37	40.08	0.9	50	760	10:43:07	13-Dec-2011
38	42.3	1	50	760	10:48:07	13-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
39	40.4	1.2	51	760	10:53:07	13-Dec-2011
40	38.1	1.3	52	760	10:58:07	13-Dec-2011
41	39.79	1.3	52	760	11:03:07	13-Dec-2011
42	38.75	1.4	49	760	11:08:07	13-Dec-2011
43	42.7	1.5	49	760	11:13:07	13-Dec-2011
44	43.91	1.6	50	760	11:18:07	13-Dec-2011
45	42.14	1.6	50	760	11:23:07	13-Dec-2011
46	41.03	1.6	49	760	11:28:07	13-Dec-2011
47	38.08	1.6	49	760	11:33:07	13-Dec-2011
48	37.95	1.6	49	760	11:38:07	13-Dec-2011
49	35.32	1.6	49	760	11:43:07	13-Dec-2011
50	33.11	1.6	48	760	11:48:07	13-Dec-2011
51	30.42	1.7	48	760	11:53:07	13-Dec-2011
52	32.93	1.7	48	760	11:58:07	13-Dec-2011
53	33.03	1.8	49	760	12:03:07	13-Dec-2011
54	30.64	1.9	50	760	12:08:07	13-Dec-2011
55	30.85	2.1	49	760	12:13:07	13-Dec-2011
56	32.59	2.2	49	760	12:18:07	13-Dec-2011
57	31.04	2.3	48	760	12:23:07	13-Dec-2011
58	31.59	2.4	48	760	12:28:07	13-Dec-2011
59	34.1	2.4	50	760	12:33:07	13-Dec-2011
60	35.71	2.5	50	760	12:38:07	13-Dec-2011
61	36.99	2.5	52	760	12:43:07	13-Dec-2011
62	42.57	2.6	52	760	12:48:07	13-Dec-2011
63	42.34	2.7	53	760	12:53:07	13-Dec-2011
64	43.16	2.8	54	760	12:58:07	13-Dec-2011
65	41.28	2.8	53	760	13:03:07	13-Dec-2011
66	43.82	2.9	53	760	13:08:07	13-Dec-2011
67	42.35	2.9	53	760	13:13:07	13-Dec-2011
68	46.11	2.8	53	760	13:18:07	13-Dec-2011
69	46.22	2.8	54	760	13:23:07	13-Dec-2011
70	45.81	2.7	54	760	13:28:07	13-Dec-2011
71	45.26	2.7	54	758	13:33:07	13-Dec-2011
72	46.27	2.7	54	760	13:38:07	13-Dec-2011
73	43.76	2.7	54	760	13:43:07	13-Dec-2011
74	44.85	2.6	54	758	13:48:07	13-Dec-2011
75	46.73	2.6	54	760	13:53:07	13-Dec-2011
76	47.97	2.6	54	760	13:58:07	13-Dec-2011
77	48.12	2.6	54	760	14:03:07	13-Dec-2011
78	50.74	2.6	54	760	14:08:07	13-Dec-2011
79	53.39	2.6	54	760	14:13:07	13-Dec-2011
80	56.41	2.6	55	760	14:18:07	13-Dec-2011
81	52.42	2.6	55	760	14:23:07	13-Dec-2011
82	55.13	2.6	56	760	14:28:07	13-Dec-2011
83	55.77	2.5	56	760	14:33:07	13-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
84	55.95	2.5	56	760	14:38:07	13-Dec-2011
85	63.61	2.4	55	760	14:43:07	13-Dec-2011
86	63.69	2.3	56	760	14:48:07	13-Dec-2011
87	58.86	2.3	57	760	14:53:07	13-Dec-2011
88	59.85	2.2	57	760	14:58:07	13-Dec-2011
89	62.49	2.1	57	760	15:03:07	13-Dec-2011
90	62.71	2.1	57	760	15:08:07	13-Dec-2011
91	61.18	2	58	760	15:13:07	13-Dec-2011
92	63.24	2	58	760	15:18:07	13-Dec-2011
93	66.09	1.9	58	760	15:23:07	13-Dec-2011
1	65.24	1.2	59	754	15:46:55	13-Dec-2011
2	70.58	1.5	60	760	15:51:55	13-Dec-2011
3	70.67	1.5	61	760	15:56:55	13-Dec-2011
4	75.33	1.5	61	760	16:01:55	13-Dec-2011
5	76.68	1.5	61	760	16:06:55	13-Dec-2011
6	103.53	1.5	61	760	16:11:55	13-Dec-2011
7	70.6	1.5	61	760	16:16:55	13-Dec-2011
8	67.27	1.4	62	760	16:21:55	13-Dec-2011
9	49.36	1.4	60	760	16:26:55	13-Dec-2011
10	58.4	1.3	59	760	16:31:55	13-Dec-2011
1	1.1	18.5	51	738	10:13:32	15-Dec-2011
2	1.15	18.3	55	740	10:18:32	15-Dec-2011
3	1.46	17.9	57	740	10:23:32	15-Dec-2011
4	1.53	17.4	58	740	10:28:32	15-Dec-2011
5	1.05	17	60	740	10:33:32	15-Dec-2011
6	1.12	16.6	62	740	10:38:32	15-Dec-2011
7	1.05	16.2	63	740	10:43:32	15-Dec-2011
8	1.32	15.8	65	740	10:48:32	15-Dec-2011
9	23.51	15.4	67	740	10:53:32	15-Dec-2011
10	15.93	15.1	69	740	10:58:32	15-Dec-2011
1	4.26	18	25	752	06:22:01	16-Dec-2011
2	9.13	16.5	17	754	06:27:01	16-Dec-2011
3	3.94	14.9	17	754	06:32:01	16-Dec-2011
4	3.91	13.4	18	756	06:37:01	16-Dec-2011
5	8.63	11.9	19	756	06:42:01	16-Dec-2011
6	16.58	10.6	21	756	06:47:01	16-Dec-2011
7	27.55	9.4	22	756	06:52:01	16-Dec-2011
8	33.91	8.2	24	756	06:57:01	16-Dec-2011
9	22.8	7.2	25	756	07:02:01	16-Dec-2011
10	14.94	6.3	27	756	07:07:01	16-Dec-2011
11	31.32	5.4	28	756	07:12:01	16-Dec-2011
12	190.41	4.6	29	756	07:17:01	16-Dec-2011
13	10.14	4	31	756	07:22:01	16-Dec-2011
14	17.34	3.4	32	756	07:27:01	16-Dec-2011
15	11.79	2.8	34	756	07:32:01	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
16	12.4	2.3	35	756	07:37:01	16-Dec-2011
17	12.63	1.9	37	756	07:42:01	16-Dec-2011
18	17.16	1.5	38	756	07:47:01	16-Dec-2011
19	17.14	1.1	39	756	07:52:01	16-Dec-2011
20	21.09	0.7	40	756	07:57:01	16-Dec-2011
21	18.13	0.4	41	756	08:02:01	16-Dec-2011
22	9.28	0.1	41	756	08:07:01	16-Dec-2011
23	39.62	-0.1	42	756	08:12:01	16-Dec-2011
24	27.11	-0.3	43	756	08:17:01	16-Dec-2011
25	14.01	-0.6	44	756	08:22:01	16-Dec-2011
26	26.8	-0.8	44	756	08:27:01	16-Dec-2011
27	25.19	-1	45	756	08:32:01	16-Dec-2011
28	9.85	-1.2	45	756	08:37:01	16-Dec-2011
29	16.8	-1.3	45	756	08:42:01	16-Dec-2011
30	18.09	-1.5	46	756	08:47:01	16-Dec-2011
31	32.72	-1.6	46	756	08:52:01	16-Dec-2011
32	25.28	-1.7	47	756	08:57:01	16-Dec-2011
33	17.17	-1.9	47	756	09:02:01	16-Dec-2011
34	24.68	-2	48	756	09:07:01	16-Dec-2011
35	48.76	-2.1	49	756	09:12:01	16-Dec-2011
36	24.09	-2.2	49	756	09:17:01	16-Dec-2011
37	11.22	-2.2	49	756	09:22:01	16-Dec-2011
38	20.66	-2.3	50	756	09:27:01	16-Dec-2011
39	9.63	-2.4	50	756	09:32:01	16-Dec-2011
40	44.07	-2.4	50	756	09:37:01	16-Dec-2011
41	21.75	-2.5	51	756	09:42:01	16-Dec-2011
42	8.47	-2.5	51	756	09:47:01	16-Dec-2011
43	21.82	-2.5	51	756	09:52:01	16-Dec-2011
44	10.55	-2.5	51	756	09:57:01	16-Dec-2011
45	9.81	-2.5	51	756	10:02:01	16-Dec-2011
46	40.35	-2.5	51	756	10:07:01	16-Dec-2011
47	15.93	-2.4	51	756	10:12:01	16-Dec-2011
48	10.35	-2.4	51	756	10:17:01	16-Dec-2011
49	9.34	-2.4	51	756	10:22:01	16-Dec-2011
	5 8.82	-2.3	52	756	0	16-Dec-2011
53	14.93	-2.3	52	756	10:32:01	16-Dec-2011
54	29.41	-2.3	52	756	10:37:01	16-Dec-2011
55	21.67	-2.2	52	756	10:42:01	16-Dec-2011
56	9.33	-2.2	52	756	10:47:01	16-Dec-2011
57	19.43	-2.2	52	756	10:52:01	16-Dec-2011
58	17.94	-2.1	53	756	10:57:01	16-Dec-2011
59	15.15	-2.1	52	756	11:02:01	16-Dec-2011
60	26.32	-2	53	756	11:07:01	16-Dec-2011
61	26.02	-1.9	53	756	11:12:01	16-Dec-2011
62	104.28	-1.8	52	758	11:17:01	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
63	12.49	-1.7	52	756	11:22:01	16-Dec-2011
64	13.26	-1.6	51	758	11:27:01	16-Dec-2011
65	522.1	-1.6	52	758	11:32:01	16-Dec-2011
66	115.41	-1.5	52	758	11:37:01	16-Dec-2011
67	52.14	-1.5	51	758	11:42:01	16-Dec-2011
68	19.66	-1.5	52	758	11:47:01	16-Dec-2011
69	19.38	-1.5	52	756	11:52:01	16-Dec-2011
70	83.87	-1.5	52	758	11:57:01	16-Dec-2011
71	218.87	-1.5	52	756	12:02:01	16-Dec-2011
72	16.34	-1.5	52	756	12:07:01	16-Dec-2011
73	10.64	-1.5	52	756	12:12:01	16-Dec-2011
74	11.56	-1.5	52	756	12:17:01	16-Dec-2011
75	28.43	-1.5	52	756	12:22:01	16-Dec-2011
76	10	-1.5	52	756	12:27:01	16-Dec-2011
77	37.69	-1.6	52	756	12:32:01	16-Dec-2011
78	16.76	-1.6	53	756	12:37:01	16-Dec-2011
79	21.6	-1.7	53	756	12:42:01	16-Dec-2011
80	25.33	-1.8	54	756	12:47:01	16-Dec-2011
81	63.3	-1.8	54	756	12:52:01	16-Dec-2011
82	24.13	-1.8	54	756	12:57:01	16-Dec-2011
83	21.13	-1.8	54	756	13:02:01	16-Dec-2011
84	18.97	-1.8	54	756	13:07:01	16-Dec-2011
85	108.53	-1.8	55	756	13:12:01	16-Dec-2011
86	26.15	-1.8	55	756	13:17:01	16-Dec-2011
87	30.12	-1.7	55	756	13:22:01	16-Dec-2011
88	36.98	-1.7	55	756	13:27:01	16-Dec-2011
89	16.64	-1.7	55	756	13:32:01	16-Dec-2011
90	45.27	-1.7	55	756	13:37:01	16-Dec-2011
91	21.66	-1.7	54	756	13:42:01	16-Dec-2011
92	78.36	-1.8	55	756	13:47:01	16-Dec-2011
93	27.46	-1.8	54	756	13:52:01	16-Dec-2011
94	18.54	-1.8	54	756	13:57:01	16-Dec-2011
95	25.95	-1.9	55	756	14:02:01	16-Dec-2011
96	33.39	-1.9	55	756	14:07:01	16-Dec-2011
97	39.48	-1.9	54	756	14:12:01	16-Dec-2011
98	21.42	-1.9	54	756	14:17:01	16-Dec-2011
99	37.96	-2	54	756	14:22:01	16-Dec-2011
100	494.24	-2	54	756	14:27:01	16-Dec-2011
101	40.03	-2	54	756	14:32:01	16-Dec-2011
102	26.76	-2	54	756	14:37:01	16-Dec-2011
103	51.79	-2.1	55	756	14:42:01	16-Dec-2011
104	68.93	-2.1	55	756	14:47:01	16-Dec-2011
105	50.19	-2.1	55	756	14:52:01	16-Dec-2011
106	59.65	-2.2	54	756	14:57:01	16-Dec-2011
107	47.88	-2.2	54	756	15:02:01	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
108	42.39	-2.2	55	756	15:07:01	16-Dec-2011
109	18.06	-2.3	55	756	15:12:01	16-Dec-2011
110	93.68	-2.3	55	756	15:17:01	16-Dec-2011
111	20.03	-2.4	55	756	15:22:01	16-Dec-2011
112	51.61	-2.4	55	756	15:27:01	16-Dec-2011
113	20.67	-2.4	55	756	15:32:01	16-Dec-2011
114	18.28	-2.5	55	756	15:37:01	16-Dec-2011
115	18.72	-2.5	55	756	15:42:01	16-Dec-2011
116	10.51	-2.6	55	756	15:47:01	16-Dec-2011
117	10.6	-2.6	56	756	15:52:01	16-Dec-2011
118	10.76	-2.7	56	756	15:57:01	16-Dec-2011
1	28.4	15.8	30	746	06:52:52	19-Dec-2011
2	21.93	14.4	29	746	06:57:52	19-Dec-2011
3	17.77	13.3	31	746	07:02:52	19-Dec-2011
4	29.97	12.3	33	746	07:07:52	19-Dec-2011
5	23.26	11.4	34	746	07:12:52	19-Dec-2011
6	19.85	10.7	36	746	07:17:52	19-Dec-2011
7	20.35	10	38	746	07:22:52	19-Dec-2011
8	23.06	9.3	39	746	07:27:52	19-Dec-2011
9	22.93	8.8	40	746	07:32:52	19-Dec-2011
10	61.32	8.3	42	746	07:37:52	19-Dec-2011
11	19.13	7.8	43	746	07:42:52	19-Dec-2011
12	19.35	7.4	44	746	07:47:52	19-Dec-2011
13	20.47	7.1	45	746	07:52:52	19-Dec-2011
14	27.14	6.7	46	746	07:57:52	19-Dec-2011
15	20.33	6.2	48	746	08:02:52	19-Dec-2011
16	25.84	5.8	49	746	08:07:52	19-Dec-2011
17	22.81	5.6	50	746	08:12:52	19-Dec-2011
18	34.67	5.4	51	746	08:17:52	19-Dec-2011
19	26.79	5.2	52	746	08:22:52	19-Dec-2011
20	33.88	5	52	746	08:27:52	19-Dec-2011
21	20.08	4.8	53	746	08:32:52	19-Dec-2011
22	25.96	4.7	54	746	08:37:52	19-Dec-2011
23	23.66	4.6	55	746	08:42:52	19-Dec-2011
24	46.7	4.4	55	746	08:47:52	19-Dec-2011
25	25.09	4.4	56	746	08:52:52	19-Dec-2011
26	30.15	4.3	56	746	08:57:52	19-Dec-2011
27	20.52	4.2	57	746	09:02:52	19-Dec-2011
28	31.26	4.2	57	746	09:07:52	19-Dec-2011
29	49.56	4.1	58	746	09:12:52	19-Dec-2011
30	32.22	4	58	746	09:17:52	19-Dec-2011
31	49.04	4	59	746	09:22:52	19-Dec-2011
32	49.36	4	59	746	09:27:52	19-Dec-2011
33	57.45	4	59	746	09:32:52	19-Dec-2011
34	76.2	4	59	746	09:37:52	19-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
35	53.37	4	60	746	09:42:52	19-Dec-2011
36	108.82	4	60	746	09:47:52	19-Dec-2011
37	40.14	4	60	746	09:52:52	19-Dec-2011
38	63.89	4.1	60	748	09:57:52	19-Dec-2011
39	30.65	4.1	60	746	10:02:52	19-Dec-2011
40	35.54	4.1	60	746	10:07:52	19-Dec-2011
41	77.08	4.2	61	748	10:12:52	19-Dec-2011
42	42.6	4.2	61	748	10:17:52	19-Dec-2011
43	77.43	4.2	61	746	10:22:52	19-Dec-2011
44	42.04	4.2	62	746	10:27:52	19-Dec-2011
45	32.59	4.2	62	748	10:32:52	19-Dec-2011
46	27.72	4.3	62	748	10:37:52	19-Dec-2011
47	32.27	4.3	62	748	10:42:52	19-Dec-2011
48	23.48	4.3	62	748	10:47:52	19-Dec-2011
49	26.13	4.3	62	748	10:52:52	19-Dec-2011
50	32.1	4.4	62	748	10:57:52	19-Dec-2011
51	85.54	4.4	62	748	11:02:52	19-Dec-2011
52	39.12	4.5	62	748	11:07:52	19-Dec-2011
53	40.31	4.5	62	748	11:12:52	19-Dec-2011
54	33.32	4.5	62	748	11:17:52	19-Dec-2011
55	40.52	4.5	62	748	11:22:52	19-Dec-2011
56	39.66	4.6	62	748	11:27:52	19-Dec-2011
57	45.6	4.6	62	748	11:32:52	19-Dec-2011
58	96.36	4.7	62	748	11:37:52	19-Dec-2011
59	25.57	4.8	62	748	11:42:52	19-Dec-2011
60	71.1	4.8	62	748	11:47:52	19-Dec-2011
61	45.27	4.9	62	746	11:52:52	19-Dec-2011
62	36.59	4.9	62	746	11:57:52	19-Dec-2011
63	67.45	5	62	746	12:02:52	19-Dec-2011
64	94.64	5.1	62	746	12:07:52	19-Dec-2011
65	67.11	5.1	62	746	12:12:52	19-Dec-2011
66	22.17	5.2	61	746	12:17:52	19-Dec-2011
67	17.73	5.3	61	746	12:22:52	19-Dec-2011
68	26.13	5.4	61	746	12:27:52	19-Dec-2011
69	19.84	5.5	61	746	12:32:52	19-Dec-2011
70	20.92	5.5	61	746	12:37:52	19-Dec-2011
71	128.53	5.7	61	746	12:42:52	19-Dec-2011
72	60.98	5.8	61	746	12:47:52	19-Dec-2011
73	38.09	5.9	61	746	12:52:52	19-Dec-2011
74	50.69	6	60	746	12:57:52	19-Dec-2011
75	23.14	6.1	60	746	13:02:52	19-Dec-2011
76	24.17	6.2	60	746	13:07:52	19-Dec-2011
77	27.51	6.3	60	746	13:12:52	19-Dec-2011
78	22.24	6.4	59	746	13:17:52	19-Dec-2011
79	26.49	6.5	59	746	13:22:52	19-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
80	33.1	6.6	59	746	13:27:52	19-Dec-2011
81	24	6.7	58	746	13:32:52	19-Dec-2011
82	87.25	6.9	58	746	13:37:52	19-Dec-2011
83	22.31	7	58	746	13:42:52	19-Dec-2011
84	17.31	7.2	58	746	13:47:52	19-Dec-2011
85	28.43	7.3	58	746	13:52:52	19-Dec-2011
86	19.26	7.4	58	746	13:57:52	19-Dec-2011
87	28.68	7.4	57	746	14:02:52	19-Dec-2011
88	28.58	7.5	57	746	14:07:52	19-Dec-2011
89	33.48	7.5	57	746	14:12:52	19-Dec-2011
90	33.35	7.6	58	746	14:17:52	19-Dec-2011
91	45.97	7.6	58	746	14:22:52	19-Dec-2011
92	48.12	7.7	59	746	14:27:52	19-Dec-2011
93	18.16	7.8	58	746	14:32:52	19-Dec-2011
94	16.56	7.9	56	746	14:37:52	19-Dec-2011
95	15.57	8	56	746	14:42:52	19-Dec-2011
96	28.33	8.1	55	746	14:47:52	19-Dec-2011
97	22.56	8.2	54	746	14:52:52	19-Dec-2011
98	16.91	8.2	54	746	14:57:52	19-Dec-2011
99	62.32	8.3	54	746	15:02:52	19-Dec-2011
100	31.3	8.3	54	746	15:07:52	19-Dec-2011
101	17.84	8.3	54	746	15:12:52	19-Dec-2011
102	41.61	8.3	54	746	15:17:52	19-Dec-2011
103	18.45	8.2	54	746	15:22:52	19-Dec-2011
104	18.97	8.2	54	748	15:27:52	19-Dec-2011
105	23.54	8.2	54	748	15:32:52	19-Dec-2011
106	19.87	8.1	54	748	15:37:52	19-Dec-2011
107	41.66	8.1	54	748	15:42:52	19-Dec-2011
108	19.17	8	55	748	15:47:52	19-Dec-2011
109	18.91	8	55	748	15:52:52	19-Dec-2011
110	20.08	7.9	56	748	15:57:52	19-Dec-2011
111	22.02	7.9	55	748	16:02:52	19-Dec-2011
112	24.87	7.9	56	748	16:07:52	19-Dec-2011
1	18.04	18.5	24	754	06:22:30	20-Dec-2011
2	8.27	17.5	18	754	06:27:30	20-Dec-2011
3	6.03	16.4	18	754	06:32:30	20-Dec-2011
4	4.9	15.2	19	754	06:37:30	20-Dec-2011
5	4.5	13.9	20	754	06:42:30	20-Dec-2011
6	3.77	12.7	22	754	06:47:30	20-Dec-2011
7	3.6	11.6	23	754	06:52:30	20-Dec-2011
8	4.26	10.5	25	754	06:57:30	20-Dec-2011
9	4.45	9.4	26	754	07:02:30	20-Dec-2011
10	4.05	8.4	28	754	07:07:30	20-Dec-2011
11	6.16	7.5	29	754	07:12:30	20-Dec-2011
12	4.87	6.7	31	754	07:17:30	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
13	8.05	6	32	754	07:22:30	20-Dec-2011
14	5.72	5.3	34	754	07:27:30	20-Dec-2011
15	5.49	4.7	35	754	07:32:30	20-Dec-2011
16	27.52	4.2	37	754	07:37:30	20-Dec-2011
17	6.25	3.7	38	754	07:42:30	20-Dec-2011
18	6.95	3.3	39	754	07:47:30	20-Dec-2011
19	6.15	2.9	40	754	07:52:30	20-Dec-2011
20	6.57	2.5	41	754	07:57:30	20-Dec-2011
21	7.79	2.2	42	754	08:02:30	20-Dec-2011
22	7.1	1.9	43	754	08:07:30	20-Dec-2011
23	6.32	1.5	44	754	08:12:30	20-Dec-2011
24	7.28	1.2	45	754	08:17:30	20-Dec-2011
25	6.58	1	46	754	08:22:30	20-Dec-2011
26	6.86	0.8	47	754	08:27:30	20-Dec-2011
27	7.51	0.6	48	754	08:32:30	20-Dec-2011
28	7.09	0.4	48	754	08:37:30	20-Dec-2011
29	7.45	0.3	49	754	08:42:30	20-Dec-2011
30	7.44	0.1	50	754	08:47:30	20-Dec-2011
31	7.43	0	50	754	08:52:30	20-Dec-2011
32	7.81	-0.1	50	754	08:57:30	20-Dec-2011
33	10.69	-0.2	51	754	09:02:30	20-Dec-2011
34	10.84	-0.3	52	754	09:07:30	20-Dec-2011
35	9.12	-0.4	52	754	09:12:30	20-Dec-2011
36	8.26	-0.5	53	754	09:17:30	20-Dec-2011
37	9.81	-0.6	53	754	09:22:30	20-Dec-2011
38	7.56	-0.6	53	754	09:27:30	20-Dec-2011
39	8.19	-0.7	53	754	09:32:30	20-Dec-2011
40	7.99	-0.8	54	754	09:37:30	20-Dec-2011
41	6.47	-0.8	54	754	09:42:30	20-Dec-2011
42	6.01	-0.9	55	754	09:47:30	20-Dec-2011
43	5.96	-0.9	56	754	09:52:30	20-Dec-2011
44	6.62	-1	56	754	09:57:30	20-Dec-2011
45	5.77	-1.1	56	754	10:02:30	20-Dec-2011
46	5.1	-1.1	56	754	10:07:30	20-Dec-2011
47	5.4	-1.2	57	754	10:12:30	20-Dec-2011
48	5.51	-1.2	58	754	10:17:30	20-Dec-2011
49	5.57	-1.2	59	754	10:22:30	20-Dec-2011
50	4.21	-1.3	58	754	10:27:30	20-Dec-2011
51	4.43	-1.4	59	754	10:32:30	20-Dec-2011
52	5.54	-1.4	59	754	10:37:30	20-Dec-2011
53	4.72	-1.5	58	754	10:42:30	20-Dec-2011
54	4.54	-1.5	58	754	10:47:30	20-Dec-2011
55	4.42	-1.5	58	754	10:52:30	20-Dec-2011
56	5.21	-1.6	58	754	10:57:30	20-Dec-2011
57	5.28	-1.6	59	754	11:02:30	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
58	4.19	-1.7	60	754	11:07:30	20-Dec-2011
59	4.94	-1.7	60	754	11:12:30	20-Dec-2011
60	4.06	-1.7	58	754	11:17:30	20-Dec-2011
61	4.26	-1.7	58	754	11:22:30	20-Dec-2011
62	5.05	-1.8	58	754	11:27:30	20-Dec-2011
63	6.47	-1.8	59	754	11:32:30	20-Dec-2011
64	7.62	-1.8	60	754	11:37:30	20-Dec-2011
65	4.7	-1.8	61	752	11:42:30	20-Dec-2011
66	4.62	-1.8	60	752	11:47:30	20-Dec-2011
67	5.12	-1.8	60	752	11:52:30	20-Dec-2011
68	5.25	-1.7	60	752	11:57:30	20-Dec-2011
69	5.3	-1.7	60	752	12:02:30	20-Dec-2011
70	5.63	-1.7	60	752	12:07:30	20-Dec-2011
71	5	-1.6	59	752	12:12:30	20-Dec-2011
72	5.08	-1.6	59	752	12:17:30	20-Dec-2011
73	4.66	-1.6	58	752	12:22:30	20-Dec-2011
74	4.61	-1.6	57	752	12:27:30	20-Dec-2011
75	4.83	-1.6	57	752	12:32:30	20-Dec-2011
76	4.76	-1.6	57	752	12:37:30	20-Dec-2011
77	5.6	-1.6	56	752	12:42:30	20-Dec-2011
78	5.48	-1.6	56	752	12:47:30	20-Dec-2011
79	5.84	-1.7	56	752	12:52:30	20-Dec-2011
80	4.83	-1.6	56	752	12:57:30	20-Dec-2011
81	4.95	-1.6	56	752	13:02:30	20-Dec-2011
82	7.57	-1.6	57	752	13:07:30	20-Dec-2011
83	5.24	-1.6	56	752	13:12:30	20-Dec-2011
84	8.61	-1.6	57	752	13:17:30	20-Dec-2011
85	5.06	-1.6	57	752	13:22:30	20-Dec-2011
86	5.51	-1.6	57	752	13:27:30	20-Dec-2011
87	5	-1.6	58	752	13:32:30	20-Dec-2011
88	6.04	-1.6	58	752	13:37:30	20-Dec-2011
89	5.9	-1.6	58	752	13:42:30	20-Dec-2011
90	5.61	-1.5	59	750	13:47:30	20-Dec-2011
91	5.08	-1.5	59	750	13:52:30	20-Dec-2011
92	5.8	-1.5	60	750	13:57:30	20-Dec-2011
93	6.37	-1.4	60	750	14:02:30	20-Dec-2011
94	6.96	-1.4	61	750	14:07:30	20-Dec-2011
95	15.91	-1.3	61	750	14:12:30	20-Dec-2011
96	5.85	-1.3	61	750	14:17:30	20-Dec-2011
97	5.8	-1.2	61	750	14:22:30	20-Dec-2011
98	5.74	-1.2	62	750	14:27:30	20-Dec-2011
99	6.32	-1.2	62	750	14:32:30	20-Dec-2011
100	11.33	-1.1	62	750	14:37:30	20-Dec-2011
101	8.34	-1.1	62	750	14:42:30	20-Dec-2011
102	7.2	-1.1	62	750	14:47:30	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 522.1 ug/m3
Serial no. **115248001** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #1**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
103	6.89	-1	63	750	14:52:30	20-Dec-2011
104	6.43	-1	63	750	14:57:30	20-Dec-2011
105	6.56	-1	63	750	15:02:30	20-Dec-2011
106	6.59	-1	64	750	15:07:30	20-Dec-2011
107	6.7	-1	64	750	15:12:30	20-Dec-2011
108	6.8	-1.1	64	750	15:17:30	20-Dec-2011
109	6.85	-1.1	65	750	15:22:30	20-Dec-2011
110	8.35	-1.1	65	750	15:27:30	20-Dec-2011
111	6.3	-1.1	66	750	15:32:30	20-Dec-2011
112	7.11	-1.1	66	750	15:37:30	20-Dec-2011
113	6.8	-1.2	66	750	15:42:30	20-Dec-2011
114	7.13	-1.2	67	750	15:47:30	20-Dec-2011
115	6.95	-1.2	67	750	15:52:30	20-Dec-2011
116	9.03	-1.2	67	750	15:57:30	20-Dec-2011
117	7.97	-1.2	68	750	16:02:30	20-Dec-2011
118	8.18	-1.3	68	750	16:07:30	20-Dec-2011
119	7.66	-1.3	68	750	16:12:30	20-Dec-2011
120	8.71	-1.3	67	750	16:17:30	20-Dec-2011
121	8.72	-1.3	67	750	16:22:30	20-Dec-2011
122	8.6	-1.4	67	750	16:27:30	20-Dec-2011
123	10.26	-1.4	67	750	16:32:30	20-Dec-2011
124	10.37	-1.4	67	750	16:37:30	20-Dec-2011
125	9.84	-1.5	67	750	16:42:30	20-Dec-2011
126	9.22	-1.5	67	750	16:47:30	20-Dec-2011
127	8.97	-1.5	68	750	16:52:30	20-Dec-2011
128	9.56	-1.6	68	750	16:57:30	20-Dec-2011
129	8.78	-1.6	68	750	17:02:30	20-Dec-2011
130	8.63	-1.6	68	750	17:07:30	20-Dec-2011
131	8.15	-1.7	69	750	17:12:30	20-Dec-2011
132	8.32	-1.7	70	750	17:17:30	20-Dec-2011

TSP Perimeter Air Monitoring results – Unit 2

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
1	19.75	3.2	55	746	10:03:37	10-Nov-2011
2	19.16	3.2	57	746	10:08:37	10-Nov-2011
3	19.31	3.2	58	744	10:13:37	10-Nov-2011
4	19.26	3.3	58	744	10:18:37	10-Nov-2011
5	21.75	3.4	58	744	10:23:37	10-Nov-2011
6	20.38	3.5	57	744	10:28:37	10-Nov-2011
7	20.23	3.6	57	744	10:33:37	10-Nov-2011
8	20.37	3.7	57	744	10:38:37	10-Nov-2011
9	19.88	3.8	57	744	10:43:37	10-Nov-2011
10	20.86	3.9	57	744	10:48:37	10-Nov-2011
11	21.87	4	56	744	10:53:37	10-Nov-2011
12	22.54	4	56	744	10:58:37	10-Nov-2011
13	23.65	3.9	56	744	11:03:37	10-Nov-2011
14	24.24	3.9	57	744	11:08:37	10-Nov-2011
15	24.04	3.9	55	744	11:13:37	10-Nov-2011
16	24.8	3.8	56	744	11:18:37	10-Nov-2011
17	24.23	3.8	56	744	11:23:37	10-Nov-2011
18	23.38	3.8	56	744	11:28:37	10-Nov-2011
19	24.89	3.8	54	744	11:33:37	10-Nov-2011
20	24.87	3.8	54	744	11:38:37	10-Nov-2011
21	25.01	3.8	55	744	11:43:37	10-Nov-2011
22	23.85	3.8	54	744	11:48:37	10-Nov-2011
23	23.73	3.8	53	744	11:53:37	10-Nov-2011
24	22.55	3.7	52	744	11:58:37	10-Nov-2011
25	21.44	3.7	52	744	12:03:37	10-Nov-2011
26	20.35	3.7	52	744	12:08:37	10-Nov-2011
27	20.26	3.7	51	744	12:13:37	10-Nov-2011
28	19.4	3.6	50	744	12:18:37	10-Nov-2011
29	18.52	3.6	48	744	12:23:37	10-Nov-2011
30	18.64	3.5	48	744	12:28:37	10-Nov-2011
31	18.39	3.5	48	744	12:33:37	10-Nov-2011
32	18.99	3.5	48	744	12:38:37	10-Nov-2011
33	18.82	3.5	47	744	12:43:37	10-Nov-2011
34	17.98	3.5	46	744	12:48:37	10-Nov-2011
35	17.63	3.5	45	744	12:53:37	10-Nov-2011
36	18.26	3.4	45	744	12:58:37	10-Nov-2011
37	17.51	3.4	45	744	13:03:37	10-Nov-2011
38	16.97	3.4	45	744	13:08:37	10-Nov-2011
39	18.46	3.4	45	744	13:13:37	10-Nov-2011
40	17.65	3.4	46	744	13:18:37	10-Nov-2011
41	16.96	3.5	46	744	13:23:37	10-Nov-2011
42	14.19	3.5	44	744	13:28:37	10-Nov-2011
43	13.42	3.5	43	744	13:33:37	10-Nov-2011
44	14.3	3.6	44	744	13:38:37	10-Nov-2011
45	14.42	3.7	44	744	13:43:37	10-Nov-2011
46	14.04	3.7	44	744	13:48:37	10-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
47	13.7	3.8	44	744	13:53:37	10-Nov-2011
48	12.3	3.9	43	744	13:58:37	10-Nov-2011
49	12.29	3.9	42	744	14:03:37	10-Nov-2011
50	11.94	4	42	744	14:08:37	10-Nov-2011
51	11.46	4	42	744	14:13:37	10-Nov-2011
52	11.36	4.1	41	744	14:18:37	10-Nov-2011
53	10.21	4.2	40	744	14:23:37	10-Nov-2011
54	10.52	4.4	39	744	14:28:37	10-Nov-2011
55	9.39	4.5	38	744	14:33:37	10-Nov-2011
56	9.54	4.5	38	744	14:38:37	10-Nov-2011
57	10.32	4.5	37	744	14:43:37	10-Nov-2011
58	10.63	4.5	37	744	14:48:37	10-Nov-2011
59	8.93	4.4	36	744	14:53:37	10-Nov-2011
60	8.85	4.4	36	744	14:58:37	10-Nov-2011
61	9.52	4.3	36	744	15:03:37	10-Nov-2011
62	8.57	4.4	36	744	15:08:37	10-Nov-2011
63	8.41	4.4	35	744	15:13:37	10-Nov-2011
1	5.52	15	29	746	07:45:48	11-Nov-2011
2	5.42	13.6	29	746	07:50:48	11-Nov-2011
3	5.54	12.3	30	746	07:55:48	11-Nov-2011
4	5.91	11.1	32	746	08:00:48	11-Nov-2011
5	6.11	10	35	746	08:05:48	11-Nov-2011
6	6.41	9	37	746	08:10:48	11-Nov-2011
7	6.67	8	39	746	08:15:48	11-Nov-2011
8	6.82	7.2	41	746	08:20:48	11-Nov-2011
9	6.85	6.4	44	746	08:25:48	11-Nov-2011
10	6.87	5.8	45	746	08:30:48	11-Nov-2011
11	8.32	5.1	48	746	08:35:48	11-Nov-2011
12	6.95	4.4	50	746	08:40:48	11-Nov-2011
13	6.92	3.8	52	746	08:45:48	11-Nov-2011
14	6.81	3.4	54	746	08:50:48	11-Nov-2011
15	6.72	3	55	746	08:55:48	11-Nov-2011
16	6.77	2.7	57	746	09:00:48	11-Nov-2011
17	6.71	2.4	58	746	09:05:48	11-Nov-2011
18	6.74	2.2	59	746	09:10:48	11-Nov-2011
19	6.51	2.1	60	746	09:15:48	11-Nov-2011
20	6.57	2	61	746	09:20:48	11-Nov-2011
21	6.49	1.9	62	746	09:25:48	11-Nov-2011
22	6.35	1.8	62	746	09:30:48	11-Nov-2011
23	6.2	1.7	63	746	09:35:48	11-Nov-2011
24	6.05	1.6	63	746	09:40:48	11-Nov-2011
25	6.13	1.6	63	746	09:45:48	11-Nov-2011
26	6.16	1.6	64	746	09:50:48	11-Nov-2011
27	6.23	1.6	63	746	09:55:48	11-Nov-2011
28	6.21	1.6	63	746	10:00:48	11-Nov-2011
29	6.29	1.6	63	746	10:05:48	11-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
30	6.44	1.6	63	746	10:10:48	11-Nov-2011
31	6.72	1.6	62	746	10:15:48	11-Nov-2011
32	6.73	1.6	62	746	10:20:48	11-Nov-2011
33	6.6	1.6	62	746	10:25:48	11-Nov-2011
34	6.56	1.7	62	746	10:30:48	11-Nov-2011
35	6.02	1.7	61	746	10:35:48	11-Nov-2011
36	6.14	1.7	60	746	10:40:48	11-Nov-2011
37	6.02	1.7	61	746	10:45:48	11-Nov-2011
38	6	1.8	60	746	10:50:48	11-Nov-2011
39	6.4	1.8	59	746	10:55:48	11-Nov-2011
40	6.83	1.9	59	746	11:00:48	11-Nov-2011
41	6.49	1.9	58	746	11:05:48	11-Nov-2011
42	6.3	2	58	746	11:10:48	11-Nov-2011
43	6.72	2	57	746	11:15:48	11-Nov-2011
44	6.83	2	57	746	11:20:48	11-Nov-2011
45	10.9	2	55	746	11:25:48	11-Nov-2011
46	6.58	2	55	746	11:30:48	11-Nov-2011
47	6.65	2	54	746	11:35:48	11-Nov-2011
48	6.59	2.1	54	746	11:40:48	11-Nov-2011
49	6.88	2.1	54	746	11:45:48	11-Nov-2011
50	6.41	2.1	51	746	11:50:48	11-Nov-2011
51	6.56	2.2	51	746	11:55:48	11-Nov-2011
52	6.57	2.3	51	746	12:00:48	11-Nov-2011
53	6.9	2.3	50	746	12:05:48	11-Nov-2011
54	6.66	2.4	50	746	12:10:48	11-Nov-2011
55	6.28	2.5	50	746	12:15:48	11-Nov-2011
56	6.45	2.5	50	746	12:20:48	11-Nov-2011
57	6.33	2.6	50	746	12:25:48	11-Nov-2011
58	6.34	2.6	49	746	12:30:48	11-Nov-2011
59	6.73	2.7	49	746	12:35:48	11-Nov-2011
60	6.39	2.8	49	746	12:40:48	11-Nov-2011
61	6.29	2.8	49	746	12:45:48	11-Nov-2011
62	6.41	2.8	49	746	12:50:48	11-Nov-2011
63	7.12	2.8	50	746	12:55:48	11-Nov-2011
64	6.84	2.8	50	746	13:00:48	11-Nov-2011
65	7	2.8	49	746	13:05:48	11-Nov-2011
66	7.14	2.8	50	746	13:10:48	11-Nov-2011
67	6.8	2.8	48	746	13:15:48	11-Nov-2011
68	6.77	2.8	46	746	13:20:48	11-Nov-2011
69	6.82	2.8	46	746	13:25:48	11-Nov-2011
70	6.58	2.8	46	746	13:30:48	11-Nov-2011
71	6.6	2.8	45	746	13:35:48	11-Nov-2011
72	6.91	2.8	46	746	13:40:48	11-Nov-2011
73	7.81	2.8	48	746	13:45:48	11-Nov-2011
74	9.05	2.8	50	746	13:50:48	11-Nov-2011
75	9.6	2.9	50	746	13:55:48	11-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
76	10.37	2.8	52	746	14:00:48	11-Nov-2011
77	10.64	2.8	52	746	14:05:48	11-Nov-2011
78	10.69	2.8	52	746	14:10:48	11-Nov-2011
79	10.34	2.8	53	746	14:15:48	11-Nov-2011
80	10	2.7	53	746	14:20:48	11-Nov-2011
81	9.66	2.7	52	746	14:25:48	11-Nov-2011
82	9.31	2.7	52	746	14:30:48	11-Nov-2011
83	9.04	2.7	51	746	14:35:48	11-Nov-2011
84	9.02	2.7	50	746	14:40:48	11-Nov-2011
85	8.98	2.6	51	746	14:45:48	11-Nov-2011
86	9.21	2.6	50	746	14:50:48	11-Nov-2011
87	9.66	2.6	51	746	14:55:48	11-Nov-2011
88	9.46	2.6	51	746	15:00:48	11-Nov-2011
89	9.24	2.6	50	746	15:05:48	11-Nov-2011
90	9.19	2.6	48	746	15:10:48	11-Nov-2011
1	8.81	17.6	38	744	07:46:28	16-Nov-2011
2	6.38	16.9	36	744	07:51:28	16-Nov-2011
3	5.63	16.2	36	744	07:56:28	16-Nov-2011
4	5.67	15.4	37	744	08:01:28	16-Nov-2011
5	5.57	14.7	38	744	08:06:28	16-Nov-2011
6	5.27	14.1	39	744	08:11:28	16-Nov-2011
7	10.84	13.4	40	744	08:16:28	16-Nov-2011
8	4.66	12.8	40	744	08:21:28	16-Nov-2011
9	12.13	12.2	41	744	08:26:28	16-Nov-2011
10	13.65	11.7	42	744	08:31:28	16-Nov-2011
11	5.2	11.1	42	744	08:36:28	16-Nov-2011
12	11.09	10.6	44	744	08:41:28	16-Nov-2011
13	23.73	10.2	45	744	08:46:28	16-Nov-2011
14	23.68	9.8	45	744	08:51:28	16-Nov-2011
15	24.65	9.4	46	744	08:56:28	16-Nov-2011
16	13.32	9.1	46	744	09:01:28	16-Nov-2011
17	21.33	8.8	47	744	09:06:28	16-Nov-2011
18	9.76	8.5	47	744	09:11:28	16-Nov-2011
19	-0.03	8.3	47	744	09:16:28	16-Nov-2011
20	4.63	8.1	47	744	09:21:28	16-Nov-2011
21	3.51	7.9	47	744	09:26:28	16-Nov-2011
22	19.11	7.7	47	744	09:31:28	16-Nov-2011
23	12.21	7.5	47	744	09:36:28	16-Nov-2011
24	5.68	7.3	47	744	09:41:28	16-Nov-2011
25	-1.13	7.2	48	744	09:46:28	16-Nov-2011
26	1.55	7.1	48	744	09:51:28	16-Nov-2011
27	1.11	6.9	49	744	09:56:28	16-Nov-2011
28	2.05	6.8	49	744	10:01:28	16-Nov-2011
29	12.82	6.7	49	744	10:06:28	16-Nov-2011
30	5.44	6.7	50	744	10:11:28	16-Nov-2011
31	7.27	6.6	49	744	10:16:28	16-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
32	-2.27	6.5	49	744	10:21:28	16-Nov-2011
33	0.58	6.4	49	744	10:26:28	16-Nov-2011
34	-1.26	6.4	49	744	10:31:28	16-Nov-2011
35	-2.59	6.3	48	744	10:36:28	16-Nov-2011
36	-3.28	6.2	47	744	10:41:28	16-Nov-2011
37	-3.12	6.1	47	744	10:46:28	16-Nov-2011
38	-2.65	6	46	744	10:51:28	16-Nov-2011
39	-2.07	6	46	744	10:56:28	16-Nov-2011
40	-1.15	5.9	45	744	11:01:28	16-Nov-2011
41	4.08	5.9	44	744	11:06:28	16-Nov-2011
42	-1.23	5.8	42	744	11:11:28	16-Nov-2011
43	13.1	5.8	41	744	11:16:28	16-Nov-2011
44	4.05	5.7	41	744	11:21:28	16-Nov-2011
45	0.08	5.7	42	744	11:26:28	16-Nov-2011
46	12.67	5.7	42	744	11:31:28	16-Nov-2011
47	13.55	5.6	42	744	11:36:28	16-Nov-2011
48	27.23	5.6	42	744	11:41:28	16-Nov-2011
49	3.22	5.6	42	744	11:46:28	16-Nov-2011
50	61.11	5.6	43	744	11:51:28	16-Nov-2011
51	19.08	5.6	43	744	11:56:28	16-Nov-2011
52	0.48	5.7	42	744	12:01:28	16-Nov-2011
53	-4.06	5.7	41	744	12:06:28	16-Nov-2011
54	-4.82	5.8	42	744	12:11:28	16-Nov-2011
55	3.33	5.8	40	744	12:16:28	16-Nov-2011
56	-2.52	5.8	39	744	12:21:28	16-Nov-2011
57	-4.01	5.9	37	744	12:26:28	16-Nov-2011
58	-5.11	5.9	36	744	12:31:28	16-Nov-2011
59	-5.58	5.9	36	744	12:36:28	16-Nov-2011
60	-4.85	6	35	744	12:41:28	16-Nov-2011
61	7.17	6	32	744	12:46:28	16-Nov-2011
62	-5.08	6	32	744	12:51:28	16-Nov-2011
63	1.18	6	30	744	12:56:28	16-Nov-2011
64	4.29	6.1	30	744	13:01:28	16-Nov-2011
65	5.03	6.1	30	744	13:06:28	16-Nov-2011
66	-1.92	6.1	30	744	13:11:28	16-Nov-2011
67	0.43	6.1	31	744	13:16:28	16-Nov-2011
68	-4.03	6.2	31	744	13:21:28	16-Nov-2011
69	19.04	6.2	31	744	13:26:28	16-Nov-2011
70	14.25	6.2	32	744	13:31:28	16-Nov-2011
71	9.98	6.2	32	744	13:36:28	16-Nov-2011
72	22.74	6.2	31	744	13:41:28	16-Nov-2011
73	0.37	6.2	30	744	13:46:28	16-Nov-2011
74	-4.94	6.3	30	744	13:51:28	16-Nov-2011
75	-6.71	6.3	29	744	13:56:28	16-Nov-2011
76	-3.19	6.3	28	744	14:01:28	16-Nov-2011
77	-6.56	6.3	28	744	14:06:28	16-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
78	-5.64	6.3	29	744	14:11:28	16-Nov-2011
79	-4.83	6.4	28	744	14:16:28	16-Nov-2011
80	-5.74	6.4	28	744	14:21:28	16-Nov-2011
81	-6.82	6.4	29	744	14:26:28	16-Nov-2011
82	-6.66	6.4	29	744	14:31:28	16-Nov-2011
83	-3.51	6.4	29	744	14:36:28	16-Nov-2011
84	-3.65	6.4	30	744	14:41:28	16-Nov-2011
85	2.89	6.4	30	744	14:46:28	16-Nov-2011
86	-3.68	6.4	30	744	14:51:28	16-Nov-2011
87	-3.79	6.5	30	744	14:56:28	16-Nov-2011
1	4.89	16.2	24	748	07:56:30	17-Nov-2011
2	4.48	15.4	21	748	08:01:30	17-Nov-2011
3	4.49	14.5	21	748	08:06:30	17-Nov-2011
4	4.44	13.4	21	748	08:11:30	17-Nov-2011
5	4.67	12.2	21	748	08:16:30	17-Nov-2011
6	5.29	11	22	748	08:21:30	17-Nov-2011
7	5.62	9.9	23	748	08:26:30	17-Nov-2011
8	5.97	8.8	25	748	08:31:30	17-Nov-2011
9	5.95	7.8	26	748	08:36:30	17-Nov-2011
10	5.95	6.9	27	748	08:41:30	17-Nov-2011
11	6.27	6.1	29	748	08:46:30	17-Nov-2011
12	6.21	5.3	30	748	08:51:30	17-Nov-2011
13	5.86	4.7	31	748	08:56:30	17-Nov-2011
14	6.35	4.1	32	748	09:01:30	17-Nov-2011
15	5.93	3.5	33	748	09:06:30	17-Nov-2011
16	5.56	3.1	34	748	09:11:30	17-Nov-2011
17	5.68	2.7	35	748	09:16:30	17-Nov-2011
18	5.49	2.3	36	748	09:21:30	17-Nov-2011
19	5.39	2	37	748	09:26:30	17-Nov-2011
20	5.27	1.8	37	748	09:31:30	17-Nov-2011
21	5.37	1.5	38	748	09:36:30	17-Nov-2011
22	5.29	1.3	38	748	09:41:30	17-Nov-2011
23	5.36	1.2	39	748	09:46:30	17-Nov-2011
24	5.03	1	39	748	09:51:30	17-Nov-2011
25	4.99	0.9	39	748	09:56:30	17-Nov-2011
26	5.09	0.8	39	748	10:01:30	17-Nov-2011
27	7.34	0.7	39	748	10:06:30	17-Nov-2011
28	5.23	0.6	39	748	10:11:30	17-Nov-2011
29	5.11	0.6	39	748	10:16:30	17-Nov-2011
30	5.23	0.5	39	748	10:21:30	17-Nov-2011
31	5.14	0.5	39	748	10:26:30	17-Nov-2011
32	5.4	0.4	39	748	10:31:30	17-Nov-2011
33	5.27	0.4	40	748	10:36:30	17-Nov-2011
34	5.37	0.3	39	748	10:41:30	17-Nov-2011
35	5.4	0.3	39	748	10:46:30	17-Nov-2011
36	5.03	0.3	39	748	10:51:30	17-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
37	4.73	0.3	39	748	10:56:30	17-Nov-2011
38	5.43	0.3	39	748	11:01:30	17-Nov-2011
39	6.83	0.3	39	748	11:06:30	17-Nov-2011
40	5.31	0.3	38	748	11:11:30	17-Nov-2011
41	5.14	0.3	38	748	11:16:30	17-Nov-2011
42	5.17	0.3	37	748	11:21:30	17-Nov-2011
43	5.39	0.3	38	748	11:26:30	17-Nov-2011
44	5.31	0.2	38	748	11:31:30	17-Nov-2011
45	5.02	0.3	38	748	11:36:30	17-Nov-2011
46	9.81	0.4	37	748	11:41:30	17-Nov-2011
47	6.12	0.4	36	748	11:46:30	17-Nov-2011
48	7.08	0.4	36	748	11:51:30	17-Nov-2011
49	5.97	0.4	36	748	11:56:30	17-Nov-2011
50	6.02	0.4	37	748	12:01:30	17-Nov-2011
51	5.09	0.4	37	748	12:06:30	17-Nov-2011
52	4.96	0.3	36	748	12:11:30	17-Nov-2011
53	5.58	0.3	36	748	12:16:30	17-Nov-2011
54	5.45	0.2	36	748	12:21:30	17-Nov-2011
55	5.43	0.1	36	748	12:26:30	17-Nov-2011
56	6.5	0.1	36	748	12:31:30	17-Nov-2011
57	5.68	0	36	748	12:36:30	17-Nov-2011
58	8.83	0	36	748	12:41:30	17-Nov-2011
59	6.22	0	37	748	12:46:30	17-Nov-2011
60	6.1	0	37	748	12:51:30	17-Nov-2011
61	5.89	0	37	748	12:56:30	17-Nov-2011
62	5.77	0	37	748	13:01:30	17-Nov-2011
63	5.3	0	37	748	13:06:30	17-Nov-2011
64	4.77	-0.1	36	748	13:11:30	17-Nov-2011
65	4.81	-0.1	36	748	13:16:30	17-Nov-2011
66	5.54	-0.2	36	748	13:21:30	17-Nov-2011
67	5.43	-0.2	37	748	13:26:30	17-Nov-2011
68	5.95	-0.2	37	748	13:31:30	17-Nov-2011
69	5.85	-0.3	38	748	13:36:30	17-Nov-2011
70	7.6	-0.3	39	748	13:41:30	17-Nov-2011
71	5.9	-0.4	39	748	13:46:30	17-Nov-2011
72	5.83	-0.4	39	748	13:51:30	17-Nov-2011
73	6.08	-0.5	40	748	13:56:30	17-Nov-2011
74	6.37	-0.5	40	748	14:01:30	17-Nov-2011
75	6.35	-0.6	40	748	14:06:30	17-Nov-2011
76	8.68	-0.6	40	748	14:11:30	17-Nov-2011
77	6.9	-0.6	39	748	14:16:30	17-Nov-2011
78	5.9	-0.6	38	748	14:21:30	17-Nov-2011
79	6.38	-0.6	38	748	14:26:30	17-Nov-2011
80	6.05	-0.6	38	748	14:31:30	17-Nov-2011
1	4.33	17.2	20	754	07:42:08	18-Nov-2011
2	2.28	15.9	18	754	07:47:08	18-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
3	2.07	14.7	18	754	07:52:08	18-Nov-2011
4	2.6	13.5	17	754	07:57:08	18-Nov-2011
5	2.51	12.2	18	754	08:02:08	18-Nov-2011
6	2.97	11	18	754	08:07:08	18-Nov-2011
7	3.33	9.9	19	754	08:12:08	18-Nov-2011
8	3.75	8.9	20	754	08:17:08	18-Nov-2011
9	4.55	7.9	20	754	08:22:08	18-Nov-2011
10	4.52	7.1	22	754	08:27:08	18-Nov-2011
11	5.55	6.3	23	754	08:32:08	18-Nov-2011
12	6.37	5.6	24	754	08:37:08	18-Nov-2011
13	6.19	5	25	754	08:42:08	18-Nov-2011
14	6.02	4.4	26	754	08:47:08	18-Nov-2011
15	7.27	3.8	27	754	08:52:08	18-Nov-2011
16	7.18	3.4	28	754	08:57:08	18-Nov-2011
17	6.59	2.9	29	754	09:02:08	18-Nov-2011
18	6.73	2.6	30	754	09:07:08	18-Nov-2011
19	6.29	2.2	30	754	09:12:08	18-Nov-2011
20	6.67	1.9	31	754	09:17:08	18-Nov-2011
21	6.05	1.7	31	754	09:22:08	18-Nov-2011
22	5.74	1.5	31	754	09:27:08	18-Nov-2011
23	5.71	1.3	31	754	09:32:08	18-Nov-2011
24	6.06	1.1	32	754	09:37:08	18-Nov-2011
25	5.78	1	32	754	09:42:08	18-Nov-2011
26	5.74	0.8	32	754	09:47:08	18-Nov-2011
27	5.95	0.7	33	754	09:52:08	18-Nov-2011
28	5.81	0.7	33	754	09:57:08	18-Nov-2011
29	5.87	0.6	33	754	10:02:08	18-Nov-2011
30	5.94	0.5	34	754	10:07:08	18-Nov-2011
31	5.65	0.5	34	754	10:12:08	18-Nov-2011
32	5.77	0.5	34	754	10:17:08	18-Nov-2011
33	5.54	0.4	34	754	10:22:08	18-Nov-2011
34	5.59	0.5	34	754	10:27:08	18-Nov-2011
35	5.61	0.5	35	754	10:32:08	18-Nov-2011
36	5.47	0.5	35	754	10:37:08	18-Nov-2011
37	5.24	0.6	34	754	10:42:08	18-Nov-2011
38	5.46	0.7	34	754	10:47:08	18-Nov-2011
39	5.31	0.8	34	754	10:52:08	18-Nov-2011
40	4.93	0.9	34	754	10:57:08	18-Nov-2011
41	4.92	1	33	754	11:02:08	18-Nov-2011
42	4.67	1.1	33	754	11:07:08	18-Nov-2011
43	4.85	1.2	32	754	11:12:08	18-Nov-2011
44	4.7	1.3	31	754	11:17:08	18-Nov-2011
45	4.19	1.5	31	754	11:22:08	18-Nov-2011
46	4.03	1.6	31	754	11:27:08	18-Nov-2011
47	4.34	1.7	31	754	11:32:08	18-Nov-2011
48	4.21	1.9	31	754	11:37:08	18-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
49	4	2	30	754	11:42:08	18-Nov-2011
50	4.08	2.2	30	754	11:47:08	18-Nov-2011
51	4.59	2.3	30	754	11:52:08	18-Nov-2011
52	4.5	2.5	29	754	11:57:08	18-Nov-2011
53	4.6	2.6	29	754	12:02:08	18-Nov-2011
54	3.95	2.7	29	754	12:07:08	18-Nov-2011
55	3.98	2.9	28	754	12:12:08	18-Nov-2011
56	3.65	3	28	752	12:17:08	18-Nov-2011
57	4.37	3.1	28	752	12:22:08	18-Nov-2011
58	6.42	3.2	27	752	12:27:08	18-Nov-2011
59	4.02	3.3	26	752	12:32:08	18-Nov-2011
60	5.04	3.4	26	752	12:37:08	18-Nov-2011
61	3.55	3.5	26	752	12:42:08	18-Nov-2011
62	3.58	3.6	25	752	12:47:08	18-Nov-2011
63	3.4	3.7	25	752	12:52:08	18-Nov-2011
64	5.92	3.8	25	752	12:57:08	18-Nov-2011
65	3.58	3.9	25	752	13:02:08	18-Nov-2011
66	4.2	4	25	752	13:07:08	18-Nov-2011
67	3.4	4.1	24	752	13:12:08	18-Nov-2011
68	2.85	4.2	24	752	13:17:08	18-Nov-2011
69	5.78	4.2	24	752	13:22:08	18-Nov-2011
70	4.7	4.3	24	752	13:27:08	18-Nov-2011
71	2.91	4.4	24	752	13:32:08	18-Nov-2011
72	2.63	4.5	24	752	13:37:08	18-Nov-2011
73	2.55	4.6	23	752	13:42:08	18-Nov-2011
74	2.88	4.6	23	752	13:47:08	18-Nov-2011
75	3.39	4.7	23	752	13:52:08	18-Nov-2011
76	2.7	4.8	23	752	13:57:08	18-Nov-2011
77	4.28	4.9	23	752	14:02:08	18-Nov-2011
78	3.23	4.9	22	752	14:07:08	18-Nov-2011
79	2.92	5.1	22	752	14:12:08	18-Nov-2011
80	4.69	5.2	23	752	14:17:08	18-Nov-2011
81	4.85	5.3	24	752	14:22:08	18-Nov-2011
82	5.23	5.5	24	750	14:27:08	18-Nov-2011
83	4.36	5.6	24	750	14:32:08	18-Nov-2011
84	4.15	5.7	24	750	14:37:08	18-Nov-2011
85	5.51	5.8	23	750	14:42:08	18-Nov-2011
86	3.09	5.8	24	750	14:47:08	18-Nov-2011
87	3.81	5.9	24	750	14:52:08	18-Nov-2011
88	3.23	5.9	24	750	14:57:08	18-Nov-2011
89	4.78	6	24	750	15:02:08	18-Nov-2011
1	0.86	18.4	23	754	07:36:46	21-Nov-2011
2	0.92	17.4	23	756	07:41:46	21-Nov-2011
3	1.38	16.3	23	756	07:46:46	21-Nov-2011
4	1.51	15.1	24	756	07:51:46	21-Nov-2011
5	1.51	14	26	756	07:56:46	21-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
6	2.71	12.9	27	756	08:01:46	21-Nov-2011
7	2.42	11.9	28	756	08:06:46	21-Nov-2011
8	2.21	10.9	31	756	08:11:46	21-Nov-2011
9	2.31	9.9	32	756	08:16:46	21-Nov-2011
10	4.78	9.1	33	756	08:21:46	21-Nov-2011
11	6.76	8.4	34	756	08:26:46	21-Nov-2011
12	5.87	7.7	35	756	08:31:46	21-Nov-2011
13	15.87	7.1	36	756	08:36:46	21-Nov-2011
14	4.17	6.6	38	756	08:41:46	21-Nov-2011
15	7.69	6.1	38	756	08:46:46	21-Nov-2011
16	3.31	5.8	38	756	08:51:46	21-Nov-2011
17	3.26	5.4	40	756	08:56:46	21-Nov-2011
18	3.91	5.2	40	756	09:01:46	21-Nov-2011
19	6.77	5	41	756	09:06:46	21-Nov-2011
20	8.89	4.9	41	756	09:11:46	21-Nov-2011
21	7.5	4.9	41	756	09:16:46	21-Nov-2011
22	6.36	4.9	41	756	09:21:46	21-Nov-2011
23	5.68	4.9	41	756	09:26:46	21-Nov-2011
24	3.56	4.8	41	756	09:31:46	21-Nov-2011
25	2.71	4.8	41	756	09:36:46	21-Nov-2011
26	2.23	4.8	41	756	09:41:46	21-Nov-2011
27	2.26	4.7	41	756	09:46:46	21-Nov-2011
28	2.32	4.7	41	756	09:51:46	21-Nov-2011
29	2.52	4.6	41	756	09:56:46	21-Nov-2011
30	2.46	4.6	42	756	10:01:46	21-Nov-2011
31	2.48	4.6	42	756	10:06:46	21-Nov-2011
32	2.43	4.5	42	756	10:11:46	21-Nov-2011
33	2.43	4.4	43	756	10:16:46	21-Nov-2011
34	2.55	4.4	43	756	10:21:46	21-Nov-2011
35	2.58	4.4	43	756	10:26:46	21-Nov-2011
36	2.94	4.4	43	756	10:31:46	21-Nov-2011
37	2.82	4.4	43	756	10:36:46	21-Nov-2011
38	2.82	4.4	43	756	10:41:46	21-Nov-2011
39	2.97	4.5	44	756	10:46:46	21-Nov-2011
40	3	4.5	44	756	10:51:46	21-Nov-2011
41	3.32	4.6	44	756	10:56:46	21-Nov-2011
42	3.48	4.6	44	756	11:01:46	21-Nov-2011
43	3.28	4.6	44	756	11:06:46	21-Nov-2011
44	3.1	4.6	44	756	11:11:46	21-Nov-2011
45	3.06	4.7	44	756	11:16:46	21-Nov-2011
46	3.67	4.8	44	756	11:21:46	21-Nov-2011
47	3.23	4.8	44	756	11:26:46	21-Nov-2011
48	3.45	4.9	43	756	11:31:46	21-Nov-2011
49	3.48	5	43	756	11:36:46	21-Nov-2011
50	3.59	5.1	43	756	11:41:46	21-Nov-2011
51	3.71	5.2	43	756	11:46:46	21-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
52	4.07	5.3	43	756	11:51:46	21-Nov-2011
53	3.88	5.4	43	756	11:56:46	21-Nov-2011
54	4.07	5.5	43	756	12:01:46	21-Nov-2011
55	4.48	5.6	43	756	12:06:46	21-Nov-2011
56	4.51	5.7	43	756	12:11:46	21-Nov-2011
57	5.58	5.8	43	754	12:16:46	21-Nov-2011
58	5.32	5.8	43	754	12:21:46	21-Nov-2011
59	4.99	5.9	43	754	12:26:46	21-Nov-2011
60	5.56	5.9	43	754	12:31:46	21-Nov-2011
61	5.66	6	43	754	12:36:46	21-Nov-2011
62	9.38	6	43	754	12:41:46	21-Nov-2011
63	6.78	6	43	754	12:46:46	21-Nov-2011
64	5.88	6	43	754	12:51:46	21-Nov-2011
65	6.44	6	43	754	12:56:46	21-Nov-2011
66	5.92	6	43	754	13:01:46	21-Nov-2011
67	6.16	6	43	754	13:06:46	21-Nov-2011
68	7.26	6	43	754	13:11:46	21-Nov-2011
69	6.59	5.9	44	754	13:16:46	21-Nov-2011
70	7.09	5.9	44	754	13:21:46	21-Nov-2011
71	6.74	5.8	43	754	13:26:46	21-Nov-2011
72	7.37	5.7	43	754	13:31:46	21-Nov-2011
73	7.35	5.6	43	754	13:36:46	21-Nov-2011
74	7.54	5.4	44	754	13:41:46	21-Nov-2011
75	7.5	5.2	44	754	13:46:46	21-Nov-2011
76	7.86	5.1	44	754	13:51:46	21-Nov-2011
77		13:56:46	21-Nov-2011			
78	8.23	4.8	45	754	14:01:46	21-Nov-2011
79	9.12	4.6	46	754	14:06:46	21-Nov-2011
80	8.83	4.5	46	754	14:11:46	21-Nov-2011
81	9.57	4.4	47	754	14:16:46	21-Nov-2011
82	8.77	4.4	47	754	14:21:46	21-Nov-2011
83	9.08	4.3	48	754	14:26:46	21-Nov-2011
84	9.15	4.2	48	754	14:31:46	21-Nov-2011
85	9.4	4.2	48	754	14:36:46	21-Nov-2011
86	9.48	4.2	48	754	14:41:46	21-Nov-2011
87	10.01	4.1	49	754	14:46:46	21-Nov-2011
88	9.23	4.1	50	754	14:51:46	21-Nov-2011
89	9.64	4.1	50	754	14:56:46	21-Nov-2011
90	10.08	4.1	51	754	15:01:46	21-Nov-2011
91	9.31	4	50	754	15:06:46	21-Nov-2011
1	14.49	14	31	752	08:05:04	22-Nov-2011
2	14.82	12.8	33	752	08:10:04	22-Nov-2011
3	15.1	11.7	36	752	08:15:04	22-Nov-2011
4	15.3	10.7	38	752	08:20:04	22-Nov-2011
5	21.78	9.8	40	752	08:25:04	22-Nov-2011
6	17.78	9.1	43	752	08:30:04	22-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
7	17.34	8.4	45	752	08:35:04	22-Nov-2011
8	16.41	7.7	47	752	08:40:04	22-Nov-2011
9	18.13	7.1	49	752	08:45:04	22-Nov-2011
10	19.06	6.6	50	752	08:50:04	22-Nov-2011
11	18.29	6.1	52	752	08:55:04	22-Nov-2011
12	18.98	5.7	54	752	09:00:04	22-Nov-2011
13	18.79	5.3	56	752	09:05:04	22-Nov-2011
14	20.09	5	57	752	09:10:04	22-Nov-2011
15	18.5	4.6	58	752	09:15:04	22-Nov-2011
16	21.09	4.4	59	752	09:20:04	22-Nov-2011
17	19.68	4.1	60	752	09:25:04	22-Nov-2011
18	18.22	3.9	61	752	09:30:04	22-Nov-2011
19	17.62	3.7	61	752	09:35:04	22-Nov-2011
20	17.67	3.5	62	752	09:40:04	22-Nov-2011
21	18.53	3.3	63	752	09:45:04	22-Nov-2011
22	17.84	3.1	64	752	09:50:04	22-Nov-2011
23	17.71	2.9	65	752	09:55:04	22-Nov-2011
24	17.07	2.8	66	752	10:00:04	22-Nov-2011
25	15.43	2.7	66	752	10:05:04	22-Nov-2011
26	14.98	2.6	66	752	10:10:04	22-Nov-2011
27	14.98	2.5	67	752	10:15:04	22-Nov-2011
28	15.59	2.4	67	752	10:20:04	22-Nov-2011
29	15.7	2.3	68	752	10:25:04	22-Nov-2011
30	14.79	2.2	69	752	10:30:04	22-Nov-2011
31	14.91	2.2	69	752	10:35:04	22-Nov-2011
32	15.04	2.1	70	752	10:40:04	22-Nov-2011
33	14.17	2	70	752	10:45:04	22-Nov-2011
34	14.17	2	70	752	10:50:04	22-Nov-2011
35	14.26	1.9	71	750	10:55:04	22-Nov-2011
36	13.53	1.9	71	750	11:00:04	22-Nov-2011
37	13.45	1.9	71	750	11:05:04	22-Nov-2011
38	13.75	1.9	72	750	11:10:04	22-Nov-2011
39	13.57	1.9	73	750	11:15:04	22-Nov-2011
40	12.98	1.9	73	750	11:20:04	22-Nov-2011
41	12.05	1.9	74	750	11:25:04	22-Nov-2011
42	11.28	1.9	74	750	11:30:04	22-Nov-2011
43	10.32	1.9	75	750	11:35:04	22-Nov-2011
44	10.25	1.9	75	750	11:40:04	22-Nov-2011
45	9.33	2	75	750	11:45:04	22-Nov-2011
46	9.48	2	75	750	11:50:04	22-Nov-2011
47	9.03	2	74	750	11:55:04	22-Nov-2011
48	9.14	2.1	74	750	12:00:04	22-Nov-2011
49	9.44	2.1	74	750	12:05:04	22-Nov-2011
50	9.57	2.1	74	750	12:10:04	22-Nov-2011
51	9.34	2.1	74	750	12:15:04	22-Nov-2011
52	8.93	2.1	74	748	12:20:04	22-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
53	8.79	2.2	74	748	12:25:04	22-Nov-2011
54	8.86	2.2	74	748	12:30:04	22-Nov-2011
55	8.2	2.2	74	748	12:35:04	22-Nov-2011
56	7.87	2.2	74	748	12:40:04	22-Nov-2011
57	7.86	2.3	73	748	12:45:04	22-Nov-2011
58	9.36	2.3	73	748	12:50:04	22-Nov-2011
59	8.39	2.3	73	748	12:55:04	22-Nov-2011
60	8.11	2.3	72	748	13:00:04	22-Nov-2011
61	8.57	2.3	72	748	13:05:04	22-Nov-2011
62	15.3	2.3	72	748	13:10:04	22-Nov-2011
63	8.84	2.2	72	748	13:15:04	22-Nov-2011
64	9.36	2.2	72	748	13:20:04	22-Nov-2011
65	8.88	2.1	72	748	13:25:04	22-Nov-2011
66	9.09	2.1	72	748	13:30:04	22-Nov-2011
67	9.3	2	72	748	13:35:04	22-Nov-2011
68	8.99	2	72	748	13:40:04	22-Nov-2011
1	3.61	17.8	31	748	07:43:43	23-Nov-2011
2	3.86	16.9	28	748	07:48:43	23-Nov-2011
3	4.55	15.9	29	748	07:53:43	23-Nov-2011
4	4.68	14.8	31	748	07:58:43	23-Nov-2011
5	5.43	13.7	33	748	08:03:43	23-Nov-2011
6	5.85	12.6	35	748	08:08:43	23-Nov-2011
7	6.19	11.5	37	748	08:13:43	23-Nov-2011
8	6.29	10.5	39	748	08:18:43	23-Nov-2011
9	7.03	9.7	42	748	08:23:43	23-Nov-2011
10	8.7	8.8	44	748	08:28:43	23-Nov-2011
11	7.44	8.1	45	748	08:33:43	23-Nov-2011
12	7.68	7.5	46	748	08:38:43	23-Nov-2011
13	7.83	7	48	748	08:43:43	23-Nov-2011
14	7.81	6.5	49	748	08:48:43	23-Nov-2011
15	18.4	6	51	748	08:53:43	23-Nov-2011
16	7.71	5.5	52	750	08:58:43	23-Nov-2011
17	10.82	5.1	53	750	09:03:43	23-Nov-2011
18	14.85	4.8	54	750	09:08:43	23-Nov-2011
19	16.81	4.5	56	750	09:13:43	23-Nov-2011
20	14.02	4.1	57	750	09:18:43	23-Nov-2011
21	11.22	3.9	58	750	09:23:43	23-Nov-2011
22	11.55	3.6	59	750	09:28:43	23-Nov-2011
23	8.27	3.5	60	750	09:33:43	23-Nov-2011
24	7.71	3.3	61	750	09:38:43	23-Nov-2011
25	7.73	3.1	62	750	09:43:43	23-Nov-2011
26	8.1	3	62	750	09:48:43	23-Nov-2011
27	13.62	2.9	63	750	09:53:43	23-Nov-2011
28	12.37	2.8	64	750	09:58:43	23-Nov-2011
29	14.74	2.7	64	750	10:03:43	23-Nov-2011
30	9.87	2.6	65	750	10:08:43	23-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
31	9.92	2.6	65	750	10:13:43	23-Nov-2011
32	7.42	2.5	65	750	10:18:43	23-Nov-2011
33	7.95	2.5	65	750	10:23:43	23-Nov-2011
34	8.67	2.5	66	750	10:28:43	23-Nov-2011
35	8.75	2.5	66	750	10:33:43	23-Nov-2011
36	11.07	2.5	66	750	10:38:43	23-Nov-2011
37	8.92	2.6	66	750	10:43:43	23-Nov-2011
38	7.14	2.6	65	750	10:48:43	23-Nov-2011
39	6.1	2.7	64	750	10:53:43	23-Nov-2011
40	6.45	2.8	64	750	10:58:43	23-Nov-2011
41	8.37	2.8	64	750	11:03:43	23-Nov-2011
42	8.25	2.9	64	750	11:08:43	23-Nov-2011
43	10.23	3	64	750	11:13:43	23-Nov-2011
44	8.86	3.1	63	750	11:18:43	23-Nov-2011
45	9.12	3.2	63	750	11:23:43	23-Nov-2011
46	8.04	3.3	62	750	11:28:43	23-Nov-2011
47	6.95	3.4	61	750	11:33:43	23-Nov-2011
48	17.12	3.5	61	750	11:38:43	23-Nov-2011
49	11.73	3.6	60	750	11:43:43	23-Nov-2011
50	6.77	3.7	60	750	11:48:43	23-Nov-2011
51	9.75	3.8	60	750	11:53:43	23-Nov-2011
52	6.97	3.9	59	750	11:58:43	23-Nov-2011
53	9.46	4	58	750	12:03:43	23-Nov-2011
54	6.63	4.1	58	750	12:08:43	23-Nov-2011
55	6.25	4.2	57	750	12:13:43	23-Nov-2011
56	6.6	4.3	56	750	12:18:43	23-Nov-2011
57	5.52	4.4	56	750	12:23:43	23-Nov-2011
58	5.33	4.5	55	750	12:28:43	23-Nov-2011
59	5.47	4.6	54	750	12:33:43	23-Nov-2011
60	5.89	4.7	54	750	12:38:43	23-Nov-2011
61	5.51	4.8	53	750	12:43:43	23-Nov-2011
62	4.79	4.8	52	750	12:48:43	23-Nov-2011
63	4.9	4.9	51	750	12:53:43	23-Nov-2011
1	4.52	20.1	16	746	08:41:36	07-Dec-2011
2	3.82	19.4	15	748	08:46:36	07-Dec-2011
3	3.97	18.3	14	748	08:51:36	07-Dec-2011
4	5.26	17	14	748	08:56:36	07-Dec-2011
5	4.48	15.7	15	748	09:01:36	07-Dec-2011
6	4.21	14.3	15	748	09:06:36	07-Dec-2011
7	5.62	12.9	16	748	09:11:36	07-Dec-2011
8	6.07	11.5	18	748	09:16:36	07-Dec-2011
9	7.03	10.3	19	748	09:21:36	07-Dec-2011
10	6.55	9.1	20	748	09:26:36	07-Dec-2011
11	5.64	8.1	22	748	09:31:36	07-Dec-2011
12	5.29	7.1	23	748	09:36:36	07-Dec-2011
13	5.6	6.2	24	748	09:41:36	07-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
14	5.11	5.4	26	748	09:46:36	07-Dec-2011
15	5.49	4.7	27	748	09:51:36	07-Dec-2011
16	5.47	4.1	27	748	09:56:36	07-Dec-2011
17	6.29	3.5	28	748	10:01:36	07-Dec-2011
18	7.18	3	30	748	10:06:36	07-Dec-2011
19	6.88	2.6	31	748	10:11:36	07-Dec-2011
20	5.88	2.2	32	748	10:16:36	07-Dec-2011
21	6.8	1.8	33	748	10:21:36	07-Dec-2011
22	7.08	1.5	34	748	10:26:36	07-Dec-2011
23	7.49	1.2	35	748	10:31:36	07-Dec-2011
24	6.52	0.9	36	748	10:36:36	07-Dec-2011
25	6.3	0.7	36	748	10:41:36	07-Dec-2011
26	7.16	0.5	37	748	10:46:36	07-Dec-2011
27	7.01	0.4	37	748	10:51:36	07-Dec-2011
28	7.07	0.2	38	748	10:56:36	07-Dec-2011
29	7.3	0.1	39	748	11:01:36	07-Dec-2011
30	6.91	0	39	748	11:06:36	07-Dec-2011
31	6.5	0	40	748	11:11:36	07-Dec-2011
32	7.1	0	40	746	11:16:36	07-Dec-2011
33	6.97	-0.1	41	746	11:21:36	07-Dec-2011
34	6.67	-0.1	42	746	11:26:36	07-Dec-2011
35	6.13	-0.2	41	746	11:31:36	07-Dec-2011
36	6.3	-0.2	41	746	11:36:36	07-Dec-2011
37	5.96	-0.3	42	746	11:41:36	07-Dec-2011
38	6.1	-0.4	42	746	11:46:36	07-Dec-2011
39	6.21	-0.4	42	746	11:51:36	07-Dec-2011
40	6.17	-0.5	43	746	11:56:36	07-Dec-2011
41	6.55	-0.5	43	746	12:01:36	07-Dec-2011
42	6.92	-0.5	43	746	12:06:36	07-Dec-2011
43	6.06	-0.6	43	746	12:11:36	07-Dec-2011
44	6.74	-0.6	43	746	12:16:36	07-Dec-2011
45	5.84	-0.7	44	746	12:21:36	07-Dec-2011
46	6.43	-0.7	43	746	12:26:36	07-Dec-2011
47	7.05	-0.8	44	746	12:31:36	07-Dec-2011
48	6.77	-0.8	44	746	12:36:36	07-Dec-2011
49	7.15	-0.9	45	746	12:41:36	07-Dec-2011
50	6.36	-0.9	44	746	12:46:36	07-Dec-2011
51	5.62	-0.9	44	746	12:51:36	07-Dec-2011
52	5.93	-0.9	44	746	12:56:36	07-Dec-2011
53	6.77	-0.9	45	746	13:01:36	07-Dec-2011
54	7.74	-0.9	45	746	13:06:36	07-Dec-2011
55	10.3	-0.9	45	746	13:11:36	07-Dec-2011
56	6.88	-1	45	746	13:16:36	07-Dec-2011
57	6.79	-1	45	746	13:21:36	07-Dec-2011
58	6.44	-1	45	746	13:26:36	07-Dec-2011
59	5.81	-1	45	746	13:31:36	07-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
60	5.78	-1	45	746	13:36:36	07-Dec-2011
61	6.2	-0.9	45	746	13:41:36	07-Dec-2011
62	6.43	-0.9	45	746	13:46:36	07-Dec-2011
63	6.23	-1	45	746	13:51:36	07-Dec-2011
64	6.62	-1	45	746	13:56:36	07-Dec-2011
65	8.13	-1	45	746	14:01:36	07-Dec-2011
66	6.39	-1	45	746	14:06:36	07-Dec-2011
67	6.8	-1	46	744	14:11:36	07-Dec-2011
68	7.29	-1.1	46	744	14:16:36	07-Dec-2011
69	7.58	-1.2	47	744	14:21:36	07-Dec-2011
70	7.12	-1.2	46	744	14:26:36	07-Dec-2011
71	13.29	-1.2	47	744	14:31:36	07-Dec-2011
72	7.98	-1.3	47	744	14:36:36	07-Dec-2011
73	8.21	-1.3	47	744	14:41:36	07-Dec-2011
74	8.75	-1.3	48	744	14:46:36	07-Dec-2011
75	8.46	-1.3	49	744	14:51:36	07-Dec-2011
76	8.83	-1.2	49	744	14:56:36	07-Dec-2011
77	9.07	-1.1	49	744	15:01:36	07-Dec-2011
78	8.18	-1	49	744	15:06:36	07-Dec-2011
79	8.19	-0.9	48	744	15:11:36	07-Dec-2011
80	9.09	-0.9	49	744	15:16:36	07-Dec-2011
81	8.97	-0.9	49	744	15:21:36	07-Dec-2011
1	7.42	18.5	20	750	08:23:32	08-Dec-2011
2	3.51	17.5	18	750	08:28:32	08-Dec-2011
3	3.76	16.4	17	750	08:33:32	08-Dec-2011
4	4.82	15.2	17	750	08:38:32	08-Dec-2011
5	6.28	14	18	750	08:43:32	08-Dec-2011
6	7.64	12.7	18	750	08:48:32	08-Dec-2011
7	8.73	11.5	19	750	08:53:32	08-Dec-2011
8	10.51	10.2	20	750	08:58:32	08-Dec-2011
9	11.74	9.1	21	750	09:03:32	08-Dec-2011
10	13.26	8	23	752	09:08:32	08-Dec-2011
11	14.52	7.1	24	752	09:13:32	08-Dec-2011
12	15.7	6.2	26	752	09:18:32	08-Dec-2011
13	16.42	5.4	27	752	09:23:32	08-Dec-2011
14	16.66	4.6	29	752	09:28:32	08-Dec-2011
15	18.43	4	30	752	09:33:32	08-Dec-2011
16	21.93	3.3	33	752	09:38:32	08-Dec-2011
17	18.9	2.7	34	752	09:43:32	08-Dec-2011
18	19.48	2.2	35	752	09:48:32	08-Dec-2011
19	19.07	1.8	36	752	09:53:32	08-Dec-2011
20	19.99	1.5	37	752	09:58:32	08-Dec-2011
21	20.48	1.2	38	752	10:03:32	08-Dec-2011
22	20.41	0.9	39	752	10:08:32	08-Dec-2011
23	20.45	0.7	41	752	10:13:32	08-Dec-2011
24	21.77	0.5	42	752	10:18:32	08-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
25	21.53	0.3	43	752	10:23:32	08-Dec-2011
26	21.9	0.2	44	752	10:28:32	08-Dec-2011
27	22.1	0.1	44	752	10:33:32	08-Dec-2011
28	24.27	0	45	752	10:38:32	08-Dec-2011
29	25.24	-0.1	47	752	10:43:32	08-Dec-2011
30	25.4	-0.2	48	752	10:48:32	08-Dec-2011
31	25.55	-0.3	49	752	10:53:32	08-Dec-2011
32	25.68	-0.4	50	752	10:58:32	08-Dec-2011
33	26.16	-0.5	50	752	11:03:32	08-Dec-2011
34	26.77	-0.6	51	752	11:08:32	08-Dec-2011
35	26.47	-0.7	51	752	11:13:32	08-Dec-2011
36	26.23	-0.7	51	752	11:18:32	08-Dec-2011
37	26.91	-0.8	52	752	11:23:32	08-Dec-2011
38	26.53	-0.9	52	752	11:28:32	08-Dec-2011
39	26.49	-1	53	752	11:33:32	08-Dec-2011
40	26.49	-1.2	53	752	11:38:32	08-Dec-2011
41	25.06	-1.3	54	752	11:43:32	08-Dec-2011
42	24.77	-1.4	53	752	11:48:32	08-Dec-2011
43	24.32	-1.4	53	752	11:53:32	08-Dec-2011
44	23.45	-1.4	53	752	11:58:32	08-Dec-2011
45	23.07	-1.3	53	752	12:03:32	08-Dec-2011
46	24.18	-1.3	53	752	12:08:32	08-Dec-2011
47	24.5	-1.2	53	752	12:13:32	08-Dec-2011
48	23.37	-1.2	52	752	12:18:32	08-Dec-2011
49	23.24	-1.1	52	752	12:23:32	08-Dec-2011
50	23.36	-1.1	52	752	12:28:32	08-Dec-2011
51	23	-1.1	51	752	12:33:32	08-Dec-2011
52	27.38	-1.1	52	752	12:38:32	08-Dec-2011
53	23.42	-1.1	52	752	12:43:32	08-Dec-2011
54	23.14	-1.1	52	752	12:48:32	08-Dec-2011
55	23.35	-1.1	52	752	12:53:32	08-Dec-2011
56	23.82	-1.1	52	752	12:58:32	08-Dec-2011
57	23.53	-1	52	750	13:03:32	08-Dec-2011
58	23.38	-1	52	750	13:08:32	08-Dec-2011
59	23.22	-1	52	750	13:13:32	08-Dec-2011
60	23.05	-1	52	750	13:18:32	08-Dec-2011
61	23.27	-0.9	52	750	13:23:32	08-Dec-2011
62	22.96	-0.9	52	750	13:28:32	08-Dec-2011
63	30.15	-0.9	52	750	13:33:32	08-Dec-2011
64	24.88	-0.9	52	750	13:38:32	08-Dec-2011
65	24.76	-0.9	52	750	13:43:32	08-Dec-2011
66	23.64	-0.9	52	750	13:48:32	08-Dec-2011
67	27.32	-0.8	52	750	13:53:32	08-Dec-2011
68	24.85	-0.8	52	750	13:58:32	08-Dec-2011
69	24.93	-0.8	52	752	14:03:32	08-Dec-2011
70	25.22	-0.7	52	750	14:08:32	08-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
71	26.6	-0.7	52	752	14:13:32	08-Dec-2011
72	26.85	-0.7	51	752	14:18:32	08-Dec-2011
73	25.15	-0.6	51	752	14:23:32	08-Dec-2011
74	29.21	-0.6	51	752	14:28:32	08-Dec-2011
75	25.09	-0.6	51	750	14:33:32	08-Dec-2011
76	26.38	-0.5	51	750	14:38:32	08-Dec-2011
77	25.45	-0.5	51	750	14:43:32	08-Dec-2011
78	26.87	-0.5	51	750	14:48:32	08-Dec-2011
79	28.44	-0.5	51	750	14:53:32	08-Dec-2011
80	30.58	-0.4	51	750	14:58:32	08-Dec-2011
81	25.38	-0.4	50	750	15:03:32	08-Dec-2011
82	25.86	-0.4	50	750	15:08:32	08-Dec-2011
83	25.64	-0.5	50	750	15:13:32	08-Dec-2011
84	25.36	-0.5	51	752	15:18:32	08-Dec-2011
85	25.14	-0.5	50	752	15:23:32	08-Dec-2011
86	26	-0.5	50	752	15:28:32	08-Dec-2011
87	26.06	-0.5	50	752	15:33:32	08-Dec-2011
1	0.71	17	22	750	07:58:18	09-Dec-2011
2	0.1	15.6	23	750	08:03:18	09-Dec-2011
3	0.28	14.4	23	750	08:08:18	09-Dec-2011
4	0.64	13.1	24	750	08:13:18	09-Dec-2011
5	0.71	12	25	750	08:18:18	09-Dec-2011
6	1.41	10.8	26	750	08:23:18	09-Dec-2011
7	2.1	9.8	27	750	08:28:18	09-Dec-2011
8	3.02	8.8	29	752	08:33:18	09-Dec-2011
9	2.95	7.8	30	752	08:38:18	09-Dec-2011
10	3.2	7	31	752	08:43:18	09-Dec-2011
11	3.44	6.2	33	752	08:48:18	09-Dec-2011
12	4.12	5.5	35	752	08:53:18	09-Dec-2011
13	4.38	4.8	37	752	08:58:18	09-Dec-2011
14	4.7	4.2	39	752	09:03:18	09-Dec-2011
15	5.52	3.6	41	752	09:08:18	09-Dec-2011
16	5.69	2.9	43	752	09:13:18	09-Dec-2011
17	5.86	2.3	44	752	09:18:18	09-Dec-2011
18	5.77	1.8	46	752	09:23:18	09-Dec-2011
19	5.96	1.4	47	752	09:28:18	09-Dec-2011
20	6.53	1	48	752	09:33:18	09-Dec-2011
21	6.41	0.7	49	752	09:38:18	09-Dec-2011
22	6.56	0.4	49	752	09:43:18	09-Dec-2011
23	6.74	0.2	50	752	09:48:18	09-Dec-2011
24	6.81	0	51	752	09:53:18	09-Dec-2011
25	7.42	-0.2	52	752	09:58:18	09-Dec-2011
26	8.36	-0.4	55	752	10:03:18	09-Dec-2011
27	7.96	-0.7	56	752	10:08:18	09-Dec-2011
28	7.39	-0.9	57	752	10:13:18	09-Dec-2011
29	7.51	-1.1	58	752	10:18:18	09-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
30	7.73	-1.2	58	752	10:23:18	09-Dec-2011
31	7.98	-1.3	59	752	10:28:18	09-Dec-2011
32	8.52	-1.5	59	752	10:33:18	09-Dec-2011
33	8.66	-1.6	60	752	10:38:18	09-Dec-2011
34	9.33	-1.6	61	752	10:43:18	09-Dec-2011
35	9.05	-1.7	61	752	10:48:18	09-Dec-2011
36	9.26	-1.8	62	752	10:53:18	09-Dec-2011
37	9.64	-1.8	62	752	10:58:18	09-Dec-2011
38	9.76	-1.8	62	752	11:03:18	09-Dec-2011
39	9.74	-1.9	63	752	11:08:18	09-Dec-2011
40	9.88	-1.9	63	752	11:13:18	09-Dec-2011
41	10.49	-1.9	63	752	11:18:18	09-Dec-2011
42	11.57	-2	64	752	11:23:18	09-Dec-2011
43	10.83	-2.2	65	752	11:28:18	09-Dec-2011
44	10.92	-2.2	66	752	11:33:18	09-Dec-2011
45	11.16	-2.3	67	752	11:38:18	09-Dec-2011
46	11.05	-2.3	67	752	11:43:18	09-Dec-2011
47	11.59	-2.3	67	752	11:48:18	09-Dec-2011
48	11.9	-2.4	67	752	11:53:18	09-Dec-2011
49	12.2	-2.4	67	752	11:58:18	09-Dec-2011
50	12.92	-2.4	67	752	12:03:18	09-Dec-2011
51	13.13	-2.5	67	752	12:08:18	09-Dec-2011
52	14.31	-2.5	67	752	12:13:18	09-Dec-2011
53	15.42	-2.6	67	752	12:18:18	09-Dec-2011
54	12.87	-2.7	66	752	12:23:18	09-Dec-2011
55	10.97	-2.7	65	752	12:28:18	09-Dec-2011
56	10.32	-2.8	64	752	12:33:18	09-Dec-2011
57	8.53	-3	64	752	12:38:18	09-Dec-2011
58	6.95	-3	63	752	12:43:18	09-Dec-2011
59	6.12	-3.1	62	752	12:48:18	09-Dec-2011
60	5.62	-3.2	62	752	12:53:18	09-Dec-2011
61	5.88	-3.4	62	752	12:58:18	09-Dec-2011
62	5.54	-3.5	62	752	13:03:18	09-Dec-2011
63	5.02	-3.6	62	752	13:08:18	09-Dec-2011
64	5.54	-3.7	61	752	13:13:18	09-Dec-2011
65	4.83	-3.8	61	752	13:18:18	09-Dec-2011
66	4.79	-3.9	61	752	13:23:18	09-Dec-2011
67	4.65	-3.9	61	752	13:28:18	09-Dec-2011
68	4	-4	61	752	13:33:18	09-Dec-2011
69	7.68	-4	61	752	13:38:18	09-Dec-2011
70	3.53	-4.1	60	752	13:43:18	09-Dec-2011
71	3.91	-4.1	60	752	13:48:18	09-Dec-2011
72	3.47	-4.1	60	752	13:53:18	09-Dec-2011
73	3.7	-4.2	60	752	13:58:18	09-Dec-2011
74	3.66	-4.2	60	752	14:03:18	09-Dec-2011
75	4.8	-4.2	61	752	14:08:18	09-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
76	3.98	-4.2	61	752	14:13:18	09-Dec-2011
77	3.36	-4.2	60	752	14:18:18	09-Dec-2011
1	11.16	15.9	16	756	07:47:10	12-Dec-2011
2	9.41	14.7	15	758	07:52:10	12-Dec-2011
3	10.47	13.3	15	758	07:57:10	12-Dec-2011
4	13.33	12	16	758	08:02:10	12-Dec-2011
5	18.32	10.6	17	758	08:07:10	12-Dec-2011
6	18.67	9.4	19	758	08:12:10	12-Dec-2011
7	22.76	8.2	20	758	08:17:10	12-Dec-2011
8	22.63	7.1	21	758	08:22:10	12-Dec-2011
9	27.24	6	23	758	08:27:10	12-Dec-2011
10	26.42	5.1	24	758	08:32:10	12-Dec-2011
11	25.42	4.2	25	758	08:37:10	12-Dec-2011
12	19.53	3.4	26	758	08:42:10	12-Dec-2011
13	18.66	2.7	27	758	08:47:10	12-Dec-2011
14	19.92	2.1	28	758	08:52:10	12-Dec-2011
15	16.7	1.6	29	758	08:57:10	12-Dec-2011
16	18.9	1.1	30	758	09:02:10	12-Dec-2011
17	18.48	0.7	31	758	09:07:10	12-Dec-2011
18	21.58	0.3	32	758	09:12:10	12-Dec-2011
19	19.73	0	32	758	09:17:10	12-Dec-2011
20	19.17	-0.3	32	758	09:22:10	12-Dec-2011
21	23.06	-0.5	33	758	09:27:10	12-Dec-2011
22	22.51	-0.7	34	758	09:32:10	12-Dec-2011
23	20.67	-0.9	34	758	09:37:10	12-Dec-2011
24	21.76	-1.1	36	758	09:42:10	12-Dec-2011
25	20.88	-1.2	37	758	09:47:10	12-Dec-2011
26	20.47	-1.4	37	758	09:52:10	12-Dec-2011
27	21.16	-1.5	38	758	09:57:10	12-Dec-2011
28	21.4	-1.5	38	758	10:02:10	12-Dec-2011
29	24.09	-1.5	38	758	10:07:10	12-Dec-2011
30	20.67	-1.5	39	758	10:12:10	12-Dec-2011
31	21.22	-1.5	39	760	10:17:10	12-Dec-2011
32	18.61	-1.5	38	760	10:22:10	12-Dec-2011
33	20.84	-1.4	39	758	10:27:10	12-Dec-2011
34	36.75	-1.4	39	758	10:32:10	12-Dec-2011
35	30.05	-1.4	40	760	10:37:10	12-Dec-2011
36	20.07	-1.3	40	758	10:42:10	12-Dec-2011
37	64.93	-1.3	40	760	10:47:10	12-Dec-2011
38	32.73	-1.2	40	758	10:52:10	12-Dec-2011
39	42.08	-1.2	40	758	10:57:10	12-Dec-2011
40	32.69	-1.1	40	758	11:02:10	12-Dec-2011
41	23.61	-1.1	40	758	11:07:10	12-Dec-2011
42	20.36	-1	40	758	11:12:10	12-Dec-2011
43	45.01	-1	40	758	11:17:10	12-Dec-2011
44	51.66	-1	41	758	11:22:10	12-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
45	21.4	-0.9	41	758	11:27:10	12-Dec-2011
46	24.29	-0.9	40	758	11:32:10	12-Dec-2011
47	20.96	-0.7	40	758	11:37:10	12-Dec-2011
48	22.82	-0.6	40	758	11:42:10	12-Dec-2011
49	29.59	-0.5	40	758	11:47:10	12-Dec-2011
50	30.42	-0.3	40	758	11:52:10	12-Dec-2011
51	19.75	-0.2	39	758	11:57:10	12-Dec-2011
52	20.73	0	39	758	12:02:10	12-Dec-2011
53	25.38	0	38	758	12:07:10	12-Dec-2011
54	21.22	0.2	38	758	12:12:10	12-Dec-2011
55	19.21	0.4	38	758	12:17:10	12-Dec-2011
56	20.25	0.5	38	758	12:22:10	12-Dec-2011
57	17.58	0.7	37	758	12:27:10	12-Dec-2011
58	16.28	0.8	36	758	12:32:10	12-Dec-2011
59	14.28	0.9	36	758	12:37:10	12-Dec-2011
60	16.91	1	37	758	12:42:10	12-Dec-2011
61	15.57	1.1	37	758	12:47:10	12-Dec-2011
62	14.95	1.2	37	758	12:52:10	12-Dec-2011
63	16.49	1.2	37	758	12:57:10	12-Dec-2011
64	14.92	1.3	37	758	13:02:10	12-Dec-2011
65	23.47	1.3	37	758	13:07:10	12-Dec-2011
66	22.39	1.4	37	758	13:12:10	12-Dec-2011
67	25.12	1.4	38	758	13:17:10	12-Dec-2011
68	20.76	1.4	37	758	13:22:10	12-Dec-2011
69	20.08	1.4	37	758	13:27:10	12-Dec-2011
70	15.42	1.4	37	758	13:32:10	12-Dec-2011
71	15.45	1.4	36	758	13:37:10	12-Dec-2011
72	15.32	1.5	37	758	13:42:10	12-Dec-2011
73	18.55	1.5	36	758	13:47:10	12-Dec-2011
74	12.9	1.5	37	758	13:52:10	12-Dec-2011
75	12.65	1.5	37	758	13:57:10	12-Dec-2011
76	13.74	1.6	37	758	14:02:10	12-Dec-2011
77	13.83	1.6	37	758	14:07:10	12-Dec-2011
78	13.85	1.6	37	758	14:12:10	12-Dec-2011
79	11.47	1.7	37	758	14:17:10	12-Dec-2011
80	16.86	1.8	37	758	14:22:10	12-Dec-2011
81	15.24	2	37	758	14:27:10	12-Dec-2011
82	18.09	2.1	38	756	14:32:10	12-Dec-2011
83	19.81	2.3	41	758	14:37:10	12-Dec-2011
84	25.24	2.4	41	756	14:42:10	12-Dec-2011
85	22.08	2.6	41	756	14:47:10	12-Dec-2011
86	23.12	2.7	41	756	14:52:10	12-Dec-2011
87	21.96	2.8	41	756	14:57:10	12-Dec-2011
88	23.14	2.9	42	756	15:02:10	12-Dec-2011
89	24.33	2.9	43	756	15:07:10	12-Dec-2011
90	22.98	2.9	43	756	15:12:10	12-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
91	22.75	2.9	42	756	15:17:10	12-Dec-2011
92	24.05	2.8	42	756	15:22:10	12-Dec-2011
93	23.56	2.8	42	756	15:27:10	12-Dec-2011
94	21.97	2.7	42	756	15:32:10	12-Dec-2011
1	12.29	19	18	758	07:47:42	13-Dec-2011
2	5.02	18.2	18	758	07:52:42	13-Dec-2011
3	3.26	17.2	18	758	07:57:42	13-Dec-2011
4	2.32	16.1	18	758	08:02:42	13-Dec-2011
5	1.93	15	18	758	08:07:42	13-Dec-2011
6	2.56	13.8	18	758	08:12:42	13-Dec-2011
7	12.93	12.7	18	758	08:17:42	13-Dec-2011
8	25.56	11.6	18	758	08:22:42	13-Dec-2011
9	24.2	10.5	19	758	08:27:42	13-Dec-2011
10	24.88	9.5	20	758	08:32:42	13-Dec-2011
11	23.93	8.6	21	758	08:37:42	13-Dec-2011
12	25.22	7.8	22	758	08:42:42	13-Dec-2011
13	20.39	7	23	758	08:47:42	13-Dec-2011
14	27.58	6.3	24	758	08:52:42	13-Dec-2011
15	29.36	5.6	26	758	08:57:42	13-Dec-2011
16	30.57	5	29	758	09:02:42	13-Dec-2011
17	33.41	4.4	32	758	09:07:42	13-Dec-2011
18	44.15	3.9	34	758	09:12:42	13-Dec-2011
19	81.16	3.5	36	758	09:17:42	13-Dec-2011
20	105.53	3.1	38	758	09:22:42	13-Dec-2011
21	42.67	2.7	40	758	09:27:42	13-Dec-2011
22	33	2.4	41	758	09:32:42	13-Dec-2011
23	33.61	2.1	43	758	09:37:42	13-Dec-2011
24	33.77	1.9	45	758	09:42:42	13-Dec-2011
25	32.89	1.7	46	758	09:47:42	13-Dec-2011
26	33.6	1.5	46	758	09:52:42	13-Dec-2011
27	34.19	1.3	47	758	09:57:42	13-Dec-2011
28	33.15	1.2	48	758	10:02:42	13-Dec-2011
29	32.58	1.1	48	758	10:07:42	13-Dec-2011
30	30.79	1	48	758	10:12:42	13-Dec-2011
31	31.97	1	47	758	10:17:42	13-Dec-2011
32	30.72	0.9	47	758	10:22:42	13-Dec-2011
33	31.24	0.9	47	758	10:27:42	13-Dec-2011
34	29.55	0.9	48	758	10:32:42	13-Dec-2011
35	29.01	0.8	48	758	10:37:42	13-Dec-2011
36	30.16	0.9	48	758	10:42:42	13-Dec-2011
37	32.38	1	48	758	10:47:42	13-Dec-2011
38	31.39	1.1	49	758	10:52:42	13-Dec-2011
39	30	1.2	49	758	10:57:42	13-Dec-2011
40	32.27	1.3	50	758	11:02:42	13-Dec-2011
41	31.13	1.3	49	758	11:07:42	13-Dec-2011
42	33.6	1.4	49	758	11:12:42	13-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
43	35.41	1.5	48	758	11:17:42	13-Dec-2011
44	35.9	1.6	49	758	11:22:42	13-Dec-2011
45	34.39	1.6	49	758	11:27:42	13-Dec-2011
46	29.4	1.6	48	758	11:32:42	13-Dec-2011
47	28.02	1.6	48	758	11:37:42	13-Dec-2011
48	26.7	1.6	48	758	11:42:42	13-Dec-2011
49	24.12	1.6	48	758	11:47:42	13-Dec-2011
50	23	1.6	47	758	11:52:42	13-Dec-2011
51	25.89	1.7	47	758	11:57:42	13-Dec-2011
52	24.84	1.7	48	758	12:02:42	13-Dec-2011
53	24.27	1.8	48	758	12:07:42	13-Dec-2011
54	26.1	1.9	48	758	12:12:42	13-Dec-2011
55	25.33	2	49	758	12:17:42	13-Dec-2011
56	23.59	2.1	48	758	12:22:42	13-Dec-2011
57	22.69	2.2	47	758	12:27:42	13-Dec-2011
58	25.6	2.3	47	758	12:32:42	13-Dec-2011
59	29.61	2.3	48	758	12:37:42	13-Dec-2011
60	28.94	2.4	49	758	12:42:42	13-Dec-2011
61	33.61	2.4	50	758	12:47:42	13-Dec-2011
62	33.09	2.5	51	758	12:52:42	13-Dec-2011
63	35.52	2.5	51	758	12:57:42	13-Dec-2011
64	35.51	2.6	52	758	13:02:42	13-Dec-2011
65	37.87	2.7	52	756	13:07:42	13-Dec-2011
66	36.61	2.7	52	756	13:12:42	13-Dec-2011
67	36.38	2.7	52	756	13:17:42	13-Dec-2011
68	38.78	2.7	52	756	13:22:42	13-Dec-2011
69	38.08	2.6	52	756	13:27:42	13-Dec-2011
70	36.95	2.6	52	756	13:32:42	13-Dec-2011
71	36.56	2.6	53	756	13:37:42	13-Dec-2011
72	35.48	2.6	53	756	13:42:42	13-Dec-2011
73	36.03	2.6	53	756	13:47:42	13-Dec-2011
74	37.33	2.6	52	756	13:52:42	13-Dec-2011
75	38.23	2.6	52	756	13:57:42	13-Dec-2011
76	39.79	2.5	52	756	14:02:42	13-Dec-2011
77	41.67	2.5	52	756	14:07:42	13-Dec-2011
78	40.48	2.5	53	756	14:12:42	13-Dec-2011
79	45.03	2.5	53	756	14:17:42	13-Dec-2011
80	42.95	2.5	53	756	14:22:42	13-Dec-2011
81	45.14	2.5	53	756	14:27:42	13-Dec-2011
82	44.99	2.4	54	756	14:32:42	13-Dec-2011
83	45.93	2.4	54	756	14:37:42	13-Dec-2011
84	49.07	2.4	54	756	14:42:42	13-Dec-2011
85	48.55	2.3	54	756	14:47:42	13-Dec-2011
86	46.24	2.2	54	756	14:52:42	13-Dec-2011
87	49.43	2.1	54	756	14:57:42	13-Dec-2011
88	50.38	2.1	55	756	15:02:42	13-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
89	51.39	2	55	756	15:07:42	13-Dec-2011
90	51.26	2	55	756	15:12:42	13-Dec-2011
91	54.8	1.9	55	756	15:17:42	13-Dec-2011
92	54	1.9	56	756	15:22:42	13-Dec-2011
93	56.8	1.8	56	756	15:27:42	13-Dec-2011
1	66.08	1.3	58	756	15:46:13	13-Dec-2011
2	60.32	1.3	59	756	15:51:13	13-Dec-2011
3	59.16	1.3	60	756	15:56:13	13-Dec-2011
4	69.92	1.3	61	756	16:01:13	13-Dec-2011
5	59.48	1.2	61	756	16:06:13	13-Dec-2011
6	56.53	1.2	61	756	16:11:13	13-Dec-2011
7	56.6	1.2	61	756	16:16:13	13-Dec-2011
8	52.43	1.1	61	756	16:21:13	13-Dec-2011
9	41.71	1.1	60	756	16:26:13	13-Dec-2011
10	38.4	1	58	756	16:31:13	13-Dec-2011
1	-3.95	17.4	48	734	10:16:04	15-Dec-2011
2	-3.97	17.6	50	738	10:21:04	15-Dec-2011
3	-3.71	17.2	51	738	10:26:04	15-Dec-2011
4	-3.86	16.9	53	738	10:31:04	15-Dec-2011
5	-3.77	16.5	54	738	10:36:04	15-Dec-2011
6	-3.67	16.2	55	738	10:41:04	15-Dec-2011
7	-3.69	15.8	56	738	10:46:04	15-Dec-2011
8	-3.85	15.5	57	738	10:51:04	15-Dec-2011
9	3.24	15.1	61	738	10:56:04	15-Dec-2011
1	-0.78	17	23	752	06:25:05	16-Dec-2011
2	-1.25	15.6	20	752	06:30:05	16-Dec-2011
3	-1.6	14.2	20	752	06:35:05	16-Dec-2011
4	-1	12.8	19	752	06:40:05	16-Dec-2011
5	-1.03	11.4	20	752	06:45:05	16-Dec-2011
6	-0.51	10.2	21	752	06:50:05	16-Dec-2011
7	2.19	9	22	752	06:55:05	16-Dec-2011
8	3.53	8	23	752	07:00:05	16-Dec-2011
9	8.12	6.9	25	754	07:05:05	16-Dec-2011
10	7.84	6	26	754	07:10:05	16-Dec-2011
11	5.77	5.2	27	754	07:15:05	16-Dec-2011
12	2.52	4.5	28	754	07:20:05	16-Dec-2011
13	2.27	3.9	29	754	07:25:05	16-Dec-2011
14	42.47	3.3	31	754	07:30:05	16-Dec-2011
15	2.44	2.8	32	754	07:35:05	16-Dec-2011
16	2.61	2.3	33	754	07:40:05	16-Dec-2011
17	2.99	1.8	34	754	07:45:05	16-Dec-2011
18	5.45	1.4	35	754	07:50:05	16-Dec-2011
19	30.86	1.1	36	754	07:55:05	16-Dec-2011
20	21.3	0.7	37	754	08:00:05	16-Dec-2011
21	6.57	0.4	38	754	08:05:05	16-Dec-2011
22	9.8	0	39	754	08:10:05	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
23	4.84	-0.2	39	754	08:15:05	16-Dec-2011
24	14.33	-0.5	40	754	08:20:05	16-Dec-2011
25	8.32	-0.8	41	754	08:25:05	16-Dec-2011
26	20.91	-1	42	754	08:30:05	16-Dec-2011
27	15.77	-1.2	43	754	08:35:05	16-Dec-2011
28	16.02	-1.4	44	754	08:40:05	16-Dec-2011
29	12	-1.5	44	754	08:45:05	16-Dec-2011
30	21.41	-1.7	45	754	08:50:05	16-Dec-2011
31	14.42	-1.8	45	754	08:55:05	16-Dec-2011
32	17.72	-2	46	754	09:00:05	16-Dec-2011
33	4.5	-2.1	46	754	09:05:05	16-Dec-2011
34	11.39	-2.2	46	754	09:10:05	16-Dec-2011
35	5.33	-2.2	46	754	09:15:05	16-Dec-2011
36	7.65	-2.3	47	754	09:20:05	16-Dec-2011
37	3.74	-2.4	47	754	09:25:05	16-Dec-2011
38	4.78	-2.5	47	754	09:30:05	16-Dec-2011
39	4.15	-2.5	47	754	09:35:05	16-Dec-2011
40	4.72	-2.6	48	754	09:40:05	16-Dec-2011
41	4.35	-2.6	48	754	09:45:05	16-Dec-2011
42	3.33	-2.6	48	754	09:50:05	16-Dec-2011
43	4.53	-2.6	49	754	09:55:05	16-Dec-2011
44	3.48	-2.6	49	754	10:00:05	16-Dec-2011
45	3.86	-2.6	49	754	10:05:05	16-Dec-2011
46	3.39	-2.6	49	754	10:10:05	16-Dec-2011
47	3.08	-2.5	50	754	10:15:05	16-Dec-2011
48	3.3	-2.5	50	754	10:20:05	16-Dec-2011
49	3.49	-2.5	50	754	10:25:05	16-Dec-2011
50	3.93	-2.5	50	754	10:30:05	16-Dec-2011
51	2.59	-2.4	50	754	10:35:05	16-Dec-2011
52	1.95	-2.4	50	754	10:40:05	16-Dec-2011
53	2.21	-2.3	49	754	10:45:05	16-Dec-2011
54	8.16	-2.3	50	754	10:50:05	16-Dec-2011
55	6.46	-2.3	50	754	10:55:05	16-Dec-2011
56	3.74	-2.3	50	754	11:00:05	16-Dec-2011
57	5.06	-2.2	50	754	11:05:05	16-Dec-2011
58	3.04	-2.2	50	754	11:10:05	16-Dec-2011
59	1.85	-2.1	50	754	11:15:05	16-Dec-2011
60	1.61	-2.1	50	754	11:20:05	16-Dec-2011
61	1.52	-2	50	754	11:25:05	16-Dec-2011
62	1.61	-1.9	50	754	11:30:05	16-Dec-2011
63	1.53	-1.9	49	754	11:35:05	16-Dec-2011
64	1.73	-1.8	49	754	11:40:05	16-Dec-2011
65	2.87	-1.8	50	754	11:45:05	16-Dec-2011
66	1.69	-1.7	49	754	11:50:05	16-Dec-2011
67	20.29	-1.7	49	754	11:55:05	16-Dec-2011
68	1.42	-1.7	49	754	12:00:05	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
69	1.25	-1.6	49	754	12:05:05	16-Dec-2011
70	1.45	-1.6	49	754	12:10:05	16-Dec-2011
71	1.27	-1.6	49	754	12:15:05	16-Dec-2011
72	1.16	-1.6	49	754	12:20:05	16-Dec-2011
73	1.27	-1.7	49	754	12:25:05	16-Dec-2011
74	1.25	-1.7	49	754	12:30:05	16-Dec-2011
75	1.91	-1.7	49	754	12:35:05	16-Dec-2011
76	2.62	-1.7	49	754	12:40:05	16-Dec-2011
77	2.88	-1.7	50	754	12:45:05	16-Dec-2011
78	4.24	-1.8	50	754	12:50:05	16-Dec-2011
79	3.41	-1.8	50	754	12:55:05	16-Dec-2011
80	4.13	-1.8	50	754	13:00:05	16-Dec-2011
81	8.67	-1.8	51	754	13:05:05	16-Dec-2011
82	3.71	-1.8	51	754	13:10:05	16-Dec-2011
83	3.21	-1.9	51	754	13:15:05	16-Dec-2011
84	5.36	-1.9	51	754	13:20:05	16-Dec-2011
85	5.47	-1.9	51	754	13:25:05	16-Dec-2011
86	5.37	-1.9	52	754	13:30:05	16-Dec-2011
87	4.62	-1.9	52	754	13:35:05	16-Dec-2011
88	4.74	-1.9	53	754	13:40:05	16-Dec-2011
89	4.05	-1.9	53	754	13:45:05	16-Dec-2011
90	4.06	-1.9	53	754	13:50:05	16-Dec-2011
91	6.49	-1.9	53	754	13:55:05	16-Dec-2011
92	3.56	-2	53	754	14:00:05	16-Dec-2011
93	7.42	-2	53	754	14:05:05	16-Dec-2011
94	3.92	-2	53	754	14:10:05	16-Dec-2011
95	4.11	-2	53	754	14:15:05	16-Dec-2011
96	4.76	-2	52	754	14:20:05	16-Dec-2011
97	3.83	-2.1	52	754	14:25:05	16-Dec-2011
98	5.34	-2.1	53	754	14:30:05	16-Dec-2011
99	5.72	-2.1	53	754	14:35:05	16-Dec-2011
100	3.67	-2.1	52	754	14:40:05	16-Dec-2011
101	4.63	-2.2	52	754	14:45:05	16-Dec-2011
102	4.52	-2.2	52	754	14:50:05	16-Dec-2011
103	4.58	-2.2	52	754	14:55:05	16-Dec-2011
104	5.21	-2.3	53	754	15:00:05	16-Dec-2011
105	12.54	-2.3	53	754	15:05:05	16-Dec-2011
106	14.71	-2.3	53	754	15:10:05	16-Dec-2011
107	9.91	-2.4	54	754	15:15:05	16-Dec-2011
108	6.25	-2.4	54	754	15:20:05	16-Dec-2011
109	9.14	-2.5	54	754	15:25:05	16-Dec-2011
110	5.22	-2.5	54	754	15:30:05	16-Dec-2011
111	3.67	-2.6	54	754	15:35:05	16-Dec-2011
112	8.22	-2.6	54	754	15:40:05	16-Dec-2011
113	3.98	-2.6	54	754	15:45:05	16-Dec-2011
114	8.15	-2.7	54	754	15:50:05	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 105.53 ug/m3
Serial no. **1017442506** Max. Concentration allowed 15,000 ug/m3
Unit Number **Unit #2**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
115	4.08	-2.7	54	754	15:55:05	16-Dec-2011
116	3.62	-2.8	54	754	16:00:05	16-Dec-2011
117	3.73	-2.8	55	754	16:05:05	16-Dec-2011
118	3.64	-2.9	55	754	16:10:05	16-Dec-2011
1	5.79	15.4	23	744	06:55:13	19-Dec-2011
2	5.23	14.4	24	744	07:00:13	19-Dec-2011
3	5.4	13.5	25	744	07:05:13	19-Dec-2011
4	5.91	12.7	26	744	07:10:13	19-Dec-2011
5	6.58	11.9	27	744	07:15:13	19-Dec-2011
6	6.45	11.1	29	744	07:20:13	19-Dec-2011
7	6.98	10.4	30	744	07:25:13	19-Dec-2011
8	7.3	9.8	31	744	07:30:13	19-Dec-2011
9	7.97	9.2	33	744	07:35:13	19-Dec-2011
10	7.76	8.7	34	744	07:40:13	19-Dec-2011
11	7.97	8.2	35	744	07:45:13	19-Dec-2011
12	8.19	7.8	36	744	07:50:13	19-Dec-2011
13	8.09	7.4	37	744	07:55:13	19-Dec-2011
14	11.15	7	39	744	08:00:13	19-Dec-2011
15	9.34	6.7	40	744	08:05:13	19-Dec-2011
16	8.99	6.4	41	744	08:10:13	19-Dec-2011
17	9.45	6.1	42	744	08:15:13	19-Dec-2011
18	9.12	5.8	43	744	08:20:13	19-Dec-2011
19	9.07	5.6	44	744	08:25:13	19-Dec-2011
20	9.37	5.4	45	744	08:30:13	19-Dec-2011
21	9.01	5.2	45	744	08:35:13	19-Dec-2011
22	9.06	5	46	744	08:40:13	19-Dec-2011
23	9.81	4.8	47	744	08:45:13	19-Dec-2011
24	9.91	4.7	48	744	08:50:13	19-Dec-2011
25	9.99	4.6	48	744	08:55:13	19-Dec-2011
26	9.78	4.5	49	744	09:00:13	19-Dec-2011
27	9.53	4.4	50	744	09:05:13	19-Dec-2011
28	10.96	4.3	51	744	09:10:13	19-Dec-2011
29	10.1	4.1	52	744	09:15:13	19-Dec-2011
30	9.72	4.1	52	744	09:20:13	19-Dec-2011
31	9.68	4	53	744	09:25:13	19-Dec-2011
32	9.87	4	53	744	09:30:13	19-Dec-2011
33	9.45	4	53	744	09:35:13	19-Dec-2011
34	14.01	4	54	744	09:40:13	19-Dec-2011
35	9.65	4	54	744	09:45:13	19-Dec-2011
36	9.29	4	54	744	09:50:13	19-Dec-2011
37	9.67	4	54	744	09:55:13	19-Dec-2011
38	9.57	4	55	744	10:00:13	19-Dec-2011
39	9.22	4	55	744	10:05:13	19-Dec-2011
40	9.78	4	55	744	10:10:13	19-Dec-2011
41	10.56	4.1	56	744	10:15:13	19-Dec-2011
42	9.54	4.1	56	744	10:20:13	19-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
43	9.16	4.1	56	744	10:25:13	19-Dec-2011
44	9.53	4.1	56	744	10:30:13	19-Dec-2011
45	9.25	4.1	56	744	10:35:13	19-Dec-2011
46	9.46	4.1	57	744	10:40:13	19-Dec-2011
47	9.61	4.2	57	744	10:45:13	19-Dec-2011
48	9.59	4.2	57	744	10:50:13	19-Dec-2011
49	9.33	4.2	57	744	10:55:13	19-Dec-2011
50	9.78	4.3	57	744	11:00:13	19-Dec-2011
51	9.97	4.3	58	744	11:05:13	19-Dec-2011
52	10.39	4.3	59	744	11:10:13	19-Dec-2011
53	9.72	4.4	59	744	11:15:13	19-Dec-2011
54	9.75	4.4	59	744	11:20:13	19-Dec-2011
55	9.38	4.5	59	744	11:25:13	19-Dec-2011
56	9.59	4.5	59	744	11:30:13	19-Dec-2011
57	9.5	4.6	59	744	11:35:13	19-Dec-2011
58	9.59	4.6	59	744	11:40:13	19-Dec-2011
59	9.82	4.7	59	744	11:45:13	19-Dec-2011
60	9.83	4.7	59	744	11:50:13	19-Dec-2011
61	9.56	4.8	59	744	11:55:13	19-Dec-2011
62	9.71	4.8	59	744	12:00:13	19-Dec-2011
63	9.79	4.9	59	744	12:05:13	19-Dec-2011
64	9.7	4.9	59	744	12:10:13	19-Dec-2011
65	9.71	5	59	744	12:15:13	19-Dec-2011
66	9.81	5.1	59	744	12:20:13	19-Dec-2011
67	9.84	5.2	59	744	12:25:13	19-Dec-2011
68	17.23	5.2	60	744	12:30:13	19-Dec-2011
69	11.05	5.3	59	744	12:35:13	19-Dec-2011
70	10.16	5.4	59	744	12:40:13	19-Dec-2011
71	9.62	5.5	59	744	12:45:13	19-Dec-2011
72	9.63	5.6	58	744	12:50:13	19-Dec-2011
73	9.54	5.7	58	744	12:55:13	19-Dec-2011
74	10.38	5.8	58	744	13:00:13	19-Dec-2011
75	9.27	5.9	58	744	13:05:13	19-Dec-2011
76	8.62	5.9	58	744	13:10:13	19-Dec-2011
77	8.88	6	58	744	13:15:13	19-Dec-2011
78	8.69	6.1	58	744	13:20:13	19-Dec-2011
79	8.46	6.2	58	744	13:25:13	19-Dec-2011
80	9.13	6.2	58	744	13:30:13	19-Dec-2011
81	8.95	6.4	59	744	13:35:13	19-Dec-2011
82	9.22	6.5	58	744	13:40:13	19-Dec-2011
83	8.75	6.6	58	744	13:45:13	19-Dec-2011
84	8.4	6.8	57	744	13:50:13	19-Dec-2011
85	8.57	6.9	57	744	13:55:13	19-Dec-2011
86	8.57	7	57	744	14:00:13	19-Dec-2011
87	8.69	7	57	744	14:05:13	19-Dec-2011
88	8.62	7.1	57	744	14:10:13	19-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
89	8.71	7.1	57	744	14:15:13	19-Dec-2011
90	8.55	7.2	57	744	14:20:13	19-Dec-2011
91	8.62	7.2	57	744	14:25:13	19-Dec-2011
92	8.51	7.3	57	744	14:30:13	19-Dec-2011
93	8.12	7.4	57	744	14:35:13	19-Dec-2011
94	8.22	7.5	56	744	14:40:13	19-Dec-2011
95	7.17	7.6	55	744	14:45:13	19-Dec-2011
96	7.35	7.7	55	744	14:50:13	19-Dec-2011
97	7.03	7.8	54	744	14:55:13	19-Dec-2011
98	6.63	7.8	54	744	15:00:13	19-Dec-2011
99	6.97	7.9	54	744	15:05:13	19-Dec-2011
100	12.44	7.9	53	744	15:10:13	19-Dec-2011
101	8.82	7.9	53	744	15:15:13	19-Dec-2011
102	12.05	7.9	53	744	15:20:13	19-Dec-2011
103	14.55	7.9	53	744	15:25:13	19-Dec-2011
104	9.72	7.9	53	744	15:30:13	19-Dec-2011
105	9.86	7.9	53	744	15:35:13	19-Dec-2011
106	10.42	7.9	53	744	15:40:13	19-Dec-2011
107	11.61	7.8	54	744	15:45:13	19-Dec-2011
108	10.08	7.8	53	744	15:50:13	19-Dec-2011
109	10.15	7.7	54	744	15:55:13	19-Dec-2011
110	9.98	7.7	54	744	16:00:13	19-Dec-2011
111	10.22	7.7	54	744	16:05:13	19-Dec-2011
1	1.3	16.8	23	752	06:29:13	20-Dec-2011
2	0.68	15.8	21	752	06:34:13	20-Dec-2011
3	0.25	14.6	21	752	06:39:13	20-Dec-2011
4	0	12.9	21	752	06:44:13	20-Dec-2011
5	-0.78	11.5	22	752	06:49:13	20-Dec-2011
6	-0.43	10.3	22	752	06:54:13	20-Dec-2011
7	1.16	9.3	23	752	06:59:13	20-Dec-2011
8	0.17	8.3	24	752	07:04:13	20-Dec-2011
9	-0.17	7.5	25	752	07:09:13	20-Dec-2011
10	0.74	6.7	27	752	07:14:13	20-Dec-2011
11	0.25	6	28	752	07:19:13	20-Dec-2011
12	0.73	5.4	29	752	07:24:13	20-Dec-2011
13	1.33	4.8	30	752	07:29:13	20-Dec-2011
14	0.71	4.2	31	752	07:34:13	20-Dec-2011
15	1.27	3.7	33	752	07:39:13	20-Dec-2011
16	1.69	3.3	34	752	07:44:13	20-Dec-2011
17	2.81	2.8	34	752	07:49:13	20-Dec-2011
18	1.1	2.5	35	752	07:54:13	20-Dec-2011
19	1.79	2.1	37	752	07:59:13	20-Dec-2011
20	2.56	1.6	38	752	08:04:13	20-Dec-2011
21	2.44	1.2	39	752	08:09:13	20-Dec-2011
22	1.77	0.9	40	752	08:14:13	20-Dec-2011
23	2.19	0.7	41	752	08:19:13	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
24	1.63	0.5	42	752	08:24:13	20-Dec-2011
25	2.15	0.3	42	752	08:29:13	20-Dec-2011
26	2.32	0.1	43	752	08:34:13	20-Dec-2011
27	2.05	0	44	752	08:39:13	20-Dec-2011
28	2.3	-0.1	44	752	08:44:13	20-Dec-2011
29	3.4	-0.2	45	752	08:49:13	20-Dec-2011
30	4.11	-0.3	46	752	08:54:13	20-Dec-2011
31	6.37	-0.5	47	752	08:59:13	20-Dec-2011
32	5.05	-0.6	47	752	09:04:13	20-Dec-2011
33	3.1	-0.7	47	752	09:09:13	20-Dec-2011
34	2.96	-0.8	47	752	09:14:13	20-Dec-2011
35	3.36	-0.8	48	752	09:19:13	20-Dec-2011
36	5.95	-0.9	48	752	09:24:13	20-Dec-2011
37	5.67	-1	49	752	09:29:13	20-Dec-2011
38	3.78	-1.1	50	752	09:34:13	20-Dec-2011
39	2.82	-1.2	50	752	09:39:13	20-Dec-2011
40	2.33	-1.2	51	752	09:44:13	20-Dec-2011
41	2.64	-1.3	51	752	09:49:13	20-Dec-2011
42	2.48	-1.3	52	752	09:54:13	20-Dec-2011
43	3.03	-1.3	53	752	09:59:13	20-Dec-2011
44	2	-1.4	53	752	10:04:13	20-Dec-2011
45	4.32	-1.4	54	752	10:09:13	20-Dec-2011
46	3	-1.4	54	752	10:14:13	20-Dec-2011
47	6.48	-1.5	54	752	10:19:13	20-Dec-2011
48	2.08	-1.5	55	752	10:24:13	20-Dec-2011
49	10.59	-1.6	55	752	10:29:13	20-Dec-2011
50	5.61	-1.6	55	752	10:34:13	20-Dec-2011
51	6.71	-1.6	56	752	10:39:13	20-Dec-2011
52	1.85	-1.7	56	752	10:44:13	20-Dec-2011
53	1.12	-1.8	57	752	10:49:13	20-Dec-2011
54	1.58	-1.9	56	752	10:54:13	20-Dec-2011
55	2.4	-1.9	56	752	10:59:13	20-Dec-2011
56	2.61	-1.9	56	752	11:04:13	20-Dec-2011
57	6.46	-2	57	752	11:09:13	20-Dec-2011
58	6.3	-2	57	752	11:14:13	20-Dec-2011
59	2.96	-2	57	752	11:19:13	20-Dec-2011
60	7.08	-2	57	752	11:24:13	20-Dec-2011
61	2.01	-2.1	57	752	11:29:13	20-Dec-2011
62	5.16	-2.1	57	752	11:34:13	20-Dec-2011
63	19.14	-2.1	57	752	11:39:13	20-Dec-2011
64	13.59	-2.1	57	750	11:44:13	20-Dec-2011
65	3.88	-2.1	58	750	11:49:13	20-Dec-2011
66	5.52	-2.1	58	750	11:54:13	20-Dec-2011
67	7.38	-2	59	750	11:59:13	20-Dec-2011
68	1.26	-2	59	750	12:04:13	20-Dec-2011
69	1.22	-2	59	750	12:09:13	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 105.53 ug/m3
Serial no. **1017442506** Max. Concentration allowed 15,000 ug/m3
Unit Number **Unit #2**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
70	1.17	-2	59	750	12:14:13	20-Dec-2011
71	1.35	-2	59	750	12:19:13	20-Dec-2011
72	1.38	-2	58	750	12:24:13	20-Dec-2011
73	1.3	-2	58	750	12:29:13	20-Dec-2011
74	1.19	-2	57	750	12:34:13	20-Dec-2011
75	1.43	-2	57	750	12:39:13	20-Dec-2011
76	2.34	-2	56	750	12:44:13	20-Dec-2011
77	2.69	-2	56	750	12:49:13	20-Dec-2011
78	2.04	-2	56	750	12:54:13	20-Dec-2011
79	3.55	-2	56	750	12:59:13	20-Dec-2011
80	23.71	-2	56	750	13:04:13	20-Dec-2011
81	6.5	-2	56	750	13:09:13	20-Dec-2011
82	1.9	-2	56	750	13:14:13	20-Dec-2011
83	2.06	-2	56	750	13:19:13	20-Dec-2011
84	1.42	-2	56	750	13:24:13	20-Dec-2011
85	1.19	-2	56	750	13:29:13	20-Dec-2011
86	1.81	-2	56	750	13:34:13	20-Dec-2011
87	1.4	-1.9	56	750	13:39:13	20-Dec-2011
88	1.5	-1.9	57	750	13:44:13	20-Dec-2011
89	5.13	-1.9	57	748	13:49:13	20-Dec-2011
90	2.84	-1.9	58	748	13:54:13	20-Dec-2011
91	1.57	-1.8	58	748	13:59:13	20-Dec-2011
92	2.17	-1.8	58	748	14:04:13	20-Dec-2011
93	21.54	-1.8	58	748	14:09:13	20-Dec-2011
94	4.2	-1.7	58	748	14:14:13	20-Dec-2011
95	17.92	-1.7	58	748	14:19:13	20-Dec-2011
96	4.81	-1.7	58	748	14:24:13	20-Dec-2011
97	5.75	-1.6	58	748	14:29:13	20-Dec-2011
98	13.99	-1.6	59	748	14:34:13	20-Dec-2011
99	3.5	-1.6	60	748	14:39:13	20-Dec-2011
100	3.12	-1.5	60	748	14:44:13	20-Dec-2011
101	3.37	-1.5	61	748	14:49:13	20-Dec-2011
102	2.59	-1.4	60	748	14:54:13	20-Dec-2011
103	6.73	-1.4	60	748	14:59:13	20-Dec-2011
104	2.77	-1.4	60	748	15:04:13	20-Dec-2011
105	2.74	-1.4	60	748	15:09:13	20-Dec-2011
106	2.25	-1.4	60	748	15:14:13	20-Dec-2011
107	3.47	-1.4	59	748	15:19:13	20-Dec-2011
108	5.77	-1.5	60	748	15:24:13	20-Dec-2011
109	5.16	-1.5	60	748	15:29:13	20-Dec-2011
110	3.57	-1.5	60	748	15:34:13	20-Dec-2011
111	2.98	-1.5	60	748	15:39:13	20-Dec-2011
112	2.94	-1.5	61	748	15:44:13	20-Dec-2011
113	3.88	-1.6	61	748	15:49:13	20-Dec-2011
114	3.45	-1.6	61	748	15:54:13	20-Dec-2011
115	3.36	-1.6	61	748	15:59:13	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	105.53	ug/m3	
Serial no.	**1017442506**	Max. Concentration allowed	15,000	ug/m3	
Unit Number	**Unit #2**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
116	3.61	-1.6	62	748	16:04:13	20-Dec-2011
117	3.41	-1.6	62	748	16:09:13	20-Dec-2011
118	4.03	-1.6	62	748	16:14:13	20-Dec-2011
119	6.24	-1.7	62	748	16:19:13	20-Dec-2011
120	5.79	-1.7	63	748	16:24:13	20-Dec-2011
121	4.42	-1.7	63	748	16:29:13	20-Dec-2011
122	4.72	-1.7	63	748	16:34:13	20-Dec-2011
123	5.48	-1.7	63	748	16:39:13	20-Dec-2011
124	5.68	-1.8	63	748	16:44:13	20-Dec-2011
125	5.6	-1.8	63	748	16:49:13	20-Dec-2011
126	10.35	-1.8	63	748	16:54:13	20-Dec-2011
127	5.43	-1.8	63	748	16:59:13	20-Dec-2011
128	4.7	-1.9	63	748	17:04:13	20-Dec-2011
129	5.13	-1.9	64	748	17:09:13	20-Dec-2011
130	5.79	-1.9	64	748	17:14:13	20-Dec-2011
131	5.04	-2	64	748	17:19:13	20-Dec-2011

TSP Perimeter Air Monitoring results – Unit 3

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
1	13.85	16.1	29	748	09:54:36	10-Nov-2011
2	14.59	15	27	748	09:59:36	10-Nov-2011
3	15.41	14.2	28	748	10:04:36	10-Nov-2011
4	15.82	13.5	30	748	10:09:36	10-Nov-2011
5	16.28	12.8	31	748	10:14:36	10-Nov-2011
6	17.13	12.2	32	748	10:19:36	10-Nov-2011
7	17.88	11.6	33	748	10:24:36	10-Nov-2011
8	18.49	11.1	34	748	10:29:36	10-Nov-2011
9	18.58	10.6	35	748	10:34:36	10-Nov-2011
10	19.15	10.2	36	748	10:39:36	10-Nov-2011
11	19.65	9.8	38	748	10:44:36	10-Nov-2011
12	20.42	9.4	39	748	10:49:36	10-Nov-2011
13	21.06	8.9	40	748	10:54:36	10-Nov-2011
14	22.18	8.6	41	748	10:59:36	10-Nov-2011
15	22.63	8.3	42	748	11:04:36	10-Nov-2011
16	23.19	8.1	43	748	11:09:36	10-Nov-2011
17	23.52	7.9	42	748	11:14:36	10-Nov-2011
18	24.16	7.6	43	748	11:19:36	10-Nov-2011
19	23.48	7.5	43	748	11:24:36	10-Nov-2011
20	23.15	7.4	43	748	11:29:36	10-Nov-2011
21	23.89	7.2	42	748	11:34:36	10-Nov-2011
22	24.09	7.1	43	748	11:39:36	10-Nov-2011
23	23.79	7	44	748	11:44:36	10-Nov-2011
24	23.65	7	43	748	11:49:36	10-Nov-2011
25	23.01	6.8	43	748	11:54:36	10-Nov-2011
26	22.2	6.6	43	748	11:59:36	10-Nov-2011
27	21.26	6.5	43	748	12:04:36	10-Nov-2011
28	20.31	6.4	43	748	12:09:36	10-Nov-2011
29	20.67	6.4	42	748	12:14:36	10-Nov-2011
30	18.94	6.3	41	748	12:19:36	10-Nov-2011
31	18.61	6.2	39	748	12:24:36	10-Nov-2011
32	18.51	6.1	40	748	12:29:36	10-Nov-2011
33	18.68	6.1	40	748	12:34:36	10-Nov-2011
34	18.81	6.2	40	748	12:39:36	10-Nov-2011
35	18.2	6.2	39	746	12:44:36	10-Nov-2011
36	18.59	6.2	37	746	12:49:36	10-Nov-2011
37	18.02	6.1	37	746	12:54:36	10-Nov-2011
38	18.74	6	38	746	12:59:36	10-Nov-2011
39	17.5	5.9	37	746	13:04:36	10-Nov-2011
40	17.31	5.9	37	746	13:09:36	10-Nov-2011
41	17.67	6	38	746	13:14:36	10-Nov-2011
42	17.42	6	38	746	13:19:36	10-Nov-2011
43	16.34	6.1	38	746	13:24:36	10-Nov-2011
44	14.42	6.1	36	746	13:29:36	10-Nov-2011
45	14.02	6.2	36	746	13:34:36	10-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
46	14.42	6.3	36	746	13:39:36	10-Nov-2011
47	14.63	6.4	37	746	13:44:36	10-Nov-2011
48	14.01	6.4	36	746	13:49:36	10-Nov-2011
49	14	6.5	36	746	13:54:36	10-Nov-2011
50	13.41	6.5	36	746	13:59:36	10-Nov-2011
51	13.15	6.5	35	746	14:04:36	10-Nov-2011
52	12.53	6.5	34	746	14:09:36	10-Nov-2011
53	11.9	6.5	34	746	14:14:36	10-Nov-2011
54	11.5	6.6	34	746	14:19:36	10-Nov-2011
55	10.98	6.6	33	746	14:24:36	10-Nov-2011
56	10.84	6.7	32	746	14:29:36	10-Nov-2011
57	10.72	6.7	32	746	14:34:36	10-Nov-2011
58	10.99	6.7	31	746	14:39:36	10-Nov-2011
59	10.94	6.6	32	746	14:44:36	10-Nov-2011
60	11.02	6.5	32	746	14:49:36	10-Nov-2011
61	10.35	6.4	30	746	14:54:36	10-Nov-2011
62	10.53	6.3	31	746	14:59:36	10-Nov-2011
63	10.43	6.3	31	746	15:04:36	10-Nov-2011
1	4.56	15	26	746	07:48:37	11-Nov-2011
2	4.7	13.8	26	748	07:53:37	11-Nov-2011
3	5.31	12.5	28	748	07:58:37	11-Nov-2011
4	5.78	11.4	30	748	08:03:37	11-Nov-2011
5	6.32	10.4	32	748	08:08:37	11-Nov-2011
6	6.76	9.5	34	748	08:13:37	11-Nov-2011
7	6.98	8.7	36	748	08:18:37	11-Nov-2011
8	7.1	8	38	748	08:23:37	11-Nov-2011
9	7.37	7.4	40	748	08:28:37	11-Nov-2011
10	9.04	6.6	42	748	08:33:37	11-Nov-2011
11	7.62	6	44	748	08:38:37	11-Nov-2011
12	8.2	5.5	46	748	08:43:37	11-Nov-2011
13	7.55	5.1	48	748	08:48:37	11-Nov-2011
14	7.36	4.8	49	748	08:53:37	11-Nov-2011
15	7.3	4.6	50	748	08:58:37	11-Nov-2011
16	7.1	4.4	51	748	09:03:37	11-Nov-2011
17	7.11	4.3	52	748	09:08:37	11-Nov-2011
18	6.89	4.3	52	748	09:13:37	11-Nov-2011
19	6.8	4.4	52	748	09:18:37	11-Nov-2011
20	6.9	4.4	52	748	09:23:37	11-Nov-2011
21	6.81	4.4	52	748	09:28:37	11-Nov-2011
22	6.5	4.2	52	748	09:33:37	11-Nov-2011
23	6.49	4.2	52	748	09:38:37	11-Nov-2011
24	6.5	4.2	53	748	09:43:37	11-Nov-2011
25	6.88	4.2	53	748	09:48:37	11-Nov-2011
26	7.08	4.3	53	748	09:53:37	11-Nov-2011
27	6.69	4.3	52	748	09:58:37	11-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
28	6.53	4.3	52	748	10:03:37	11-Nov-2011
29	7.19	4.4	52	748	10:08:37	11-Nov-2011
30	7.27	4.4	52	750	10:13:37	11-Nov-2011
31	7.17	4.4	51	750	10:18:37	11-Nov-2011
32	7.08	4.3	52	750	10:23:37	11-Nov-2011
33	7.27	4.3	52	750	10:28:37	11-Nov-2011
34	6.62	4.2	52	750	10:33:37	11-Nov-2011
35	6.52	4.2	51	750	10:38:37	11-Nov-2011
36	6.65	4.2	51	750	10:43:37	11-Nov-2011
37	6.43	4.2	51	750	10:48:37	11-Nov-2011
38	12.22	4.2	50	750	10:53:37	11-Nov-2011
39	6.9	4.2	50	750	10:58:37	11-Nov-2011
40	7	4.3	50	750	11:03:37	11-Nov-2011
41	6.87	4.3	49	750	11:08:37	11-Nov-2011
42	6.97	4.3	49	750	11:13:37	11-Nov-2011
43	7.25	4.2	50	750	11:18:37	11-Nov-2011
44	7.07	4.2	49	750	11:23:37	11-Nov-2011
45	10.38	4.2	47	750	11:28:37	11-Nov-2011
46	7.07	4.1	47	750	11:33:37	11-Nov-2011
47	7.12	4.1	46	750	11:38:37	11-Nov-2011
48	7.17	4.1	47	750	11:43:37	11-Nov-2011
49	6.93	4.1	46	750	11:48:37	11-Nov-2011
50	6.92	4.2	44	750	11:53:37	11-Nov-2011
51	7.03	4.3	45	748	11:58:37	11-Nov-2011
52	6.78	4.3	44	748	12:03:37	11-Nov-2011
53	6.84	4.4	43	748	12:08:37	11-Nov-2011
54	6.86	4.5	43	748	12:13:37	11-Nov-2011
55	6.67	4.5	43	748	12:18:37	11-Nov-2011
56	6.52	4.5	43	748	12:23:37	11-Nov-2011
57	6.48	4.6	43	748	12:28:37	11-Nov-2011
58	6.55	4.7	42	748	12:33:37	11-Nov-2011
59	9.39	4.8	42	748	12:38:37	11-Nov-2011
60	6.56	4.8	41	748	12:43:37	11-Nov-2011
61	6.62	4.8	41	748	12:48:37	11-Nov-2011
62	6.98	4.7	42	748	12:53:37	11-Nov-2011
63	7.41	4.7	43	748	12:58:37	11-Nov-2011
64	7.18	4.7	42	748	13:03:37	11-Nov-2011
65	7.32	4.7	42	748	13:08:37	11-Nov-2011
66	7.16	4.7	43	748	13:13:37	11-Nov-2011
67	6.82	4.7	40	748	13:18:37	11-Nov-2011
68	6.92	4.6	39	748	13:23:37	11-Nov-2011
69	7.21	4.6	39	748	13:28:37	11-Nov-2011
70	7.08	4.5	39	748	13:33:37	11-Nov-2011
71	7.12	4.5	39	748	13:38:37	11-Nov-2011
72	7.68	4.5	40	748	13:43:37	11-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
73	8.73	4.5	42	748	13:48:37	11-Nov-2011
74	9.52	4.5	44	748	13:53:37	11-Nov-2011
75	10.23	4.5	45	748	13:58:37	11-Nov-2011
76	11.11	4.5	46	748	14:03:37	11-Nov-2011
77	10.78	4.4	46	748	14:08:37	11-Nov-2011
78	10.68	4.4	46	748	14:13:37	11-Nov-2011
79	10.3	4.4	46	748	14:18:37	11-Nov-2011
80	10.05	4.3	46	748	14:23:37	11-Nov-2011
81	9.63	4.3	45	748	14:28:37	11-Nov-2011
82	11.79	4.3	45	748	14:33:37	11-Nov-2011
83	9.7	4.3	44	748	14:38:37	11-Nov-2011
84	8.95	4.3	44	748	14:43:37	11-Nov-2011
85	9	4.2	44	748	14:48:37	11-Nov-2011
86	16.32	4.2	44	748	14:53:37	11-Nov-2011
87	9.14	4.2	44	748	14:58:37	11-Nov-2011
88	9.32	4.2	44	748	15:03:37	11-Nov-2011
89	9.43	4.2	43	748	15:08:37	11-Nov-2011
90	9.4	4.2	42	748	15:13:37	11-Nov-2011
1	2.41	22.2	24	742	07:42:50	14-Nov-2011
2	1.93	21.7	19	742	07:47:50	14-Nov-2011
3	2.44	21.1	19	742	07:52:50	14-Nov-2011
4	3.09	20.4	20	742	07:57:50	14-Nov-2011
5	4.04	19.7	20	742	08:02:50	14-Nov-2011
6	3.28	19	22	742	08:07:50	14-Nov-2011
7	2.89	18.3	22	742	08:12:50	14-Nov-2011
8	3.02	17.7	24	742	08:17:50	14-Nov-2011
9	2.69	17.1	25	742	08:22:50	14-Nov-2011
10	2.82	16.5	26	742	08:27:50	14-Nov-2011
11	3.24	16	27	742	08:32:50	14-Nov-2011
12	6.64	15.6	27	742	08:37:50	14-Nov-2011
13	3.8	15.2	28	742	08:42:50	14-Nov-2011
14	4.13	14.8	29	742	08:47:50	14-Nov-2011
15	7	14.5	30	742	08:52:50	14-Nov-2011
16	7.59	14.2	31	742	08:57:50	14-Nov-2011
17	5.78	13.9	31	742	09:02:50	14-Nov-2011
18	5.96	13.6	33	742	09:07:50	14-Nov-2011
1	12.11	17.9	32	746	07:32:38	15-Nov-2011
2	13.49	17.2	33	746	07:37:38	15-Nov-2011
3	14.91	16.5	35	746	07:42:38	15-Nov-2011
4	15.66	15.7	36	746	07:47:38	15-Nov-2011
5	15.41	14.9	38	746	07:52:38	15-Nov-2011
6	16.14	14.1	39	746	07:57:38	15-Nov-2011
7	20.01	13.4	42	746	08:02:38	15-Nov-2011
8	18.13	12.6	43	746	08:07:38	15-Nov-2011
9	16.34	12	44	746	08:12:38	15-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
10	18.93	11.3	46	746	08:17:38	15-Nov-2011
11	18.35	10.8	48	746	08:22:38	15-Nov-2011
12	21.27	10.2	51	746	08:27:38	15-Nov-2011
13	23.73	9.8	54	746	08:32:38	15-Nov-2011
14	25.33	9.4	56	746	08:37:38	15-Nov-2011
15	24.69	9	57	746	08:42:38	15-Nov-2011
16	22.41	8.7	59	746	08:47:38	15-Nov-2011
17	23.42	8.5	61	746	08:52:38	15-Nov-2011
18	29.29	8.2	63	746	08:57:38	15-Nov-2011
19	29.98	8	65	746	09:02:38	15-Nov-2011
20	30.36	7.9	66	746	09:07:38	15-Nov-2011
21	27.77	7.7	67	746	09:12:38	15-Nov-2011
22	26.33	7.6	68	746	09:17:38	15-Nov-2011
23	29.81	7.5	69	746	09:22:38	15-Nov-2011
24	27.17	7.4	70	746	09:27:38	15-Nov-2011
25	26.19	7.3	71	746	09:32:38	15-Nov-2011
26	27.71	7.2	71	746	09:37:38	15-Nov-2011
27	26.06	7.2	70	746	09:42:38	15-Nov-2011
28	23.6	7.2	70	746	09:47:38	15-Nov-2011
29	24.5	7.2	70	746	09:52:38	15-Nov-2011
30	24	7.2	69	746	09:57:38	15-Nov-2011
31	23.89	7.3	69	746	10:02:38	15-Nov-2011
32	23.05	7.3	68	746	10:07:38	15-Nov-2011
33	22.68	7.3	68	746	10:12:38	15-Nov-2011
34	22.52	7.4	67	746	10:17:38	15-Nov-2011
35	22.87	7.5	68	746	10:22:38	15-Nov-2011
36	22.98	7.6	67	746	10:27:38	15-Nov-2011
37	22.83	7.7	66	746	10:32:38	15-Nov-2011
38	22.85	7.8	65	746	10:37:38	15-Nov-2011
39	22.79	7.9	66	746	10:42:38	15-Nov-2011
40	22.76	8	66	746	10:47:38	15-Nov-2011
41	22.28	8.1	66	746	10:52:38	15-Nov-2011
42	23	8.3	65	746	10:57:38	15-Nov-2011
43	23.01	8.4	64	746	11:02:38	15-Nov-2011
44	21.55	8.6	65	746	11:07:38	15-Nov-2011
45	20.32	8.8	65	746	11:12:38	15-Nov-2011
46	18.81	8.9	64	746	11:17:38	15-Nov-2011
47	18.73	9	63	746	11:22:38	15-Nov-2011
48	18.46	9.2	62	746	11:27:38	15-Nov-2011
49	19	9.3	62	746	11:32:38	15-Nov-2011
50	18.51	9.5	62	746	11:37:38	15-Nov-2011
51	18.98	9.7	61	746	11:42:38	15-Nov-2011
52	18.3	9.9	60	746	11:47:38	15-Nov-2011
53	18.25	10	58	746	11:52:38	15-Nov-2011
54	18.18	10.2	57	746	11:57:38	15-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
55	17.69	10.4	57	746	12:02:38	15-Nov-2011
56	18.53	10.5	57	746	12:07:38	15-Nov-2011
57	18.94	10.6	56	746	12:12:38	15-Nov-2011
58	18.99	10.7	55	746	12:17:38	15-Nov-2011
59	19.45	10.8	54	746	12:22:38	15-Nov-2011
60	19.02	11	54	746	12:27:38	15-Nov-2011
61	18.64	11.1	53	746	12:32:38	15-Nov-2011
62	18.68	11.2	52	746	12:37:38	15-Nov-2011
63	18.92	11.3	53	746	12:42:38	15-Nov-2011
64	18.84	11.4	52	746	12:47:38	15-Nov-2011
65	18.89	11.6	53	746	12:52:38	15-Nov-2011
66	18.9	11.7	52	746	12:57:38	15-Nov-2011
67	19.05	11.8	51	746	13:02:38	15-Nov-2011
68	19.58	11.9	50	746	13:07:38	15-Nov-2011
69	18.74	12	50	746	13:12:38	15-Nov-2011
70	18.23	12.1	49	746	13:17:38	15-Nov-2011
71	17.04	12.2	49	746	13:22:38	15-Nov-2011
72	17.78	12.3	49	746	13:27:38	15-Nov-2011
73	21.3	12.4	49	746	13:32:38	15-Nov-2011
74	18.28	12.4	49	746	13:37:38	15-Nov-2011
75	17.99	12.5	49	746	13:42:38	15-Nov-2011
76	18.31	12.5	49	746	13:47:38	15-Nov-2011
77	18.26	12.5	50	746	13:52:38	15-Nov-2011
78	19.49	12.6	51	746	13:57:38	15-Nov-2011
79	18.85	12.6	53	744	14:02:38	15-Nov-2011
80	19.8	12.6	53	744	14:07:38	15-Nov-2011
81	20.87	12.7	54	744	14:12:38	15-Nov-2011
82	22.08	12.7	55	744	14:17:38	15-Nov-2011
83	21.72	12.8	55	744	14:22:38	15-Nov-2011
84	22.23	12.8	56	744	14:27:38	15-Nov-2011
85	23.93	12.8	56	744	14:32:38	15-Nov-2011
86	22.98	12.8	57	744	14:37:38	15-Nov-2011
87	23.84	12.8	57	744	14:42:38	15-Nov-2011
88	24.15	12.7	58	744	14:47:38	15-Nov-2011
89	24.99	12.6	59	744	14:52:38	15-Nov-2011
90	23.8	12.6	59	744	14:57:38	15-Nov-2011
91	25.44	12.5	59	744	15:02:38	15-Nov-2011
92	25.34	12.5	60	744	15:07:38	15-Nov-2011
1	17.4	19.2	35	746	07:41:00	16-Nov-2011
2	16.22	18.4	31	746	07:46:00	16-Nov-2011
3	16.11	17.6	31	746	07:51:00	16-Nov-2011
4	16.13	16.7	33	746	07:56:00	16-Nov-2011
5	16.54	15.9	34	746	08:01:00	16-Nov-2011
6	16.6	15.1	35	746	08:06:00	16-Nov-2011
7	15.87	14.4	36	746	08:11:00	16-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
8	15.62	13.7	37	746	08:16:00	16-Nov-2011
9	15.26	13.1	38	746	08:21:00	16-Nov-2011
10	14.97	12.6	39	746	08:26:00	16-Nov-2011
11	13.93	12.1	39	746	08:31:00	16-Nov-2011
12	15.62	11.6	40	746	08:36:00	16-Nov-2011
13	15	11.2	41	746	08:41:00	16-Nov-2011
14	15.21	10.8	42	746	08:46:00	16-Nov-2011
15	14.3	10.5	43	746	08:51:00	16-Nov-2011
16	13.37	10.1	43	746	08:56:00	16-Nov-2011
17	12.6	9.9	43	746	09:01:00	16-Nov-2011
18	12.32	9.6	43	746	09:06:00	16-Nov-2011
19	11.69	9.4	43	746	09:11:00	16-Nov-2011
20	10.96	9.1	43	748	09:16:00	16-Nov-2011
21	15.4	8.9	43	748	09:21:00	16-Nov-2011
22	10.3	8.8	43	748	09:26:00	16-Nov-2011
23	11.04	8.6	43	748	09:31:00	16-Nov-2011
24	10.2	8.4	43	748	09:36:00	16-Nov-2011
25	10.04	8.3	44	748	09:41:00	16-Nov-2011
26	9.51	8.2	44	748	09:46:00	16-Nov-2011
27	9.8	8.1	45	748	09:51:00	16-Nov-2011
28	9.47	8	45	748	09:56:00	16-Nov-2011
29	10.03	7.9	46	748	10:01:00	16-Nov-2011
30	9.46	7.8	46	748	10:06:00	16-Nov-2011
31	9.48	7.7	46	748	10:11:00	16-Nov-2011
32	21.07	7.7	45	748	10:16:00	16-Nov-2011
33	8.82	7.6	45	748	10:21:00	16-Nov-2011
34	10.06	7.6	44	748	10:26:00	16-Nov-2011
35	8.51	7.6	44	748	10:31:00	16-Nov-2011
36	7.85	7.6	43	748	10:36:00	16-Nov-2011
37	7.79	7.6	42	748	10:41:00	16-Nov-2011
38	8.13	7.5	41	748	10:46:00	16-Nov-2011
39	7.92	7.5	41	748	10:51:00	16-Nov-2011
40	11.04	7.4	41	748	10:56:00	16-Nov-2011
41	6.77	7.4	39	748	11:01:00	16-Nov-2011
42	6.67	7.3	37	748	11:06:00	16-Nov-2011
43	6.56	7.3	36	748	11:11:00	16-Nov-2011
44	6.17	7.2	35	748	11:16:00	16-Nov-2011
45	6.9	7.2	35	748	11:21:00	16-Nov-2011
46	7.22	7.2	36	748	11:26:00	16-Nov-2011
47	7.16	7.1	36	748	11:31:00	16-Nov-2011
48	6.99	7.1	37	748	11:36:00	16-Nov-2011
49	27.71	7.1	36	748	11:41:00	16-Nov-2011
50	7.68	7.1	37	748	11:46:00	16-Nov-2011
51	7.5	7.1	38	748	11:51:00	16-Nov-2011
52	7.3	7.2	36	748	11:56:00	16-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
53	33.56	7.3	37	748	12:01:00	16-Nov-2011
54	6.97	7.4	36	748	12:06:00	16-Nov-2011
55	6.87	7.4	35	748	12:11:00	16-Nov-2011
56	6.37	7.5	34	748	12:16:00	16-Nov-2011
57	6.3	7.6	31	748	12:21:00	16-Nov-2011
58	5.62	7.7	30	748	12:26:00	16-Nov-2011
59	5.38	7.8	29	748	12:31:00	16-Nov-2011
60	5.48	7.9	29	748	12:36:00	16-Nov-2011
61	5.21	7.9	27	748	12:41:00	16-Nov-2011
62	30.52	7.9	26	748	12:46:00	16-Nov-2011
63	5.21	7.9	25	748	12:51:00	16-Nov-2011
64	4.95	7.9	24	748	12:56:00	16-Nov-2011
65	4.58	7.9	23	748	13:01:00	16-Nov-2011
66	29.28	8	24	748	13:06:00	16-Nov-2011
67	5.02	8	24	748	13:11:00	16-Nov-2011
68	5.2	8	25	748	13:16:00	16-Nov-2011
69	5.33	8.1	25	748	13:21:00	16-Nov-2011
70	5.4	8.1	26	748	13:26:00	16-Nov-2011
71	31	8.1	27	748	13:31:00	16-Nov-2011
72	5.55	8.1	25	748	13:36:00	16-Nov-2011
73	5.73	8.1	24	748	13:41:00	16-Nov-2011
74	5.34	8.1	25	748	13:46:00	16-Nov-2011
75	4.7	8.1	23	748	13:51:00	16-Nov-2011
76	4.82	8.1	21	748	13:56:00	16-Nov-2011
77	20.85	8.1	22	748	14:01:00	16-Nov-2011
78	4.84	8.1	23	748	14:06:00	16-Nov-2011
79	5.11	8.1	24	748	14:11:00	16-Nov-2011
80	5.61	8	23	748	14:16:00	16-Nov-2011
81	5.48	8	23	748	14:21:00	16-Nov-2011
82	5.26	8	24	748	14:26:00	16-Nov-2011
83	45.21	7.9	24	748	14:31:00	16-Nov-2011
84	5.65	7.9	25	748	14:36:00	16-Nov-2011
85	7.35	7.8	25	748	14:41:00	16-Nov-2011
86	5.59	7.8	26	748	14:46:00	16-Nov-2011
87	5.25	7.8	25	748	14:51:00	16-Nov-2011
88	77.64	7.8	25	748	14:56:00	16-Nov-2011
1	6.32	17.4	20	752	07:53:15	17-Nov-2011
2	6.22	16.3	15	752	07:58:15	17-Nov-2011
3	6.27	15.1	16	750	08:03:15	17-Nov-2011
4	6.68	13.8	17	752	08:08:15	17-Nov-2011
5	7.16	12.5	19	752	08:13:15	17-Nov-2011
6	7.94	11.3	20	752	08:18:15	17-Nov-2011
7	7.94	10.2	22	752	08:23:15	17-Nov-2011
8	8.16	9.2	24	752	08:28:15	17-Nov-2011
9	8.51	8.3	25	752	08:33:15	17-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
10	8.74	7.6	26	752	08:38:15	17-Nov-2011
11	35.61	6.9	27	752	08:43:15	17-Nov-2011
12	8.64	6.4	28	752	08:48:15	17-Nov-2011
13	8.43	5.9	29	752	08:53:15	17-Nov-2011
14	8.22	5.5	30	752	08:58:15	17-Nov-2011
15	8.74	5.1	31	752	09:03:15	17-Nov-2011
16	8.26	4.8	32	752	09:08:15	17-Nov-2011
17	8.2	4.6	32	752	09:13:15	17-Nov-2011
18	32.1	4.3	32	752	09:18:15	17-Nov-2011
19	8.03	4.2	33	752	09:23:15	17-Nov-2011
20	9.86	4	33	752	09:28:15	17-Nov-2011
21	7.96	3.9	33	752	09:33:15	17-Nov-2011
22	7.55	3.8	33	752	09:38:15	17-Nov-2011
23	8.93	3.8	32	752	09:43:15	17-Nov-2011
24	7.3	3.7	33	752	09:48:15	17-Nov-2011
25	8.7	3.7	32	752	09:53:15	17-Nov-2011
26	6.84	3.7	31	752	09:58:15	17-Nov-2011
27	6.83	3.6	31	752	10:03:15	17-Nov-2011
28	6.56	3.6	31	752	10:08:15	17-Nov-2011
29	6.44	3.5	31	752	10:13:15	17-Nov-2011
30	6.64	3.5	31	752	10:18:15	17-Nov-2011
31	6.83	3.4	32	752	10:23:15	17-Nov-2011
32	6.89	3.5	32	752	10:28:15	17-Nov-2011
33	28.3	3.5	32	752	10:33:15	17-Nov-2011
34	7.94	3.5	31	752	10:38:15	17-Nov-2011
35	6.63	3.5	31	752	10:43:15	17-Nov-2011
36	6.63	3.5	31	752	10:48:15	17-Nov-2011
37	6.44	3.5	31	752	10:53:15	17-Nov-2011
38	6.61	3.5	31	752	10:58:15	17-Nov-2011
39	8.67	3.6	31	752	11:03:15	17-Nov-2011
40	22.09	3.6	30	752	11:08:15	17-Nov-2011
41	6.53	3.5	29	750	11:13:15	17-Nov-2011
42	6.66	3.3	29	750	11:18:15	17-Nov-2011
43	25.7	3.2	29	750	11:23:15	17-Nov-2011
44	7	3.1	30	750	11:28:15	17-Nov-2011
45	27.3	3.2	30	750	11:33:15	17-Nov-2011
46	6.75	3.3	29	750	11:38:15	17-Nov-2011
47	6.87	3.3	28	750	11:43:15	17-Nov-2011
48	6.95	3.3	28	750	11:48:15	17-Nov-2011
49	6.97	3.2	29	750	11:53:15	17-Nov-2011
50	7.28	3.1	30	750	11:58:15	17-Nov-2011
51	7.34	3	31	750	12:03:15	17-Nov-2011
52	13.72	2.8	30	750	12:08:15	17-Nov-2011
53	7.04	2.7	29	750	12:13:15	17-Nov-2011
54	7.29	2.6	30	750	12:18:15	17-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
55	7.29	2.4	30	750	12:23:15	17-Nov-2011
56	7.53	2.3	30	750	12:28:15	17-Nov-2011
57	7.27	2.3	30	750	12:33:15	17-Nov-2011
58	7.44	2.3	30	750	12:38:15	17-Nov-2011
59	7.52	2.3	31	750	12:43:15	17-Nov-2011
60	8.2	2.2	32	750	12:48:15	17-Nov-2011
61	7.61	2.2	30	750	12:53:15	17-Nov-2011
62	7.76	2.1	30	750	12:58:15	17-Nov-2011
63	7.88	2	31	750	13:03:15	17-Nov-2011
64	7.13	1.9	29	750	13:08:15	17-Nov-2011
65	6.95	1.9	29	750	13:13:15	17-Nov-2011
66	7.8	1.8	29	750	13:18:15	17-Nov-2011
67	7.61	1.7	30	750	13:23:15	17-Nov-2011
68	7.99	1.6	32	750	13:28:15	17-Nov-2011
69	7.7	1.6	33	750	13:33:15	17-Nov-2011
70	8.13	1.5	33	750	13:38:15	17-Nov-2011
71	8.11	1.4	34	750	13:43:15	17-Nov-2011
72	21.29	1.4	34	750	13:48:15	17-Nov-2011
73	8.25	1.3	35	750	13:53:15	17-Nov-2011
74	8.43	1.2	36	750	13:58:15	17-Nov-2011
75	8.52	1.2	36	750	14:03:15	17-Nov-2011
76	8.59	1.1	35	750	14:08:15	17-Nov-2011
77	7.64	1.1	34	750	14:13:15	17-Nov-2011
78	9.02	1.1	33	750	14:18:15	17-Nov-2011
79	10.46	1.2	33	750	14:23:15	17-Nov-2011
80	7.52	1.2	33	750	14:28:15	17-Nov-2011
1	5.89	18.5	16	758	07:38:55	18-Nov-2011
2	6.14	17	11	758	07:43:55	18-Nov-2011
3	6.63	15.5	11	758	07:48:55	18-Nov-2011
4	7.16	14	12	758	07:53:55	18-Nov-2011
5	8.2	12.6	14	758	07:58:55	18-Nov-2011
6	8.78	11.2	16	758	08:03:55	18-Nov-2011
7	9.65	10	17	758	08:08:55	18-Nov-2011
8	9.47	8.9	19	758	08:13:55	18-Nov-2011
9	9.99	8	20	758	08:18:55	18-Nov-2011
10	10.77	7.2	22	758	08:23:55	18-Nov-2011
11	16.47	6.5	24	758	08:28:55	18-Nov-2011
12	11.15	5.9	25	758	08:33:55	18-Nov-2011
13	11.66	5.3	27	758	08:38:55	18-Nov-2011
14	10.91	4.8	28	758	08:43:55	18-Nov-2011
15	11.49	4.3	28	758	08:48:55	18-Nov-2011
16	11.38	3.9	29	758	08:53:55	18-Nov-2011
17	14.92	3.5	29	758	08:58:55	18-Nov-2011
18	12.02	3.2	29	758	09:03:55	18-Nov-2011
19	10.54	3	29	758	09:08:55	18-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
20	10.19	2.8	29	756	09:13:55	18-Nov-2011
21	10.08	2.7	29	758	09:18:55	18-Nov-2011
22	9.82	2.6	29	756	09:23:55	18-Nov-2011
23	9.65	2.5	29	756	09:28:55	18-Nov-2011
24	9.9	2.4	29	756	09:33:55	18-Nov-2011
25	9.37	2.3	30	756	09:38:55	18-Nov-2011
26	9.34	2.2	30	758	09:43:55	18-Nov-2011
27	9.53	2.2	30	756	09:48:55	18-Nov-2011
28	9.15	2.2	30	756	09:53:55	18-Nov-2011
29	8.68	2.2	30	758	09:58:55	18-Nov-2011
30	8.73	2.2	30	756	10:03:55	18-Nov-2011
31	8.83	2.2	31	756	10:08:55	18-Nov-2011
32	9.19	2.3	30	756	10:13:55	18-Nov-2011
33	8.85	2.4	30	756	10:18:55	18-Nov-2011
34	8.63	2.5	30	756	10:23:55	18-Nov-2011
35	9.39	2.6	30	756	10:28:55	18-Nov-2011
36	8.64	2.7	30	756	10:33:55	18-Nov-2011
37	8.04	2.8	29	756	10:38:55	18-Nov-2011
38	8.55	2.9	29	756	10:43:55	18-Nov-2011
39	7.93	3	28	756	10:48:55	18-Nov-2011
40	8.68	3.1	28	756	10:53:55	18-Nov-2011
41	7.47	3.3	27	756	10:58:55	18-Nov-2011
42	7.38	3.4	26	756	11:03:55	18-Nov-2011
43	6.9	3.5	26	756	11:08:55	18-Nov-2011
44	7.6	3.7	25	756	11:13:55	18-Nov-2011
45	6.84	3.8	24	756	11:18:55	18-Nov-2011
46	6.68	3.9	25	756	11:23:55	18-Nov-2011
47	6.54	4.1	24	756	11:28:55	18-Nov-2011
48	6.83	4.2	24	756	11:33:55	18-Nov-2011
49	6.22	4.4	23	756	11:38:55	18-Nov-2011
50	6.15	4.5	23	756	11:43:55	18-Nov-2011
51	9.57	4.7	23	756	11:48:55	18-Nov-2011
52	6.97	4.8	22	756	11:53:55	18-Nov-2011
53	6.14	5	22	756	11:58:55	18-Nov-2011
54	6.44	5.1	21	756	12:03:55	18-Nov-2011
55	6.35	5.3	21	756	12:08:55	18-Nov-2011
56	5.92	5.4	21	756	12:13:55	18-Nov-2011
57	5.89	5.5	21	756	12:18:55	18-Nov-2011
58	7.52	5.6	20	756	12:23:55	18-Nov-2011
59	5.72	5.7	19	756	12:28:55	18-Nov-2011
60	5.12	5.8	19	756	12:33:55	18-Nov-2011
61	7.97	5.9	19	756	12:38:55	18-Nov-2011
62	11.13	6	19	756	12:43:55	18-Nov-2011
63	5.19	6	19	756	12:48:55	18-Nov-2011
64	4.63	6.2	19	756	12:53:55	18-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
65	7.33	6.3	19	756	12:58:55	18-Nov-2011
66	12.42	6.4	18	756	13:03:55	18-Nov-2011
67	4.64	6.5	18	756	13:08:55	18-Nov-2011
68	6.41	6.6	18	754	13:13:55	18-Nov-2011
69	4.83	6.7	18	754	13:18:55	18-Nov-2011
70	7.68	6.8	17	754	13:23:55	18-Nov-2011
71	4.07	6.9	17	754	13:28:55	18-Nov-2011
72	4.75	6.9	17	754	13:33:55	18-Nov-2011
73	4.69	7	17	754	13:38:55	18-Nov-2011
74	9.25	7	17	754	13:43:55	18-Nov-2011
75	4.53	7	17	754	13:48:55	18-Nov-2011
76	4.48	7	17	754	13:53:55	18-Nov-2011
77	9.05	7.1	16	754	13:58:55	18-Nov-2011
78	5.49	7.1	15	754	14:03:55	18-Nov-2011
79	4.77	7.2	16	754	14:08:55	18-Nov-2011
80	4.41	7.2	16	754	14:13:55	18-Nov-2011
81	4.69	7.3	17	754	14:18:55	18-Nov-2011
82	11.77	7.3	18	754	14:23:55	18-Nov-2011
83	7.84	7.4	18	754	14:28:55	18-Nov-2011
84	10.38	7.4	18	754	14:33:55	18-Nov-2011
85	11.12	7.5	18	754	14:38:55	18-Nov-2011
86	10.78	7.5	18	754	14:43:55	18-Nov-2011
87	20.59	7.5	18	754	14:48:55	18-Nov-2011
88	7.3	7.5	18	754	14:53:55	18-Nov-2011
89	7.8	7.5	19	754	14:58:55	18-Nov-2011
1	1.14	17.3	23	760	07:47:17	21-Nov-2011
2	1.84	15.7	22	760	07:52:17	21-Nov-2011
3	2.39	14.4	24	760	07:57:17	21-Nov-2011
4	2.71	13.2	26	760	08:02:17	21-Nov-2011
5	3.02	12.1	28	760	08:07:17	21-Nov-2011
6	3.27	11.2	30	758	08:12:17	21-Nov-2011
7	3.49	10.3	31	760	08:17:17	21-Nov-2011
8	3.87	9.5	32	760	08:22:17	21-Nov-2011
9	5.01	8.8	34	760	08:27:17	21-Nov-2011
10	4.02	8.2	35	760	08:32:17	21-Nov-2011
11	4.15	7.7	36	760	08:37:17	21-Nov-2011
12	4.24	7.2	37	760	08:42:17	21-Nov-2011
13	4.05	6.9	38	760	08:47:17	21-Nov-2011
14	3.98	6.6	39	760	08:52:17	21-Nov-2011
15	4.19	6.4	39	760	08:57:17	21-Nov-2011
16	4.17	6.2	39	760	09:02:17	21-Nov-2011
17	3.96	6	39	760	09:07:17	21-Nov-2011
18	3.91	5.8	39	760	09:12:17	21-Nov-2011
19	5.07	5.6	39	760	09:17:17	21-Nov-2011
20	5.38	5.5	40	760	09:22:17	21-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
21	4.65	5.4	40	760	09:27:17	21-Nov-2011
22	4.26	5.3	40	760	09:32:17	21-Nov-2011
23	4.6	5.3	41	760	09:37:17	21-Nov-2011
24	4.38	5.2	41	760	09:42:17	21-Nov-2011
25	4.32	5.2	41	760	09:47:17	21-Nov-2011
26	4.78	5.2	41	760	09:52:17	21-Nov-2011
27	4.58	5.2	41	760	09:57:17	21-Nov-2011
28	4.49	5.2	42	760	10:02:17	21-Nov-2011
29	4.69	5.3	42	760	10:07:17	21-Nov-2011
30	4.7	5.3	42	760	10:12:17	21-Nov-2011
31	4.59	5.3	41	760	10:17:17	21-Nov-2011
32	4.6	5.4	41	760	10:22:17	21-Nov-2011
33	4.81	5.4	42	760	10:27:17	21-Nov-2011
34	4.93	5.5	42	760	10:32:17	21-Nov-2011
35	4.89	5.5	42	760	10:37:17	21-Nov-2011
36	4.82	5.6	42	760	10:42:17	21-Nov-2011
37	5.07	5.6	41	760	10:47:17	21-Nov-2011
38	5	5.7	42	760	10:52:17	21-Nov-2011
39	5.73	5.8	42	758	10:57:17	21-Nov-2011
40	4.93	5.9	41	758	11:02:17	21-Nov-2011
41	5.41	6	41	758	11:07:17	21-Nov-2011
42	4.89	6.1	40	758	11:12:17	21-Nov-2011
43	9.17	6.2	40	758	11:17:17	21-Nov-2011
44	5.07	6.3	40	758	11:22:17	21-Nov-2011
45	5.41	6.4	40	758	11:27:17	21-Nov-2011
46	5.47	6.5	40	758	11:32:17	21-Nov-2011
47	5.86	6.6	40	758	11:37:17	21-Nov-2011
48	5.6	6.7	40	758	11:42:17	21-Nov-2011
49	9.9	6.8	40	758	11:47:17	21-Nov-2011
50	6.19	6.9	39	758	11:52:17	21-Nov-2011
51	6.47	7	40	758	11:57:17	21-Nov-2011
52	6.31	7.1	39	758	12:02:17	21-Nov-2011
53	6.58	7.2	39	758	12:07:17	21-Nov-2011
54	6.34	7.3	39	758	12:12:17	21-Nov-2011
55	6.4	7.3	39	758	12:17:17	21-Nov-2011
56	6.33	7.4	40	758	12:22:17	21-Nov-2011
57	6.59	7.5	40	758	12:27:17	21-Nov-2011
58	6.48	7.6	39	758	12:32:17	21-Nov-2011
59	6.48	7.7	39	758	12:37:17	21-Nov-2011
60	6.97	7.8	39	758	12:42:17	21-Nov-2011
61	6.87	7.8	39	758	12:47:17	21-Nov-2011
62	7	7.9	39	758	12:52:17	21-Nov-2011
63	6.92	7.9	39	758	12:57:17	21-Nov-2011
64	7.3	7.9	39	758	13:02:17	21-Nov-2011
65	7.82	8	39	758	13:07:17	21-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
66	7.65	8	38	758	13:12:17	21-Nov-2011
67	7.66	8	39	758	13:17:17	21-Nov-2011
68	7.57	8	38	758	13:22:17	21-Nov-2011
69	8.44	8	38	758	13:27:17	21-Nov-2011
70	8.36	8	38	758	13:32:17	21-Nov-2011
71	8.47	8	38	758	13:37:17	21-Nov-2011
72	11.37	8	38	758	13:42:17	21-Nov-2011
73	9.01	8	39	758	13:47:17	21-Nov-2011
74	10.13	8	39	758	13:52:17	21-Nov-2011
75	8.53	8	39	758	13:57:17	21-Nov-2011
76	8.97	8	40	758	14:02:17	21-Nov-2011
77	9.64	8	39	758	14:07:17	21-Nov-2011
78	9.62	8	39	758	14:12:17	21-Nov-2011
79	9.63	8	39	758	14:17:17	21-Nov-2011
80	9.3	8	39	758	14:22:17	21-Nov-2011
81	10.42	8	39	758	14:27:17	21-Nov-2011
82	9.53	7.9	39	756	14:32:17	21-Nov-2011
83	9.75	7.9	40	756	14:37:17	21-Nov-2011
84	9.49	7.8	40	756	14:42:17	21-Nov-2011
85	9.31	7.8	40	756	14:47:17	21-Nov-2011
86	9.99	7.8	40	756	14:52:17	21-Nov-2011
87	9.96	7.7	40	756	14:57:17	21-Nov-2011
88	9.98	7.7	41	756	15:02:17	21-Nov-2011
89	9.92	7.6	41	756	15:07:17	21-Nov-2011
90	10.48	7.6	41	756	15:12:17	21-Nov-2011
1	15.47	15.3	28	756	08:00:10	22-Nov-2011
2	16.18	13.8	31	756	08:05:10	22-Nov-2011
3	16.74	12.6	33	756	08:10:10	22-Nov-2011
4	17.37	11.6	35	756	08:15:10	22-Nov-2011
5	17.78	10.7	38	756	08:20:10	22-Nov-2011
6	18.19	10	40	756	08:25:10	22-Nov-2011
7	24.72	9.3	42	756	08:30:10	22-Nov-2011
8	19.42	8.7	44	754	08:35:10	22-Nov-2011
9	19.44	8.1	46	754	08:40:10	22-Nov-2011
10	20.14	7.6	48	754	08:45:10	22-Nov-2011
11	21.39	7.2	49	754	08:50:10	22-Nov-2011
12	20.44	6.8	51	754	08:55:10	22-Nov-2011
13	20.5	6.5	52	754	09:00:10	22-Nov-2011
14	20.48	6.2	53	754	09:05:10	22-Nov-2011
15	21.05	5.9	54	754	09:10:10	22-Nov-2011
16	20.68	5.7	55	754	09:15:10	22-Nov-2011
17	20.82	5.5	56	754	09:20:10	22-Nov-2011
18	20.21	5.3	57	754	09:25:10	22-Nov-2011
19	20.43	5.1	57	754	09:30:10	22-Nov-2011
20	19.85	4.9	58	754	09:35:10	22-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
21	19.38	4.7	59	754	09:40:10	22-Nov-2011
22	20.16	4.5	59	754	09:45:10	22-Nov-2011
23	19.07	4.3	60	754	09:50:10	22-Nov-2011
24	18.43	4.1	61	754	09:55:10	22-Nov-2011
25	18.26	4	62	754	10:00:10	22-Nov-2011
26	17.95	3.9	62	754	10:05:10	22-Nov-2011
27	17.93	3.9	63	754	10:10:10	22-Nov-2011
28	17.76	3.8	63	754	10:15:10	22-Nov-2011
29	17.47	3.7	63	754	10:20:10	22-Nov-2011
30	17.46	3.6	64	754	10:25:10	22-Nov-2011
31	16.64	3.6	65	754	10:30:10	22-Nov-2011
32	16.58	3.5	65	754	10:35:10	22-Nov-2011
33	16.39	3.5	65	754	10:40:10	22-Nov-2011
34	15.98	3.5	66	754	10:45:10	22-Nov-2011
35	15.69	3.4	66	754	10:50:10	22-Nov-2011
36	15.35	3.4	67	754	10:55:10	22-Nov-2011
37	15.39	3.4	67	754	11:00:10	22-Nov-2011
38	18.44	3.4	67	754	11:05:10	22-Nov-2011
39	20.81	3.4	68	754	11:10:10	22-Nov-2011
40	14.43	3.4	68	754	11:15:10	22-Nov-2011
41	14.3	3.4	69	754	11:20:10	22-Nov-2011
42	12.56	3.4	69	752	11:25:10	22-Nov-2011
43	11.92	3.4	70	752	11:30:10	22-Nov-2011
44	10.77	3.4	70	752	11:35:10	22-Nov-2011
45	10.33	3.4	70	752	11:40:10	22-Nov-2011
46	9.71	3.4	70	752	11:45:10	22-Nov-2011
47	9.57	3.5	70	752	11:50:10	22-Nov-2011
48	9.35	3.5	70	752	11:55:10	22-Nov-2011
49	9.37	3.5	70	752	12:00:10	22-Nov-2011
50	9.3	3.6	70	752	12:05:10	22-Nov-2011
51	9.75	3.6	70	752	12:10:10	22-Nov-2011
52	9.5	3.6	70	752	12:15:10	22-Nov-2011
53	9.27	3.7	70	752	12:20:10	22-Nov-2011
54	9.15	3.7	69	752	12:25:10	22-Nov-2011
55	8.83	3.7	69	752	12:30:10	22-Nov-2011
56	8.48	3.7	69	752	12:35:10	22-Nov-2011
57	8.34	3.7	69	752	12:40:10	22-Nov-2011
58	8.48	3.7	68	752	12:45:10	22-Nov-2011
59	9.1	3.8	68	752	12:50:10	22-Nov-2011
60	8.97	3.8	68	752	12:55:10	22-Nov-2011
61	8.72	3.8	67	752	13:00:10	22-Nov-2011
62	8.97	3.7	67	752	13:05:10	22-Nov-2011
63	9.17	3.7	67	752	13:10:10	22-Nov-2011
64	9.13	3.7	66	750	13:15:10	22-Nov-2011
65	9.9	3.6	66	750	13:20:10	22-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
66	9.29	3.6	67	750	13:25:10	22-Nov-2011
67	10.22	3.5	66	752	13:30:10	22-Nov-2011
68	10.12	3.4	67	750	13:35:10	22-Nov-2011
69	10.27	3.3	67	750	13:40:10	22-Nov-2011
70	10.24	3.3	67	750	13:45:10	22-Nov-2011
1	4.17	16.7	32	748	07:51:22	23-Nov-2011
2	4.78	15.3	29	752	07:56:22	23-Nov-2011
3	5.57	14	31	752	08:01:22	23-Nov-2011
4	6.28	12.9	33	752	08:06:22	23-Nov-2011
5	6.78	11.9	35	752	08:11:22	23-Nov-2011
6	7.3	11	38	752	08:16:22	23-Nov-2011
7	7.76	10.2	40	752	08:21:22	23-Nov-2011
8	8.45	9.5	42	752	08:26:22	23-Nov-2011
9	8.93	8.8	44	752	08:31:22	23-Nov-2011
10	9.38	8.2	45	752	08:36:22	23-Nov-2011
11	9.41	7.8	46	752	08:41:22	23-Nov-2011
12	9.49	7.4	48	752	08:46:22	23-Nov-2011
13	9.21	7	49	752	08:51:22	23-Nov-2011
14	9.25	6.7	50	752	08:56:22	23-Nov-2011
15	9.22	6.4	50	752	09:01:22	23-Nov-2011
16	8.86	6.1	51	752	09:06:22	23-Nov-2011
17	8.7	5.9	52	752	09:11:22	23-Nov-2011
18	9.13	5.7	52	752	09:16:22	23-Nov-2011
19	8.66	5.5	53	752	09:21:22	23-Nov-2011
20	8.38	5.4	54	752	09:26:22	23-Nov-2011
21	8.38	5.3	55	752	09:31:22	23-Nov-2011
22	8.03	5.3	54	752	09:36:22	23-Nov-2011
23	8.11	5.3	55	752	09:41:22	23-Nov-2011
24	8.26	5.3	55	752	09:46:22	23-Nov-2011
25	8.2	5.3	55	752	09:51:22	23-Nov-2011
26	7.95	5.3	55	752	09:56:22	23-Nov-2011
27	7.83	5.3	55	752	10:01:22	23-Nov-2011
28	7.7	5.4	55	752	10:06:22	23-Nov-2011
29	7.62	5.5	54	752	10:11:22	23-Nov-2011
30	7.68	5.5	54	752	10:16:22	23-Nov-2011
31	7.22	5.6	53	752	10:21:22	23-Nov-2011
32	7.91	5.7	54	752	10:26:22	23-Nov-2011
33	7.73	5.8	53	752	10:31:22	23-Nov-2011
34	7.56	5.9	53	752	10:36:22	23-Nov-2011
35	7.62	6	53	752	10:41:22	23-Nov-2011
36	6.84	6.1	51	752	10:46:22	23-Nov-2011
37	6.82	6.2	51	752	10:51:22	23-Nov-2011
38	6.88	6.3	50	754	10:56:22	23-Nov-2011
39	7.25	6.4	50	752	11:01:22	23-Nov-2011
40	7.36	6.5	51	752	11:06:22	23-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
41	7.32	6.7	50	752	11:11:22	23-Nov-2011
42	7.32	6.8	49	752	11:16:22	23-Nov-2011
43	7.8	7	48	752	11:21:22	23-Nov-2011
44	7.1	7.1	47	752	11:26:22	23-Nov-2011
45	7.31	7.3	48	754	11:31:22	23-Nov-2011
46	7	7.4	47	752	11:36:22	23-Nov-2011
47	6.96	7.5	46	754	11:41:22	23-Nov-2011
48	6.97	7.6	45	754	11:46:22	23-Nov-2011
49	6.99	7.8	45	752	11:51:22	23-Nov-2011
50	6.79	7.9	45	752	11:56:22	23-Nov-2011
51	6.73	8	44	754	12:01:22	23-Nov-2011
52	6.38	8.1	44	752	12:06:22	23-Nov-2011
53	6.33	8.2	43	752	12:11:22	23-Nov-2011
54	6.05	8.3	42	754	12:16:22	23-Nov-2011
55	5.84	8.5	42	754	12:21:22	23-Nov-2011
56	5.74	8.6	41	754	12:26:22	23-Nov-2011
57	5.82	8.6	40	754	12:31:22	23-Nov-2011
58	5.83	8.7	40	754	12:36:22	23-Nov-2011
59	5.62	8.8	39	754	12:41:22	23-Nov-2011
60	5.17	8.9	39	754	12:46:22	23-Nov-2011
61	5.07	9	38	754	12:51:22	23-Nov-2011
62	4.66	9.1	37	754	12:56:22	23-Nov-2011
63	4.87	9.2	36	752	13:01:22	23-Nov-2011
1	5.91	19.3	22	754	07:44:57	28-Nov-2011
2	3.89	17.7	19	754	07:49:57	28-Nov-2011
3	4.83	16.2	21	754	07:54:57	28-Nov-2011
4	4.94	14.9	23	754	07:59:57	28-Nov-2011
5	5.56	13.7	24	754	08:04:57	28-Nov-2011
6	5.64	12.5	26	754	08:09:57	28-Nov-2011
7	5.92	11.5	28	754	08:14:57	28-Nov-2011
8	5.87	10.5	30	754	08:19:57	28-Nov-2011
9	5.31	9.6	32	754	08:24:57	28-Nov-2011
10	5.66	8.8	34	754	08:29:57	28-Nov-2011
11	6.7	8	36	754	08:34:57	28-Nov-2011
12	6.8	7.3	38	754	08:39:57	28-Nov-2011
13	7.47	6.7	40	754	08:44:57	28-Nov-2011
14	7.59	6.2	42	754	08:49:57	28-Nov-2011
15	7.63	5.8	44	754	08:54:57	28-Nov-2011
16	9.13	5.5	45	754	08:59:57	28-Nov-2011
17	10.28	5.2	46	754	09:04:57	28-Nov-2011
18	10.28	5	48	754	09:09:57	28-Nov-2011
19	11.19	4.8	48	754	09:14:57	28-Nov-2011
20	10.02	4.6	49	754	09:19:57	28-Nov-2011
21	8.88	4.4	50	754	09:24:57	28-Nov-2011
22	8.48	4.3	51	754	09:29:57	28-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
23	9.46	4.1	51	754	09:34:57	28-Nov-2011
24	8.79	3.9	52	754	09:39:57	28-Nov-2011
25	9.49	3.8	53	754	09:44:57	28-Nov-2011
26	11.81	3.7	53	754	09:49:57	28-Nov-2011
27	13.48	3.6	54	754	09:54:57	28-Nov-2011
28	14.27	3.4	55	754	09:59:57	28-Nov-2011
29	12.62	3.4	55	754	10:04:57	28-Nov-2011
30	11.55	3.3	56	754	10:09:57	28-Nov-2011
31	10.26	3.2	56	754	10:14:57	28-Nov-2011
32	9.68	3.1	56	754	10:19:57	28-Nov-2011
33	9.51	3.1	57	754	10:24:57	28-Nov-2011
34	9.62	3.1	58	754	10:29:57	28-Nov-2011
35	9.1	3.1	58	754	10:34:57	28-Nov-2011
36	8.77	3.1	58	754	10:39:57	28-Nov-2011
37	9.52	3.1	58	754	10:44:57	28-Nov-2011
38	10.11	3.1	58	752	10:49:57	28-Nov-2011
39	9.34	3.2	58	752	10:54:57	28-Nov-2011
40	8.65	3.2	58	752	10:59:57	28-Nov-2011
41	8.13	3.2	58	752	11:04:57	28-Nov-2011
42	8.49	3.2	58	752	11:09:57	28-Nov-2011
43	8.24	3.3	58	752	11:14:57	28-Nov-2011
44	7.57	3.3	58	752	11:19:57	28-Nov-2011
45	6.16	3.4	58	752	11:24:57	28-Nov-2011
46	6.36	3.4	58	752	11:29:57	28-Nov-2011
47	6.58	3.4	59	752	11:34:57	28-Nov-2011
48	6.79	3.4	59	752	11:39:57	28-Nov-2011
49	6.17	3.4	59	752	11:44:57	28-Nov-2011
50	6.03	3.3	59	752	11:49:57	28-Nov-2011
51	5.65	3.3	60	752	11:54:57	28-Nov-2011
52	5.75	3.4	60	752	11:59:57	28-Nov-2011
53	5.72	3.4	60	752	12:04:57	28-Nov-2011
54	5.78	3.4	59	752	12:09:57	28-Nov-2011
55	5.89	3.4	60	752	12:14:57	28-Nov-2011
56	5.99	3.5	60	752	12:19:57	28-Nov-2011
57	6.1	3.5	59	752	12:24:57	28-Nov-2011
58	6.35	3.4	60	752	12:29:57	28-Nov-2011
59	6.37	3.4	60	752	12:34:57	28-Nov-2011
60	6.48	3.4	60	752	12:39:57	28-Nov-2011
61	6.71	3.3	60	752	12:44:57	28-Nov-2011
62	6.88	3.2	61	752	12:49:57	28-Nov-2011
63	6.82	3.2	61	752	12:54:57	28-Nov-2011
64	7.66	3.2	61	752	12:59:57	28-Nov-2011
65	7.96	3.2	61	752	13:04:57	28-Nov-2011
66	8.84	3.1	60	752	13:09:57	28-Nov-2011
67	9.2	3.1	61	752	13:14:57	28-Nov-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
68	9.52	3.1	61	752	13:19:57	28-Nov-2011
69	9.48	3.1	62	752	13:24:57	28-Nov-2011
70	10.8	3.1	62	752	13:29:57	28-Nov-2011
71	11.26	3	62	752	13:34:57	28-Nov-2011
72	10.67	3	62	752	13:39:57	28-Nov-2011
73	10.91	3	62	752	13:44:57	28-Nov-2011
74	11.3	3	62	752	13:49:57	28-Nov-2011
75	10.8	3.1	62	752	13:54:57	28-Nov-2011
76	10.57	3.1	62	752	13:59:57	28-Nov-2011
77	10.53	3.1	62	752	14:04:57	28-Nov-2011
78	11.31	3.1	62	752	14:09:57	28-Nov-2011
79	11.83	3.1	62	752	14:14:57	28-Nov-2011
80	12.85	3.2	62	752	14:19:57	28-Nov-2011
81	14.47	3.2	62	752	14:24:57	28-Nov-2011
82	16.91	3.2	63	752	14:29:57	28-Nov-2011
83	18.14	3.2	63	752	14:34:57	28-Nov-2011
84	19.09	3.2	63	750	14:39:57	28-Nov-2011
85	20.42	3.2	63	752	14:44:57	28-Nov-2011
86	21.27	3.2	63	750	14:49:57	28-Nov-2011
87	22.87	3.3	63	750	14:54:57	28-Nov-2011
88	19.15	3.3	63	750	14:59:57	28-Nov-2011
89	17.55	3.3	63	750	15:04:57	28-Nov-2011
90	18.59	3.3	63	750	15:09:57	28-Nov-2011
91	15.27	3.3	64	750	15:14:57	28-Nov-2011
92	12.02	3.3	63	750	15:19:57	28-Nov-2011
93	11.22	3.3	63	750	15:24:57	28-Nov-2011
1	7.12	20.2	13	750	08:45:49	07-Dec-2011
2	7.64	18.7	11	750	08:50:49	07-Dec-2011
3	7.89	17.2	12	750	08:55:49	07-Dec-2011
4	7.95	15.6	13	750	09:00:49	07-Dec-2011
5	8.29	14.1	14	750	09:05:49	07-Dec-2011
6	8.81	12.8	16	750	09:10:49	07-Dec-2011
7	8.71	11.5	17	750	09:15:49	07-Dec-2011
8	9.38	10.4	19	750	09:20:49	07-Dec-2011
9	9.12	9.5	20	750	09:25:49	07-Dec-2011
10	8.97	8.7	21	750	09:30:49	07-Dec-2011
11	8.85	8	22	750	09:35:49	07-Dec-2011
12	8.85	7.4	23	750	09:40:49	07-Dec-2011
13	8.4	6.9	24	750	09:45:49	07-Dec-2011
14	8.96	6.5	25	750	09:50:49	07-Dec-2011
15	8.34	6.1	25	750	09:55:49	07-Dec-2011
16	8.5	5.8	25	750	10:00:49	07-Dec-2011
17	8.95	5.5	26	750	10:05:49	07-Dec-2011
18	8.57	5.2	26	750	10:10:49	07-Dec-2011
19	9.75	5	27	750	10:15:49	07-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
20	9.64	4.8	28	750	10:20:49	07-Dec-2011
21	10.63	4.6	28	750	10:25:49	07-Dec-2011
22	9.93	4.5	29	750	10:30:49	07-Dec-2011
23	9.98	4.4	29	750	10:35:49	07-Dec-2011
24	9.98	4.3	30	750	10:40:49	07-Dec-2011
25	10.33	4.2	30	750	10:45:49	07-Dec-2011
26	10.13	4.2	30	750	10:50:49	07-Dec-2011
27	10.13	4.1	30	750	10:55:49	07-Dec-2011
28	9.93	4.1	31	750	11:00:49	07-Dec-2011
29	10.27	4.1	31	750	11:05:49	07-Dec-2011
30	9.5	4	30	750	11:10:49	07-Dec-2011
31	10.21	3.9	31	750	11:15:49	07-Dec-2011
32	10.05	3.8	32	750	11:20:49	07-Dec-2011
33	9.86	3.7	32	750	11:25:49	07-Dec-2011
34	9.65	3.5	32	750	11:30:49	07-Dec-2011
35	9.22	3.3	33	750	11:35:49	07-Dec-2011
36	9.81	3.1	33	750	11:40:49	07-Dec-2011
37	9.59	2.9	34	750	11:45:49	07-Dec-2011
38	9.7	2.7	34	750	11:50:49	07-Dec-2011
39	10.61	2.6	35	750	11:55:49	07-Dec-2011
40	10.35	2.4	36	750	12:00:49	07-Dec-2011
41	10.41	2.2	36	748	12:05:49	07-Dec-2011
42	9.64	2	36	748	12:10:49	07-Dec-2011
43	10.19	1.9	37	748	12:15:49	07-Dec-2011
44	10.19	1.8	37	748	12:20:49	07-Dec-2011
45	10.65	1.7	38	748	12:25:49	07-Dec-2011
46	10.92	1.6	38	748	12:30:49	07-Dec-2011
47	10.59	1.5	38	748	12:35:49	07-Dec-2011
48	10.38	1.6	38	748	12:40:49	07-Dec-2011
49	9.77	1.7	38	748	12:45:49	07-Dec-2011
50	8.84	1.8	38	748	12:50:49	07-Dec-2011
51	8.85	1.9	37	748	12:55:49	07-Dec-2011
52	9.56	1.9	37	748	13:00:49	07-Dec-2011
53	10.3	2	38	748	13:05:49	07-Dec-2011
54	10.39	1.9	38	748	13:10:49	07-Dec-2011
55	10.03	1.8	38	748	13:15:49	07-Dec-2011
56	9.99	1.7	38	748	13:20:49	07-Dec-2011
57	10.57	1.6	39	748	13:25:49	07-Dec-2011
58	10.03	1.5	40	748	13:30:49	07-Dec-2011
59	9.87	1.4	40	748	13:35:49	07-Dec-2011
60	10.73	1.4	41	748	13:40:49	07-Dec-2011
61	10.51	1.3	41	748	13:45:49	07-Dec-2011
62	10.4	1.3	41	748	13:50:49	07-Dec-2011
63	10.35	1.2	40	748	13:55:49	07-Dec-2011
64	10.12	1.1	40	748	14:00:49	07-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
65	10.15	1	40	748	14:05:49	07-Dec-2011
66	10.41	1	41	748	14:10:49	07-Dec-2011
67	10.78	0.9	43	748	14:15:49	07-Dec-2011
68	11.43	0.8	43	748	14:20:49	07-Dec-2011
69	11.4	0.8	43	748	14:25:49	07-Dec-2011
70	11.53	0.7	43	748	14:30:49	07-Dec-2011
71	11.45	0.6	44	748	14:35:49	07-Dec-2011
72	11.7	0.6	44	748	14:40:49	07-Dec-2011
73	12.05	0.6	44	748	14:45:49	07-Dec-2011
74	12.39	0.7	45	748	14:50:49	07-Dec-2011
75	11.48	0.8	45	748	14:55:49	07-Dec-2011
76	11.3	0.9	44	748	15:00:49	07-Dec-2011
77	11.34	1	44	748	15:05:49	07-Dec-2011
78	12.06	1	44	748	15:10:49	07-Dec-2011
79	12.09	1	44	748	15:15:49	07-Dec-2011
1	11.9	18.5	17	754	08:30:32	08-Dec-2011
2	13.05	16.8	14	754	08:35:32	08-Dec-2011
3	14.41	15.2	16	754	08:40:32	08-Dec-2011
4	15.89	13.7	17	754	08:45:32	08-Dec-2011
5	16.86	12.3	19	754	08:50:32	08-Dec-2011
6	17.92	11	21	754	08:55:32	08-Dec-2011
7	19.07	9.9	23	754	09:00:32	08-Dec-2011
8	19.81	8.9	25	754	09:05:32	08-Dec-2011
9	20.43	8	27	754	09:10:32	08-Dec-2011
10	21	7.2	28	754	09:15:32	08-Dec-2011
11	20.9	6.5	30	754	09:20:32	08-Dec-2011
12	21.65	5.9	31	754	09:25:32	08-Dec-2011
13	22.41	5.4	32	754	09:30:32	08-Dec-2011
14	22.8	4.9	34	754	09:35:32	08-Dec-2011
15	23.42	4.5	35	754	09:40:32	08-Dec-2011
16	23.61	4.1	36	754	09:45:32	08-Dec-2011
17	23.48	3.9	37	754	09:50:32	08-Dec-2011
18	23.6	3.6	38	754	09:55:32	08-Dec-2011
19	23.09	3.4	38	754	10:00:32	08-Dec-2011
20	23.38	3.3	39	754	10:05:32	08-Dec-2011
21	23.07	3.1	39	754	10:10:32	08-Dec-2011
22	22.74	3	39	754	10:15:32	08-Dec-2011
23	23.33	3	40	754	10:20:32	08-Dec-2011
24	23.38	2.9	41	754	10:25:32	08-Dec-2011
25	23.57	2.9	41	754	10:30:32	08-Dec-2011
26	24.83	2.8	41	754	10:35:32	08-Dec-2011
27	25.4	2.7	42	754	10:40:32	08-Dec-2011
28	25.74	2.5	42	754	10:45:32	08-Dec-2011
29	26.19	2.3	43	756	10:50:32	08-Dec-2011
30	26.4	2.2	43	756	10:55:32	08-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
31	26.86	2	44	756	11:00:32	08-Dec-2011
32	27.25	1.9	45	754	11:05:32	08-Dec-2011
33	27.59	1.8	45	754	11:10:32	08-Dec-2011
34	27.18	1.7	45	754	11:15:32	08-Dec-2011
35	27.68	1.6	46	754	11:20:32	08-Dec-2011
36	26.36	1.5	46	754	11:25:32	08-Dec-2011
37	26.07	1.4	45	754	11:30:32	08-Dec-2011
38	26.61	1.3	46	754	11:35:32	08-Dec-2011
39	27	1.3	47	754	11:40:32	08-Dec-2011
40	25.41	1.2	46	754	11:45:32	08-Dec-2011
41	25.66	1.2	47	754	11:50:32	08-Dec-2011
42	25.03	1.1	46	754	11:55:32	08-Dec-2011
43	24.59	1.2	46	754	12:00:32	08-Dec-2011
44	24.14	1.2	46	754	12:05:32	08-Dec-2011
45	24.62	1.3	46	754	12:10:32	08-Dec-2011
46	24.81	1.4	45	754	12:15:32	08-Dec-2011
47	24.29	1.4	45	754	12:20:32	08-Dec-2011
48	24.24	1.4	45	754	12:25:32	08-Dec-2011
49	24.49	1.4	45	754	12:30:32	08-Dec-2011
50	24.87	1.3	45	754	12:35:32	08-Dec-2011
51	25.09	1.3	46	754	12:40:32	08-Dec-2011
52	25.44	1.3	46	754	12:45:32	08-Dec-2011
53	25.4	1.3	46	754	12:50:32	08-Dec-2011
54	25.23	1.2	46	754	12:55:32	08-Dec-2011
55	25.14	1.2	46	754	13:00:32	08-Dec-2011
56	24.7	1.2	46	754	13:05:32	08-Dec-2011
57	24.81	1.2	46	754	13:10:32	08-Dec-2011
58	24	1.3	46	754	13:15:32	08-Dec-2011
59	23.41	1.4	45	754	13:20:32	08-Dec-2011
60	23.49	1.4	45	754	13:25:32	08-Dec-2011
61	24.05	1.4	45	754	13:30:32	08-Dec-2011
62	24.47	1.5	45	754	13:35:32	08-Dec-2011
63	23.8	1.5	45	754	13:40:32	08-Dec-2011
64	23.91	1.4	45	754	13:45:32	08-Dec-2011
65	24.09	1.4	45	754	13:50:32	08-Dec-2011
66	24.24	1.4	46	754	13:55:32	08-Dec-2011
67	24.58	1.4	46	754	14:00:32	08-Dec-2011
68	25.22	1.5	46	754	14:05:32	08-Dec-2011
69	24.09	1.5	44	754	14:10:32	08-Dec-2011
70	23.89	1.5	44	754	14:15:32	08-Dec-2011
71	24.67	1.5	44	754	14:20:32	08-Dec-2011
72	24.99	1.5	44	754	14:25:32	08-Dec-2011
73	25.04	1.5	45	754	14:30:32	08-Dec-2011
74	24.98	1.5	44	754	14:35:32	08-Dec-2011
75	25.42	1.5	44	754	14:40:32	08-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
76	26.97	1.5	45	754	14:45:32	08-Dec-2011
77	27.2	1.5	46	754	14:50:32	08-Dec-2011
78	26.02	1.5	45	754	14:55:32	08-Dec-2011
79	25.7	1.4	44	754	15:00:32	08-Dec-2011
80	25.82	1.4	44	754	15:05:32	08-Dec-2011
81	26.07	1.3	45	754	15:10:32	08-Dec-2011
82	25.63	1.3	45	754	15:15:32	08-Dec-2011
83	25.86	1.2	45	754	15:20:32	08-Dec-2011
84	26.38	1.2	45	754	15:25:32	08-Dec-2011
85	26.96	1.1	46	754	15:30:32	08-Dec-2011
86	27.36	0.9	46	754	15:35:32	08-Dec-2011
1	6.28	14.4	26	754	08:08:46	09-Dec-2011
2	7.05	12.8	25	754	08:13:46	09-Dec-2011
3	8.13	11.4	27	754	08:18:46	09-Dec-2011
4	9.09	10.2	29	754	08:23:46	09-Dec-2011
5	9.84	9.2	32	754	08:28:46	09-Dec-2011
6	10.45	8.2	34	754	08:33:46	09-Dec-2011
7	11.22	7.4	36	754	08:38:46	09-Dec-2011
8	11.7	6.6	38	754	08:43:46	09-Dec-2011
9	12.22	5.9	39	754	08:48:46	09-Dec-2011
10	12.3	5.3	41	754	08:53:46	09-Dec-2011
11	12.44	4.8	43	754	08:58:46	09-Dec-2011
12	13.11	4.3	44	754	09:03:46	09-Dec-2011
13	13.42	3.7	46	754	09:08:46	09-Dec-2011
14	14.13	3.3	47	754	09:13:46	09-Dec-2011
15	14.47	2.9	49	754	09:18:46	09-Dec-2011
16	14.48	2.5	50	754	09:23:46	09-Dec-2011
17	14.92	2.2	51	754	09:28:46	09-Dec-2011
18	15.28	1.9	52	754	09:33:46	09-Dec-2011
19	15.11	1.7	53	754	09:38:46	09-Dec-2011
20	14.27	1.5	54	754	09:43:46	09-Dec-2011
21	14.21	1.3	54	754	09:48:46	09-Dec-2011
22	13.98	1.1	55	754	09:53:46	09-Dec-2011
23	13.86	0.8	56	754	09:58:46	09-Dec-2011
24	14.09	0.6	57	754	10:03:46	09-Dec-2011
25	14.53	0.4	57	754	10:08:46	09-Dec-2011
26	14.32	0.3	58	754	10:13:46	09-Dec-2011
27	14.61	0.1	59	754	10:18:46	09-Dec-2011
28	15.15	0	60	754	10:23:46	09-Dec-2011
29	15.15	0	60	754	10:28:46	09-Dec-2011
30	15.5	-0.1	60	754	10:33:46	09-Dec-2011
31	15.2	-0.2	61	754	10:38:46	09-Dec-2011
32	15.93	-0.2	61	754	10:43:46	09-Dec-2011
33	15.66	-0.3	61	754	10:48:46	09-Dec-2011
34	15.86	-0.3	61	754	10:53:46	09-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
35	15.87	-0.3	62	754	10:58:46	09-Dec-2011
36	15.93	-0.3	61	754	11:03:46	09-Dec-2011
37	16.21	-0.3	62	754	11:08:46	09-Dec-2011
38	16.03	-0.3	62	754	11:13:46	09-Dec-2011
39	15.46	-0.3	62	754	11:18:46	09-Dec-2011
40	15.09	-0.3	62	754	11:23:46	09-Dec-2011
41	15.62	-0.3	62	754	11:28:46	09-Dec-2011
42	15.61	-0.3	62	754	11:33:46	09-Dec-2011
43	16.23	-0.4	63	754	11:38:46	09-Dec-2011
44	15.91	-0.4	63	754	11:43:46	09-Dec-2011
45	16.51	-0.4	63	754	11:48:46	09-Dec-2011
46	17.39	-0.4	63	754	11:53:46	09-Dec-2011
47	17.8	-0.5	63	754	11:58:46	09-Dec-2011
48	17.58	-0.5	63	754	12:03:46	09-Dec-2011
49	17.86	-0.6	63	754	12:08:46	09-Dec-2011
50	19.66	-0.6	62	754	12:13:46	09-Dec-2011
51	18.31	-0.7	61	754	12:18:46	09-Dec-2011
52	16.65	-0.8	59	754	12:23:46	09-Dec-2011
53	14.91	-0.9	58	754	12:28:46	09-Dec-2011
54	14.58	-1	57	754	12:33:46	09-Dec-2011
55	11.65	-1.2	57	754	12:38:46	09-Dec-2011
56	10.54	-1.3	56	754	12:43:46	09-Dec-2011
57	9.91	-1.4	55	754	12:48:46	09-Dec-2011
58	9.59	-1.5	55	754	12:53:46	09-Dec-2011
59	9.75	-1.7	55	754	12:58:46	09-Dec-2011
60	9.54	-1.9	56	754	13:03:46	09-Dec-2011
61	9.16	-2	55	754	13:08:46	09-Dec-2011
62	8.95	-2.1	55	754	13:13:46	09-Dec-2011
63	8.92	-2.1	55	754	13:18:46	09-Dec-2011
64	9.24	-2.2	55	754	13:23:46	09-Dec-2011
65	8.89	-2.3	56	754	13:28:46	09-Dec-2011
66	7.79	-2.3	55	754	13:33:46	09-Dec-2011
67	7.38	-2.4	55	754	13:38:46	09-Dec-2011
68	6.9	-2.4	54	754	13:43:46	09-Dec-2011
69	7.32	-2.4	54	754	13:48:46	09-Dec-2011
70	7.31	-2.4	54	754	13:53:46	09-Dec-2011
71	7.44	-2.4	54	754	13:58:46	09-Dec-2011
72	7.94	-2.5	55	754	14:03:46	09-Dec-2011
73	8.33	-2.5	55	754	14:08:46	09-Dec-2011
74	7.54	-2.5	55	754	14:13:46	09-Dec-2011
75	7.75	-2.5	55	756	14:18:46	09-Dec-2011
76	7.16	-2.4	55	754	14:23:46	09-Dec-2011
1	15.71	14.5	18	762	07:53:11	12-Dec-2011
2	16.99	12.8	15	762	07:58:11	12-Dec-2011
3	17.87	11.2	17	762	08:03:11	12-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
4	19.21	9.8	18	762	08:08:11	12-Dec-2011
5	20.36	8.5	19	762	08:13:11	12-Dec-2011
6	21.23	7.3	21	762	08:18:11	12-Dec-2011
7	23.02	6.3	23	762	08:23:11	12-Dec-2011
8	22.91	5.4	24	762	08:28:11	12-Dec-2011
9	24	4.6	26	762	08:33:11	12-Dec-2011
10	25.12	4	27	762	08:38:11	12-Dec-2011
11	24.9	3.4	28	762	08:43:11	12-Dec-2011
12	24.92	2.9	29	762	08:48:11	12-Dec-2011
13	25.36	2.5	30	762	08:53:11	12-Dec-2011
14	26.22	2.1	31	762	08:58:11	12-Dec-2011
15	25.65	1.8	32	762	09:03:11	12-Dec-2011
16	25.37	1.5	32	762	09:08:11	12-Dec-2011
17	26.09	1.3	33	762	09:13:11	12-Dec-2011
18	25.36	1.1	33	762	09:18:11	12-Dec-2011
19	25.17	1	33	762	09:23:11	12-Dec-2011
20	24.86	0.8	33	762	09:28:11	12-Dec-2011
21	25.44	0.7	34	762	09:33:11	12-Dec-2011
22	25.22	0.7	34	762	09:38:11	12-Dec-2011
23	25.03	0.6	34	762	09:43:11	12-Dec-2011
24	24.49	0.6	35	762	09:48:11	12-Dec-2011
25	24.9	0.6	35	762	09:53:11	12-Dec-2011
26	25.86	0.6	35	762	09:58:11	12-Dec-2011
27	25.6	0.7	35	762	10:03:11	12-Dec-2011
28	24.6	0.7	35	762	10:08:11	12-Dec-2011
29	25.24	0.8	34	762	10:13:11	12-Dec-2011
30	25.18	0.8	34	762	10:18:11	12-Dec-2011
31	23.22	0.9	34	762	10:23:11	12-Dec-2011
32	23.05	1	34	762	10:28:11	12-Dec-2011
33	23.72	1.1	34	762	10:33:11	12-Dec-2011
34	23.88	1.2	34	762	10:38:11	12-Dec-2011
35	22.28	1.3	34	762	10:43:11	12-Dec-2011
36	22.2	1.4	33	762	10:48:11	12-Dec-2011
37	22.58	1.6	33	762	10:53:11	12-Dec-2011
38	22.3	1.7	33	762	10:58:11	12-Dec-2011
39	22.51	1.8	33	762	11:03:11	12-Dec-2011
40	22.88	1.9	33	762	11:08:11	12-Dec-2011
41	22.72	2.1	32	762	11:13:11	12-Dec-2011
42	23.04	2.3	32	762	11:18:11	12-Dec-2011
43	22.88	2.4	32	762	11:23:11	12-Dec-2011
44	21.24	2.6	32	762	11:28:11	12-Dec-2011
45	22.15	2.8	31	762	11:33:11	12-Dec-2011
46	23.04	2.9	32	762	11:38:11	12-Dec-2011
47	22.14	3.1	31	762	11:43:11	12-Dec-2011
48	21.56	3.3	31	762	11:48:11	12-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
49	21.19	3.5	30	762	11:53:11	12-Dec-2011
50	21.13	3.6	30	762	11:58:11	12-Dec-2011
51	22.55	3.7	30	762	12:03:11	12-Dec-2011
52	20.78	3.9	29	762	12:08:11	12-Dec-2011
53	21.66	4.1	29	760	12:13:11	12-Dec-2011
54	20.83	4.2	29	760	12:18:11	12-Dec-2011
55	20.45	4.4	28	760	12:23:11	12-Dec-2011
56	19.52	4.5	28	760	12:28:11	12-Dec-2011
57	18.07	4.6	28	760	12:33:11	12-Dec-2011
58	17.22	4.6	28	760	12:38:11	12-Dec-2011
59	18.05	4.7	28	760	12:43:11	12-Dec-2011
60	16.82	4.8	28	760	12:48:11	12-Dec-2011
61	17.04	4.8	28	760	12:53:11	12-Dec-2011
62	17.26	4.9	28	760	12:58:11	12-Dec-2011
63	16.8	4.9	28	760	13:03:11	12-Dec-2011
64	16.51	4.9	28	760	13:08:11	12-Dec-2011
65	17.37	5	28	760	13:13:11	12-Dec-2011
66	17.17	5	28	760	13:18:11	12-Dec-2011
67	17.64	5	28	760	13:23:11	12-Dec-2011
68	16.93	5.1	28	760	13:28:11	12-Dec-2011
69	16.04	5.1	28	760	13:33:11	12-Dec-2011
70	15.85	5.1	28	760	13:38:11	12-Dec-2011
71	16.52	5.1	29	760	13:43:11	12-Dec-2011
72	15.74	5.1	28	760	13:48:11	12-Dec-2011
73	15.65	5.1	28	760	13:53:11	12-Dec-2011
74	15.09	5.1	28	760	13:58:11	12-Dec-2011
75	14.85	5.2	28	760	14:03:11	12-Dec-2011
76	14.64	5.2	28	760	14:08:11	12-Dec-2011
77	15.04	5.3	28	760	14:13:11	12-Dec-2011
78	13.69	5.3	28	760	14:18:11	12-Dec-2011
79	13.11	5.3	28	760	14:23:11	12-Dec-2011
80	15.64	5.3	28	760	14:28:11	12-Dec-2011
81	20.67	5.3	30	760	14:33:11	12-Dec-2011
82	18.84	5.3	33	760	14:38:11	12-Dec-2011
83	19.38	5.3	34	760	14:43:11	12-Dec-2011
84	19.06	5.3	34	760	14:48:11	12-Dec-2011
85	20.42	5.2	35	760	14:53:11	12-Dec-2011
86	22.33	5.1	36	760	14:58:11	12-Dec-2011
87	24.21	5	37	760	15:03:11	12-Dec-2011
88	25.68	4.9	38	760	15:08:11	12-Dec-2011
89	25.93	4.8	38	760	15:13:11	12-Dec-2011
90	25.63	4.6	39	760	15:18:11	12-Dec-2011
91	24.61	4.5	38	760	15:23:11	12-Dec-2011
1	56.31	2.3	55	756	15:52:52	13-Dec-2011
2	54.33	2.6	57	760	15:57:52	13-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
3	54.57	2.7	57	760	16:02:52	13-Dec-2011
4	55.79	2.7	57	760	16:07:52	13-Dec-2011
5	53.79	2.7	57	760	16:12:52	13-Dec-2011
6	55.37	2.7	56	760	16:17:52	13-Dec-2011
7	57.03	2.7	57	760	16:22:52	13-Dec-2011
8	47.35	2.7	57	760	16:27:52	13-Dec-2011
9	49.04	2.7	56	760	16:32:52	13-Dec-2011
10	55.71	2.6	58	760	16:37:52	13-Dec-2011
11	59.64	2.6	60	760	16:42:52	13-Dec-2011
12	63.44	2.5	61	760	16:47:52	13-Dec-2011
13	65.83	2.4	62	760	16:52:52	13-Dec-2011
1	24.85	18.3	18	762	07:54:56	13-Dec-2011
2	26.81	16.8	15	762	07:59:56	13-Dec-2011
3	27.59	15.4	16	762	08:04:56	13-Dec-2011
4	29.27	14	18	760	08:09:56	13-Dec-2011
5	30.42	12.7	19	760	08:14:56	13-Dec-2011
6	41.84	11.6	21	760	08:19:56	13-Dec-2011
7	32.1	10.5	22	760	08:24:56	13-Dec-2011
8	35.58	9.5	24	760	08:29:56	13-Dec-2011
9	39.34	8.6	26	760	08:34:56	13-Dec-2011
10	43.03	7.8	28	760	08:39:56	13-Dec-2011
11	36.57	7.1	30	760	08:44:56	13-Dec-2011
12	36.35	6.5	32	760	08:49:56	13-Dec-2011
13	37.98	5.9	33	762	08:54:56	13-Dec-2011
14	37.96	5.3	35	762	08:59:56	13-Dec-2011
15	38.35	4.8	38	762	09:04:56	13-Dec-2011
16	38.49	4.4	40	762	09:09:56	13-Dec-2011
17	38.39	4	41	762	09:14:56	13-Dec-2011
18	40.07	3.7	42	762	09:19:56	13-Dec-2011
19	38.69	3.4	41	762	09:24:56	13-Dec-2011
20	41.71	3.2	42	762	09:29:56	13-Dec-2011
21	41.63	3	42	762	09:34:56	13-Dec-2011
22	43.35	2.8	43	762	09:39:56	13-Dec-2011
23	42.59	2.6	45	762	09:44:56	13-Dec-2011
24	41.45	2.5	45	762	09:49:56	13-Dec-2011
25	39.1	2.4	47	762	09:54:56	13-Dec-2011
26	36.8	2.3	47	762	09:59:56	13-Dec-2011
27	36.06	2.3	47	762	10:04:56	13-Dec-2011
28	35.73	2.2	45	762	10:09:56	13-Dec-2011
29	33.41	2.2	44	762	10:14:56	13-Dec-2011
30	34.41	2.2	43	762	10:19:56	13-Dec-2011
31	33.81	2.1	44	762	10:24:56	13-Dec-2011
32	30.27	2.1	45	762	10:29:56	13-Dec-2011
33	28.88	2.2	44	762	10:34:56	13-Dec-2011
34	28.82	2.5	44	762	10:39:56	13-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
35	29.84	2.7	44	762	10:44:56	13-Dec-2011
36	31.17	2.9	44	762	10:49:56	13-Dec-2011
37	32.51	3	45	762	10:54:56	13-Dec-2011
38	31.87	3.1	45	762	10:59:56	13-Dec-2011
39	29.13	3.2	44	762	11:04:56	13-Dec-2011
40	30.37	3.3	41	762	11:09:56	13-Dec-2011
41	31.88	3.4	42	762	11:14:56	13-Dec-2011
42	32.98	3.5	44	760	11:19:56	13-Dec-2011
43	32.1	3.4	44	760	11:24:56	13-Dec-2011
44	29.34	3.4	42	760	11:29:56	13-Dec-2011
45	28.95	3.3	43	760	11:34:56	13-Dec-2011
46	28.26	3.3	43	760	11:39:56	13-Dec-2011
47	28.11	3.3	43	760	11:44:56	13-Dec-2011
48	26.75	3.2	43	760	11:49:56	13-Dec-2011
49	25.09	3.3	42	760	11:54:56	13-Dec-2011
50	24.9	3.3	42	760	11:59:56	13-Dec-2011
51	25.22	3.4	43	760	12:04:56	13-Dec-2011
52	25.24	3.5	43	760	12:09:56	13-Dec-2011
53	25.8	3.6	44	760	12:14:56	13-Dec-2011
54	25.75	3.6	43	760	12:19:56	13-Dec-2011
55	25.8	3.7	42	760	12:24:56	13-Dec-2011
56	27.37	3.8	43	760	12:29:56	13-Dec-2011
57	29.85	3.8	44	760	12:34:56	13-Dec-2011
58	30.86	3.8	46	760	12:39:56	13-Dec-2011
59	31.88	3.8	46	760	12:44:56	13-Dec-2011
60	34.52	3.9	48	760	12:49:56	13-Dec-2011
61	32.86	4	47	760	12:54:56	13-Dec-2011
62	35.21	4.2	48	760	12:59:56	13-Dec-2011
63	38.17	4.4	48	760	13:04:56	13-Dec-2011
64	36.65	4.4	47	760	13:09:56	13-Dec-2011
65	36.83	4.4	47	760	13:14:56	13-Dec-2011
66	37.99	4.4	48	760	13:19:56	13-Dec-2011
67	37.98	4.4	48	760	13:24:56	13-Dec-2011
68	37.7	4.3	48	760	13:29:56	13-Dec-2011
69	38.86	4.2	48	760	13:34:56	13-Dec-2011
70	38.97	4.2	49	760	13:39:56	13-Dec-2011
71	38.26	4.1	49	760	13:44:56	13-Dec-2011
72	39.01	4	48	760	13:49:56	13-Dec-2011
73	40.9	4	48	760	13:54:56	13-Dec-2011
74	40.64	4	49	760	13:59:56	13-Dec-2011
75	40.88	3.9	48	760	14:04:56	13-Dec-2011
76	41.7	3.9	48	760	14:09:56	13-Dec-2011
77	42.99	3.8	49	760	14:14:56	13-Dec-2011
78	46.28	3.8	49	760	14:19:56	13-Dec-2011
79	45.41	3.8	49	760	14:24:56	13-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
80	48.25	3.7	51	760	14:29:56	13-Dec-2011
81	48.79	3.6	51	760	14:34:56	13-Dec-2011
82	49.8	3.6	50	760	14:39:56	13-Dec-2011
83	52.25	3.5	51	760	14:44:56	13-Dec-2011
84	52.05	3.4	51	760	14:49:56	13-Dec-2011
85	51.51	3.4	52	760	14:54:56	13-Dec-2011
86	52.14	3.3	52	760	14:59:56	13-Dec-2011
87	52.25	3.2	52	760	15:04:56	13-Dec-2011
88	56.73	3.2	53	760	15:09:56	13-Dec-2011
89	56.63	3.1	53	760	15:14:56	13-Dec-2011
90	56.22	3	54	760	15:19:56	13-Dec-2011
91	58.27	3	54	760	15:24:56	13-Dec-2011
92	59.54	2.9	54	760	15:29:56	13-Dec-2011
93	55.79	2.9	54	760	15:34:56	13-Dec-2011
1	-2.13	18.6	50	742	10:21:25	15-Dec-2011
2	-2.25	18.1	53	742	10:26:25	15-Dec-2011
3	-2.19	17.6	55	742	10:31:25	15-Dec-2011
4	-2.28	17.2	57	742	10:36:25	15-Dec-2011
5	-2	16.8	58	742	10:41:25	15-Dec-2011
6	-2.04	16.5	60	742	10:46:25	15-Dec-2011
7	-1.66	16.1	61	742	10:51:25	15-Dec-2011
8	-1.76	15.8	63	742	10:56:25	15-Dec-2011
1	3.86	19.5	19	756	06:16:25	16-Dec-2011
2	4.27	18.4	12	756	06:21:25	16-Dec-2011
3	4.71	17	12	756	06:26:25	16-Dec-2011
4	5.12	15.6	13	756	06:31:25	16-Dec-2011
5	5.58	14.1	14	756	06:36:25	16-Dec-2011
6	6.08	12.7	15	756	06:41:25	16-Dec-2011
7	6.77	11.3	17	756	06:46:25	16-Dec-2011
8	7.04	10.1	18	756	06:51:25	16-Dec-2011
9	7.62	9	20	756	06:56:25	16-Dec-2011
10	7.82	7.9	21	756	07:01:25	16-Dec-2011
11	8.21	6.9	23	756	07:06:25	16-Dec-2011
12	8.84	6.1	25	756	07:11:25	16-Dec-2011
13	8.79	5.4	26	756	07:16:25	16-Dec-2011
14	9.35	4.7	27	756	07:21:25	16-Dec-2011
15	9.32	4.2	29	756	07:26:25	16-Dec-2011
16	9.47	3.6	30	756	07:31:25	16-Dec-2011
17	10.03	3.1	31	756	07:36:25	16-Dec-2011
18	11.03	2.7	32	756	07:41:25	16-Dec-2011
19	11.7	2.3	34	756	07:46:25	16-Dec-2011
20	12.16	1.9	35	756	07:51:25	16-Dec-2011
21	12.26	1.5	36	756	07:56:25	16-Dec-2011
22	11.69	1.2	37	756	08:01:25	16-Dec-2011
23	11.48	0.8	38	756	08:06:25	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
24	12.8	0.5	39	756	08:11:25	16-Dec-2011
25	12.99	0.2	39	756	08:16:25	16-Dec-2011
26	13.12	0	40	756	08:21:25	16-Dec-2011
27	12.41	-0.1	41	756	08:26:25	16-Dec-2011
28	14.21	-0.3	41	756	08:31:25	16-Dec-2011
29	12.07	-0.4	41	756	08:36:25	16-Dec-2011
30	13.16	-0.5	42	756	08:41:25	16-Dec-2011
31	12.59	-0.6	42	756	08:46:25	16-Dec-2011
32	12.27	-0.7	43	756	08:51:25	16-Dec-2011
33	11.91	-0.8	43	756	08:56:25	16-Dec-2011
34	11.85	-0.8	43	756	09:01:25	16-Dec-2011
35	12.01	-0.8	43	756	09:06:25	16-Dec-2011
36	11.71	-0.8	44	758	09:11:25	16-Dec-2011
37	12.59	-0.8	44	758	09:16:25	16-Dec-2011
38	10.94	-0.8	44	758	09:21:25	16-Dec-2011
39	10.86	-0.9	44	756	09:26:25	16-Dec-2011
40	11.25	-0.9	44	756	09:31:25	16-Dec-2011
41	10.91	-0.8	44	756	09:36:25	16-Dec-2011
42	10.98	-0.8	44	756	09:41:25	16-Dec-2011
43	10.56	-0.7	44	756	09:46:25	16-Dec-2011
44	10.15	-0.7	43	758	09:51:25	16-Dec-2011
45	10.28	-0.6	43	758	09:56:25	16-Dec-2011
46	10.19	-0.5	43	758	10:01:25	16-Dec-2011
47	9.99	-0.4	43	758	10:06:25	16-Dec-2011
48	10.06	-0.3	43	758	10:11:25	16-Dec-2011
49	10.21	-0.2	43	756	10:16:25	16-Dec-2011
50	9.67	0	43	756	10:21:25	16-Dec-2011
51	9.9	0.1	42	756	10:26:25	16-Dec-2011
52	9.89	0.3	41	758	10:31:25	16-Dec-2011
53	9.64	0.4	41	758	10:36:25	16-Dec-2011
54	9.48	0.5	41	758	10:41:25	16-Dec-2011
55	9.77	0.5	41	758	10:46:25	16-Dec-2011
56	9.65	0.5	41	758	10:51:25	16-Dec-2011
57	9.83	0.5	41	758	10:56:25	16-Dec-2011
58	9.7	0.5	41	758	11:01:25	16-Dec-2011
59	9.74	0.6	42	758	11:06:25	16-Dec-2011
60	9.67	0.7	41	758	11:11:25	16-Dec-2011
61	9.71	0.8	41	758	11:16:25	16-Dec-2011
62	9.62	0.9	40	758	11:21:25	16-Dec-2011
63	9.52	1.1	40	758	11:26:25	16-Dec-2011
64	9.5	1.2	40	758	11:31:25	16-Dec-2011
65	9.41	1.2	41	758	11:36:25	16-Dec-2011
66	9.53	1.2	40	758	11:41:25	16-Dec-2011
67	9.24	1.2	40	758	11:46:25	16-Dec-2011
68	9.21	1.1	40	758	11:51:25	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
69	9.16	1	40	758	11:56:25	16-Dec-2011
70	9.29	0.9	41	758	12:01:25	16-Dec-2011
71	9.17	0.9	41	758	12:06:25	16-Dec-2011
72	9.37	0.8	41	758	12:11:25	16-Dec-2011
73	9.33	0.7	41	758	12:16:25	16-Dec-2011
74	9.51	0.6	42	758	12:21:25	16-Dec-2011
75	9.58	0.5	42	758	12:26:25	16-Dec-2011
76	9.98	0.5	42	758	12:31:25	16-Dec-2011
77	10.82	0.4	43	758	12:36:25	16-Dec-2011
78	10.78	0.3	43	758	12:41:25	16-Dec-2011
79	10.95	0.2	44	758	12:46:25	16-Dec-2011
80	11.15	0.2	44	758	12:51:25	16-Dec-2011
81	10.63	0.1	45	758	12:56:25	16-Dec-2011
82	11.11	0.1	44	758	13:01:25	16-Dec-2011
83	11.45	0	45	758	13:06:25	16-Dec-2011
84	11.83	0	46	758	13:11:25	16-Dec-2011
85	11.7	0	46	756	13:16:25	16-Dec-2011
86	11.72	0	46	756	13:21:25	16-Dec-2011
87	11.63	0	46	756	13:26:25	16-Dec-2011
88	11.87	0	46	756	13:31:25	16-Dec-2011
89	12.11	0	46	756	13:36:25	16-Dec-2011
90	11.61	0	46	756	13:41:25	16-Dec-2011
91	11.2	0	46	756	13:46:25	16-Dec-2011
92	11.64	0	46	756	13:51:25	16-Dec-2011
93	11.23	0	46	756	13:56:25	16-Dec-2011
94	11.08	-0.1	46	756	14:01:25	16-Dec-2011
95	11.41	-0.1	46	756	14:06:25	16-Dec-2011
96	11.81	-0.1	46	756	14:11:25	16-Dec-2011
97	11.9	-0.2	47	756	14:16:25	16-Dec-2011
98	11.75	-0.2	46	756	14:21:25	16-Dec-2011
99	11.88	-0.3	46	756	14:26:25	16-Dec-2011
100	12.17	-0.3	46	756	14:31:25	16-Dec-2011
101	11.72	-0.3	47	756	14:36:25	16-Dec-2011
102	11.69	-0.4	47	756	14:41:25	16-Dec-2011
103	11.94	-0.4	46	756	14:46:25	16-Dec-2011
104	12.9	-0.4	47	756	14:51:25	16-Dec-2011
105	12.61	-0.5	47	756	14:56:25	16-Dec-2011
106	12.54	-0.5	47	756	15:01:25	16-Dec-2011
107	12.38	-0.6	47	756	15:06:25	16-Dec-2011
108	12.79	-0.6	47	756	15:11:25	16-Dec-2011
109	12.38	-0.7	48	756	15:16:25	16-Dec-2011
110	12.51	-0.7	48	756	15:21:25	16-Dec-2011
111	11.99	-0.8	48	756	15:26:25	16-Dec-2011
112	11.73	-0.8	48	756	15:31:25	16-Dec-2011
113	11.48	-0.8	48	756	15:36:25	16-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
114	11.33	-0.9	48	756	15:41:25	16-Dec-2011
115	11.74	-1	48	756	15:46:25	16-Dec-2011
116	11.55	-1	47	756	15:51:25	16-Dec-2011
117	11.97	-1.1	48	756	15:56:25	16-Dec-2011
118	11.73	-1.1	48	756	16:01:25	16-Dec-2011
1	16.09	14.7	27	748	07:00:40	19-Dec-2011
2	16.36	13.6	28	748	07:05:40	19-Dec-2011
3	16.89	12.7	29	748	07:10:40	19-Dec-2011
4	17.02	11.9	31	748	07:15:40	19-Dec-2011
5	17.02	11.2	32	748	07:20:40	19-Dec-2011
6	17.36	10.6	34	748	07:25:40	19-Dec-2011
7	17.67	10	35	748	07:30:40	19-Dec-2011
8	17.9	9.5	36	748	07:35:40	19-Dec-2011
9	17.98	9.1	38	748	07:40:40	19-Dec-2011
10	18.2	8.7	39	748	07:45:40	19-Dec-2011
11	18.17	8.3	40	748	07:50:40	19-Dec-2011
12	18.45	8	41	748	07:55:40	19-Dec-2011
13	18.22	7.7	42	748	08:00:40	19-Dec-2011
14	18.43	7.5	43	746	08:05:40	19-Dec-2011
15	18.51	7.2	44	746	08:10:40	19-Dec-2011
16	18.77	7	45	746	08:15:40	19-Dec-2011
17	18.73	6.7	45	748	08:20:40	19-Dec-2011
18	18.9	6.5	46	748	08:25:40	19-Dec-2011
19	19	6.3	47	748	08:30:40	19-Dec-2011
20	18.84	6.2	48	748	08:35:40	19-Dec-2011
21	18.77	6	48	748	08:40:40	19-Dec-2011
22	19.01	5.9	49	748	08:45:40	19-Dec-2011
23	18.9	5.8	49	748	08:50:40	19-Dec-2011
24	18.64	5.7	50	748	08:55:40	19-Dec-2011
25	18.44	5.6	50	748	09:00:40	19-Dec-2011
26	18.54	5.5	51	748	09:05:40	19-Dec-2011
27	18.5	5.5	51	748	09:10:40	19-Dec-2011
28	18.21	5.4	52	748	09:15:40	19-Dec-2011
29	17.92	5.4	52	748	09:20:40	19-Dec-2011
30	17.8	5.4	52	748	09:25:40	19-Dec-2011
31	17.58	5.4	53	748	09:30:40	19-Dec-2011
32	17.7	5.4	53	748	09:35:40	19-Dec-2011
33	17.06	5.4	53	748	09:40:40	19-Dec-2011
34	16.94	5.4	53	748	09:45:40	19-Dec-2011
35	16.97	5.4	54	748	09:50:40	19-Dec-2011
36	16.87	5.5	54	748	09:55:40	19-Dec-2011
37	16.92	5.5	54	748	10:00:40	19-Dec-2011
38	16.72	5.5	54	748	10:05:40	19-Dec-2011
39	16.67	5.5	55	748	10:10:40	19-Dec-2011
40	16.63	5.5	55	748	10:15:40	19-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
41	16.76	5.5	55	748	10:20:40	19-Dec-2011
42	16.63	5.5	55	748	10:25:40	19-Dec-2011
43	16.58	5.5	56	748	10:30:40	19-Dec-2011
44	16.57	5.6	56	748	10:35:40	19-Dec-2011
45	16.57	5.6	56	748	10:40:40	19-Dec-2011
46	16.45	5.6	56	748	10:45:40	19-Dec-2011
47	16.4	5.6	56	748	10:50:40	19-Dec-2011
48	16.56	5.7	56	748	10:55:40	19-Dec-2011
49	16.37	5.7	56	748	11:00:40	19-Dec-2011
50	16.27	5.8	56	748	11:05:40	19-Dec-2011
51	16.31	5.8	56	748	11:10:40	19-Dec-2011
52	16.51	5.9	56	748	11:15:40	19-Dec-2011
53	16.62	5.9	56	748	11:20:40	19-Dec-2011
54	16.57	6	56	748	11:25:40	19-Dec-2011
55	16.37	6	56	748	11:30:40	19-Dec-2011
56	16.51	6.1	56	748	11:35:40	19-Dec-2011
57	16.32	6.1	56	748	11:40:40	19-Dec-2011
58	16.1	6.2	56	748	11:45:40	19-Dec-2011
59	16.27	6.2	56	748	11:50:40	19-Dec-2011
60	16.3	6.3	55	748	11:55:40	19-Dec-2011
61	16.16	6.3	55	748	12:00:40	19-Dec-2011
62	15.95	6.4	55	748	12:05:40	19-Dec-2011
63	16.12	6.5	55	748	12:10:40	19-Dec-2011
64	16.1	6.5	55	748	12:15:40	19-Dec-2011
65	16.02	6.6	55	748	12:20:40	19-Dec-2011
66	15.83	6.7	55	748	12:25:40	19-Dec-2011
67	15.79	6.8	55	748	12:30:40	19-Dec-2011
68	15.78	6.9	55	748	12:35:40	19-Dec-2011
69	15.86	7.1	55	748	12:40:40	19-Dec-2011
70	15.72	7.2	55	748	12:45:40	19-Dec-2011
71	15.42	7.3	54	748	12:50:40	19-Dec-2011
72	15.42	7.4	54	748	12:55:40	19-Dec-2011
73	15.17	7.5	54	748	13:00:40	19-Dec-2011
74	14.99	7.6	54	748	13:05:40	19-Dec-2011
75	14.87	7.7	53	748	13:10:40	19-Dec-2011
76	14.56	7.8	53	746	13:15:40	19-Dec-2011
77	14.32	7.9	53	746	13:20:40	19-Dec-2011
78	14.29	8.1	52	746	13:25:40	19-Dec-2011
79	14.17	8.3	52	746	13:30:40	19-Dec-2011
80	14.02	8.6	51	746	13:35:40	19-Dec-2011
81	14.12	8.7	51	746	13:40:40	19-Dec-2011
82	13.89	8.8	50	746	13:45:40	19-Dec-2011
83	13.98	8.9	50	746	13:50:40	19-Dec-2011
84	14.04	9	50	746	13:55:40	19-Dec-2011
85	14.22	9	50	746	14:00:40	19-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number	**ADR-1500**	Maximum Concentration	112.74	ug/m3	
Serial no.	**155248003**	Max. concentration allowed	15,000	ug/m3	
Unit Number	**Unit #3**				

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
86	14.51	9	50	746	14:05:40	19-Dec-2011
87	14.44	9	50	748	14:10:40	19-Dec-2011
88	14.68	9	51	748	14:15:40	19-Dec-2011
89	14.3	9	51	748	14:20:40	19-Dec-2011
90	14.01	9	52	746	14:25:40	19-Dec-2011
91	13.64	9.1	51	746	14:30:40	19-Dec-2011
92	13.43	9.2	51	746	14:35:40	19-Dec-2011
93	12.72	9.4	49	746	14:40:40	19-Dec-2011
94	12.76	9.5	48	746	14:45:40	19-Dec-2011
95	12.9	9.5	48	748	14:50:40	19-Dec-2011
96	12.98	9.6	48	748	14:55:40	19-Dec-2011
97	12.94	9.6	48	748	15:00:40	19-Dec-2011
98	13.23	9.6	48	748	15:05:40	19-Dec-2011
99	13.81	9.6	47	748	15:10:40	19-Dec-2011
100	14.18	9.5	48	748	15:15:40	19-Dec-2011
101	15.37	9.5	48	748	15:20:40	19-Dec-2011
102	15.31	9.5	48	748	15:25:40	19-Dec-2011
103	15.5	9.4	48	748	15:30:40	19-Dec-2011
104	16.24	9.4	48	748	15:35:40	19-Dec-2011
105	15.33	9.3	48	748	15:40:40	19-Dec-2011
106	15.14	9.3	48	748	15:45:40	19-Dec-2011
107	15.73	9.2	49	748	15:50:40	19-Dec-2011
108	15.76	9.2	49	748	15:55:40	19-Dec-2011
109	15.9	9.1	49	748	16:00:40	19-Dec-2011
110	15.94	9.1	50	748	16:05:40	19-Dec-2011
111	15.98	9	50	748	16:10:40	19-Dec-2011
1	6.51	15.7	21	746	06:34:35	20-Dec-2011
2	6.03	15	17	754	06:39:35	20-Dec-2011
3	3.43	13.6	18	754	06:44:35	20-Dec-2011
4	3.71	12.1	20	754	06:49:35	20-Dec-2011
5	7.25	10.9	22	754	06:54:35	20-Dec-2011
6	6.26	9.9	23	754	06:59:35	20-Dec-2011
7	7.06	9	24	754	07:04:35	20-Dec-2011
8	5.49	8.2	26	754	07:09:35	20-Dec-2011
9	5.56	7.4	27	754	07:14:35	20-Dec-2011
10	7.55	6.7	29	756	07:19:35	20-Dec-2011
11	6.55	6.1	30	756	07:24:35	20-Dec-2011
12	6.5	5.6	32	756	07:29:35	20-Dec-2011
13	6.03	5.1	33	756	07:34:35	20-Dec-2011
14	6.17	4.6	34	756	07:39:35	20-Dec-2011
15	7.3	4.2	35	756	07:44:35	20-Dec-2011
16	8.49	3.8	36	754	07:49:35	20-Dec-2011
17	10.48	3.4	37	754	07:54:35	20-Dec-2011
18	7.12	3.1	38	756	07:59:35	20-Dec-2011
19	10.62	2.6	40	754	08:04:35	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
20	7.79	2.2	41	754	08:09:35	20-Dec-2011
21	7.11	2	42	754	08:14:35	20-Dec-2011
22	7.29	1.7	42	754	08:19:35	20-Dec-2011
23	7.39	1.6	43	754	08:24:35	20-Dec-2011
24	8.07	1.4	44	754	08:29:35	20-Dec-2011
25	18.35	1.3	44	756	08:34:35	20-Dec-2011
26	16.75	1.1	45	754	08:39:35	20-Dec-2011
27	10.84	1	45	754	08:44:35	20-Dec-2011
28	8.55	0.9	46	756	08:49:35	20-Dec-2011
29	12.13	0.8	47	756	08:54:35	20-Dec-2011
30	20.53	0.7	47	754	08:59:35	20-Dec-2011
31	18.14	0.6	47	754	09:04:35	20-Dec-2011
32	25.72	0.5	48	754	09:09:35	20-Dec-2011
33	30.09	0.5	48	754	09:14:35	20-Dec-2011
34	112.74	0.4	49	754	09:19:35	20-Dec-2011
35	10.63	0.3	49	754	09:24:35	20-Dec-2011
36	16.28	0.3	50	756	09:29:35	20-Dec-2011
37	25.87	0.2	50	756	09:34:35	20-Dec-2011
38	41.43	0.1	51	756	09:39:35	20-Dec-2011
39	27.87	0	52	754	09:44:35	20-Dec-2011
40	19.5	0	53	756	09:49:35	20-Dec-2011
41	19.1	0	53	756	09:54:35	20-Dec-2011
42	37	0	53	756	09:59:35	20-Dec-2011
43	21.69	0	53	754	10:04:35	20-Dec-2011
44	31.17	0	53	754	10:09:35	20-Dec-2011
45	23.03	0	54	754	10:14:35	20-Dec-2011
46	50.16	0	54	754	10:19:35	20-Dec-2011
47	56.13	-0.1	54	754	10:24:35	20-Dec-2011
48	21.4	-0.1	55	754	10:29:35	20-Dec-2011
49	38.05	-0.1	55	754	10:34:35	20-Dec-2011
50	16.09	-0.1	54	754	10:39:35	20-Dec-2011
51	9.26	-0.2	54	754	10:44:35	20-Dec-2011
52	5.74	-0.2	54	754	10:49:35	20-Dec-2011
53	31.35	-0.3	53	754	10:54:35	20-Dec-2011
54	6.88	-0.3	54	754	10:59:35	20-Dec-2011
55	31.18	-0.3	55	754	11:04:35	20-Dec-2011
56	10.13	-0.4	55	754	11:09:35	20-Dec-2011
57	44.12	-0.4	54	754	11:14:35	20-Dec-2011
58	13.47	-0.4	54	754	11:19:35	20-Dec-2011
59	5.94	-0.4	54	754	11:24:35	20-Dec-2011
60	9.39	-0.5	54	754	11:29:35	20-Dec-2011
61	45.47	-0.5	54	754	11:34:35	20-Dec-2011
62	18.07	-0.5	55	754	11:39:35	20-Dec-2011
63	27.34	-0.5	55	754	11:44:35	20-Dec-2011
64	19.53	-0.5	56	754	11:49:35	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
65	13.2	-0.5	56	754	11:54:35	20-Dec-2011
66	5.73	-0.4	56	754	11:59:35	20-Dec-2011
67	5.38	-0.4	56	754	12:04:35	20-Dec-2011
68	9.55	-0.4	55	754	12:09:35	20-Dec-2011
69	5.52	-0.4	55	754	12:14:35	20-Dec-2011
70	10.13	-0.4	55	752	12:19:35	20-Dec-2011
71	10.13	-0.4	53	752	12:24:35	20-Dec-2011
72	5.64	-0.4	53	752	12:29:35	20-Dec-2011
73	5.72	-0.4	53	752	12:34:35	20-Dec-2011
74	8.31	-0.4	52	752	12:39:35	20-Dec-2011
75	6.54	-0.4	52	752	12:44:35	20-Dec-2011
76	33.68	-0.4	51	752	12:49:35	20-Dec-2011
77	11.63	-0.4	51	752	12:54:35	20-Dec-2011
78	16.08	-0.4	51	752	12:59:35	20-Dec-2011
79	19.3	-0.4	52	752	13:04:35	20-Dec-2011
80	7.12	-0.4	52	752	13:09:35	20-Dec-2011
81	6.43	-0.4	52	752	13:14:35	20-Dec-2011
82	8.68	-0.4	52	752	13:19:35	20-Dec-2011
83	11.47	-0.4	52	752	13:24:35	20-Dec-2011
84	5.92	-0.4	53	752	13:29:35	20-Dec-2011
85	6.7	-0.4	53	752	13:34:35	20-Dec-2011
86	7.71	-0.4	54	752	13:39:35	20-Dec-2011
87	12.35	-0.4	54	752	13:44:35	20-Dec-2011
88	11.91	-0.4	55	752	13:49:35	20-Dec-2011
89	6.25	-0.4	56	752	13:54:35	20-Dec-2011
90	8.11	-0.3	56	752	13:59:35	20-Dec-2011
91	40.8	-0.3	56	752	14:04:35	20-Dec-2011
92	20.72	-0.3	57	752	14:09:35	20-Dec-2011
93	59.43	-0.2	57	752	14:14:35	20-Dec-2011
94	15.34	-0.2	58	752	14:19:35	20-Dec-2011
95	45.53	-0.2	58	752	14:24:35	20-Dec-2011
96	34.54	-0.1	58	752	14:29:35	20-Dec-2011
97	10.77	-0.1	58	752	14:34:35	20-Dec-2011
98	7.1	0	59	750	14:39:35	20-Dec-2011
99	15.89	0	59	750	14:44:35	20-Dec-2011
100	8.77	0	59	750	14:49:35	20-Dec-2011
101	37.66	0	59	750	14:54:35	20-Dec-2011
102	42.05	0	59	750	14:59:35	20-Dec-2011
103	14.96	0	60	750	15:04:35	20-Dec-2011
104	31.05	0	60	752	15:09:35	20-Dec-2011
105	10.66	0	61	750	15:14:35	20-Dec-2011
106	43.04	0	61	750	15:19:35	20-Dec-2011
107	17.85	0	61	752	15:24:35	20-Dec-2011
108	8.33	0	62	752	15:29:35	20-Dec-2011
109	29.95	0	62	752	15:34:35	20-Dec-2011

ARKEMA PCB REMEDIATION PERIMETER AIR MONITORING RESULTS

Model Number **ADR-1500** Maximum Concentration 112.74 ug/m3
Serial no. **155248003** Max. concentration allowed 15,000 ug/m3
Unit Number **Unit #3**

Record	Concentration (ug/m3)	Temp (C)	RHumidity	Atmospheric Pressure	Time of Recording	Date
110	9.14	-0.1	63	750	15:39:35	20-Dec-2011
111	7.11	-0.1	63	750	15:44:35	20-Dec-2011
112	7.61	-0.1	63	750	15:49:35	20-Dec-2011
113	8.73	-0.1	63	750	15:54:35	20-Dec-2011
114	8.46	-0.1	64	750	15:59:35	20-Dec-2011
115	7.83	-0.1	64	750	16:04:35	20-Dec-2011
116	11.02	-0.1	63	750	16:09:35	20-Dec-2011
117	15.62	-0.1	63	750	16:14:35	20-Dec-2011
118	15.09	-0.2	63	750	16:19:35	20-Dec-2011
119	16.64	-0.2	63	750	16:24:35	20-Dec-2011
120	12.91	-0.2	63	750	16:29:35	20-Dec-2011
121	10.97	-0.2	63	750	16:34:35	20-Dec-2011
122	26.33	-0.2	63	750	16:39:35	20-Dec-2011
123	14.73	-0.3	63	750	16:44:35	20-Dec-2011
124	10.4	-0.3	63	750	16:49:35	20-Dec-2011
125	13.63	-0.3	64	750	16:54:35	20-Dec-2011
126	9.36	-0.3	64	750	16:59:35	20-Dec-2011
127	9.13	-0.4	64	750	17:04:35	20-Dec-2011
128	11.47	-0.4	64	750	17:09:35	20-Dec-2011
129	17.43	-0.4	64	750	17:14:35	20-Dec-2011
130	9.14	-0.5	65	750	17:19:35	20-Dec-2011

PID Perimeter Air Monitoring results

ARKEMA PCB REMEDIATION PERIMETER PHOTOIONIZATION DETECTOR(PID) MONITORING RESULTS

Lamp model 11.7eV

Maximum Concentration 0.3 mg/m3

Max. concentration allowed 25 mg/m3

	Station - 1 (ppm)		Station -2 (ppm)		Station -3 (ppm)		
Record	Downwind	Time	Downwind	Time	Upwind	Time	Date
1	0.0	8:15	0.0	8:19	0.0	8:28	12/8/2011
2	0.0	9:39	0.0	9:34	0.0	9:31	12/8/2011
3	0.0	10:38	0.0	10:34	0.0	10:29	12/8/2011
4	0.0	11:37	0.0	11:33	0.0	11:25	12/8/2011
5	0.0	12:40	0.0	12:35	0.0	12:26	12/8/2011
6	0.0	1:36	0.0	1:31	0.0	1:27	12/8/2011
7	0.0	2:42	0.0	2:45	0.0	2:48	12/8/2011
8	0.0	7:50	0.0	7:54	0.0	8:05	12/9/2011
9	0.0	9:09	0.0	9:06	0.0	9:02	12/9/2011
10	0.0	10:01	0.0	9:58	0.0	9:54	12/9/2011
11	0.0	11:21	0.0	11:18	0.0	11:13	12/9/2011
12	0.0	12:55	0.0	12:54	0.0	12:50	12/9/2011
13	0.0	2:20	0.0	2:22	0.0	2:26	12/9/2011
14	0.0	7:39	0.0	7:43	0.0	7:48	12/12/2011
15	0.0	8:37	0.0	8:34	0.0	8:29	12/12/2011
16	0.0	9:53	0.0	9:43	0.0	9:36	12/12/2011
17	0.0	11:05	0.0	11:02	0.0	10:56	12/12/2011
18	0.0	12:10	0.0	12:06	0.0	12:01	12/12/2011
19	0.0	1:12	0.0	1:09	0.0	12:59	12/12/2011
20	0.0	2:12	0.0	2:17	0.0	2:22	12/12/2011
21	0.0	3:31	0.0	3:34	0.0	3:27	12/12/2011
22	0.0	7:40	0.0	7:43	0.0	7:51	12/13/2011
23	0.0	8:56	0.0	8:54	0.0	8:50	12/13/2011
24	0.0	9:48	0.0	9:45	0.0	9:42	12/13/2011
25	0.0	10:43	0.0	10:40	0.0	10:32	12/13/2011
26	0.0	11:35	0.0	11:33	0.0	11:29	12/13/2011
27	0.0	12:38	0.0	12:36	0.0	12:31	12/13/2011
28	0.0	1:37	0.0	1:35	0.0	1:30	12/13/2011
29	unit down for the day	3:28	unit down for the day	3:32	unit down for the day	3:37	12/13/2011
30	0.0	7:45	0.0	7:49	0.0	7:50	12/14/2011
31	0.0	8:46	0.0	8:50	0.0	8:52	12/14/2011
32	0.0	9:44	0.0	9:47	0.0	9:49	12/14/2011
33	0.0	10:39	0.0	10:43	0.0	10:47	12/14/2011
34	0.0	11:49	0.0	11:53	0.0	11:57	12/14/2011
35	0.0	12:30	0.0	12:35	0.0	12:39	12/14/2011
36	0.0	2:24	0.0	2:28	0.0	2:30	12/14/2011
37	0.0	3:24	0.0	3:28	0.0	3:40	12/14/2011
38	0.0	6:35	0.0	6:38	0.0	6:42	12/15/2011
39	0.0	7:30	0.0	7:34	0.0	7:38	12/15/2011
40	0.0	8:30	0.0	8:32	0.0	8:35	12/15/2011
41	0.0	9:30	0.0	9:33	0.0	9:35	12/15/2011
42	0.0	10:10	0.0	10:12	0.0	10:16	12/15/2011
43	PID charging	10:53	PID charging	10:54	PID charging	10:57	12/15/2011
44	0.0	11:58	0.0	12:03	0.0	12:07	12/15/2011
PID and dust monitors shutdown for the remainder of the day due to rain							12/15/2011
45	0.0	6:56	0.0	7:02	0.0	7:05	12/16/2011
46	0.0	8:00	0.0	8:03	0.0	8:00	12/16/2011
47	0.0	9:23	0.0	9:21	0.0	9:16	12/16/2011
48	0.1	10:13	0.3	10:18	0.0	10:24	12/16/2011
49	0.0	11:32	0.0	11:28	0.0	11:22	12/16/2011
50	PID lost charge	12:45	PID lost charge	12:39	PID lost charge	12:35	12/16/2011
51	0.0	1:50	0.0	1:48	0.0	1:43	12/16/2011
52	0.0	2:56	0.0	2:54	0.0	2:50	12/16/2011
53	0.0	4:10	0.0	4:13	0.0	4:06	12/16/2011
54	0.0	6:58	0.0	7:06	0.0	7:03	12/19/2011
55	0.0	7:55	0.1	7:57	0.0	8:09	12/19/2011
56	0.2	9:11	0.1	9:07	0.2	9:01	12/19/2011
57	0.1	10:15	0.0	10:09	0.0	10:01	12/19/2011
58	0.2	11:11	0.1	11:05	0.2	10:59	12/19/2011
59	0.1	12:31	0.1	12:25	0.1	12:17	12/19/2011
60	0.1	1:34	0.1	1:28	0.1	1:25	12/19/2011
61	0.0	2:33	0.0	2:27	0.0	2:23	12/19/2011
62	0.0	3:45	0.0	3:41	0.0	3:37	12/19/2011
63	0.1	6:54	0.1	6:38	0.1	6:41	12/20/2011
64	0.1	8:04	0.1	7:56	0.0	7:58	12/20/2011
65	0.1	9:34	0.0	9:26	0.0	9:30	12/20/2011
66	0.1	10:45	0.0	10:32	0.0	10:38	12/20/2011
67	0.1	11:53	0.0	11:45	0.0	11:48	12/20/2011
68	0.0	1:31	0.0	1:18	0.0	1:20	12/20/2011
69	0.0	2:39	0.0	2:34	0.0	2:35	12/20/2011
Heavy Fog and Rain no PID readings clollected on this day							12/21/2011

APPENDIX D

DEMOLITION DEBRIS CHARACTERIZATION RESULTS

November 30, 2011

CRA - Plymouth, Michigan
Attn: Paul Wiseman
14496 Sheldon Road, Suite #200
Plymouth, MI 48170

Project: West Plant Concrete & Polyurea Sampling

Dear Paul Wiseman,

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

Work Order	Received	Description
1111341	11/16/2011	032427-10

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

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

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

Sincerely,

Gary L. Wood
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE ♦ Grand Rapids, MI 49512 ♦ 616.975.4500 ♦ Fax 616.942.7463 ♦ www.trimatrixlabs.com

TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-001**	Sampled:	11/15/11 08:50
Lab Sample ID:	**1111341-01**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/kg	Prepared:	11/18/11 By: BJH
Dilution Factor:	1	Analyzed:	11/23/11 By: MSZ
QC Batch:	1113163	Analytical Batch:	1K28057

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	<0.33	0.33	
11096-82-5	PCB-1260	<0.33	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	67	*48-136*
Tetrachloro-m-xylene	65	*61-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-001**	Sampled:	11/15/11 08:50
Lab Sample ID:	**1111341-01**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	11/23/11 13:55	KLV	1113151
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	11/23/11 13:55	KLV	1113151
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	11/23/11 13:55	KLV	1113151
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	11/23/11 13:55	KLV	1113151
*Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	11/23/11 13:55	KLV	1113151
*Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	11/23/11 12:22	DSC	1113313
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	11/23/11 13:55	KLV	1113151
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	11/23/11 13:55	KLV	1113151

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-001**	Sampled:	11/15/11 08:50
Lab Sample ID:	**1111341-01**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: ALK
Dilution Factor:	1	Analyzed:	11/23/11 By: ASC
QC Batch:	1113204	Analytical Batch:	1K28053

TCLP Organochlorine Pesticides by EPA Method 1311/8081A

CAS Number	Analyte	Analytical Result	RL	Action Limit
*58-89-9	gamma-BHC (Lindane)	<0.0050	0.0050	0.4
*72-20-8	Endrin	<0.0050	0.0050	0.02
*76-44-8	Heptachlor	<0.0050	0.0050	0.008
*1024-57-3	Heptachlor Epoxide	<0.0050	0.0050	0.008
*72-43-5	Methoxychlor	<0.0050	0.0050	10
57-74-9	Technical Chlordane	<0.025	0.025	0.03
8001-35-2	Toxaphene	<0.062	0.062	0.5

Surrogates:	***% Recovery***	***Control Limits***
Tetrachloro-m-xylene	81	*48-120*
Decachlorobiphenyl	84	*15-128*

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-001**	Sampled:	11/15/11 08:50
Lab Sample ID:	**1111341-01**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/21/11 By: ALK
Dilution Factor:	1	Analyzed:	11/29/11 By: MANAC
QC Batch:	1113231	Analytical Batch:	1K29043

TCLP Chlorinated Herbicides by EPA Method 1311/8151A

CAS Number	Analyte	Analytical Result	RL	Action Limit
94-75-7	2,4-D	<0.62	0.62	10
93-72-1	2,4,5-TP (Silvex)	<0.062	0.062	1

Surrogates:	*% Recovery*	*Control Limits*
2,4-Dichlorophenylacetic Acid	123	*33-153*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-001**	Sampled:	11/15/11 08:50
Lab Sample ID:	**1111341-01**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: LEW
Dilution Factor:	100	Analyzed:	11/19/11 By: LEW
QC Batch:	1113354	Analytical Batch:	1K22026

TCLP Volatile Organics by EPA Method 1311/8260B

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

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	98	*79-124*
1,2-Dichloroethane-d4	104	*75-128*
Toluene-d8	97	*87-113*
4-Bromofluorobenzene	100	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-001**	Sampled:	11/15/11 08:50
Lab Sample ID:	**1111341-01**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: ALK
Dilution Factor:	1	Analyzed:	11/22/11 By: JLB
QC Batch:	1113161	Analytical Batch:	1K25006

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
*106-46-7	1,4-Dichlorobenzene	<0.0050	0.0050	7.5
121-14-2	2,4-Dinitrotoluene	<0.0050	0.0050	0.13
118-74-1	Hexachlorobenzene	<0.0050	0.0050	0.13
*87-68-3	Hexachlorobutadiene	<0.0050	0.0050	0.5
67-72-1	Hexachloroethane	<0.0050	0.0050	3
98-95-3	Nitrobenzene	<0.0050	0.0050	2
*110-86-1	Pyridine	<0.050	0.050	5
*87-86-5	Pentachlorophenol	<0.0050	0.0050	100
88-06-2	2,4,6-Trichlorophenol	<0.0050	0.0050	2
95-95-4	2,4,5-Trichlorophenol	<0.0050	0.0050	400
95-48-7	2-Methylphenol	<0.0050	0.0050	200
108-39-4	3+4-Methylphenol	<0.0050	0.0050	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	49	*20-121*
* *Phenol-d6*	31	*10-105*
Nitrobenzene-d5	107	*38-141*
2-Fluorobiphenyl	104	*41-132*
2,4,6-Tribromophenol	107	*20-142*
o-Terphenyl	122	*39-148*

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-002**	Sampled:	11/15/11 08:57
Lab Sample ID:	**1111341-02**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/kg	Prepared:	11/18/11 By: BJH
Dilution Factor:	4	Analyzed:	11/24/11 By: MSZ
QC Batch:	1113163	Analytical Batch:	1K28066

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	**1.2**	0.33	
11096-82-5	PCB-1260	**0.52**	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	106	*48-136*
Tetrachloro-m-xylene	93	*61-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-002**	Sampled:	11/15/11 08:57
Lab Sample ID:	**1111341-02**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	11/23/11 14:17	KLV	1113151
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	11/23/11 14:17	KLV	1113151
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	11/23/11 14:17	KLV	1113151
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	11/23/11 14:17	KLV	1113151
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	11/23/11 14:17	KLV	1113151
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	11/23/11 12:38	DSC	1113313
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	11/23/11 14:17	KLV	1113151
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	11/23/11 14:17	KLV	1113151

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-002**	Sampled:	11/15/11 08:57
Lab Sample ID:	**1111341-02**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: ALK
Dilution Factor:	1	Analyzed:	11/23/11 By: ASC
QC Batch:	1113204	Analytical Batch:	1K28053

TCLP Organochlorine Pesticides by EPA Method 1311/8081A

CAS Number	Analyte	Analytical Result	RL	Action Limit
58-89-9	gamma-BHC (Lindane)	<0.0050	0.0050	0.4
72-20-8	Endrin	<0.0050	0.0050	0.02
76-44-8	Heptachlor	<0.0050	0.0050	0.008
1024-57-3	Heptachlor Epoxide	<0.0050	0.0050	0.008
72-43-5	Methoxychlor	<0.0050	0.0050	10
57-74-9	Technical Chlordane	<0.025	0.025	0.03
8001-35-2	Toxaphene	<0.062	0.062	0.5

Surrogates:	***% Recovery***	***Control Limits***
Tetrachloro-m-xylene	75	*48-120*
Decachlorobiphenyl	77	*15-128*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-002**	Sampled:	11/15/11 08:57
Lab Sample ID:	**1111341-02**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/21/11 By: ALK
Dilution Factor:	1	Analyzed:	11/29/11 By: MANAC
QC Batch:	1113231	Analytical Batch:	1K29043

TCLP Chlorinated Herbicides by EPA Method 1311/8151A

CAS Number	Analyte	Analytical Result	RL	Action Limit
94-75-7	2,4-D	<0.62	0.62	10
93-72-1	2,4,5-TP (Silvex)	<0.062	0.062	1

Surrogates:	*% Recovery*	*Control Limits*
2,4-Dichlorophenylacetic Acid	100	*33-153*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-002**	Sampled:	11/15/11 08:57
Lab Sample ID:	**1111341-02**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: LEW
Dilution Factor:	100	Analyzed:	11/19/11 By: LEW
QC Batch:	1113354	Analytical Batch:	1K22026

TCLP Volatile Organics by EPA Method 1311/8260B

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

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	98	*79-124*
1,2-Dichloroethane-d4	103	*75-128*
Toluene-d8	95	*87-113*
4-Bromofluorobenzene	94	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-002**	Sampled:	11/15/11 08:57
Lab Sample ID:	**1111341-02**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: ALK
Dilution Factor:	1	Analyzed:	11/22/11 By: JLB
QC Batch:	1113161	Analytical Batch:	1K25006

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
*106-46-7	1,4-Dichlorobenzene	<0.0050	0.0050	7.5
121-14-2	2,4-Dinitrotoluene	<0.0050	0.0050	0.13
118-74-1	Hexachlorobenzene	<0.0050	0.0050	0.13
*87-68-3	Hexachlorobutadiene	<0.0050	0.0050	0.5
67-72-1	Hexachloroethane	<0.0050	0.0050	3
98-95-3	Nitrobenzene	<0.0050	0.0050	2
*110-86-1	Pyridine	<0.050	0.050	5
*87-86-5	Pentachlorophenol	<0.0050	0.0050	100
88-06-2	2,4,6-Trichlorophenol	<0.0050	0.0050	2
95-95-4	2,4,5-Trichlorophenol	<0.0050	0.0050	400
95-48-7	2-Methylphenol	<0.0050	0.0050	200
108-39-4	3+4-Methylphenol	<0.0050	0.0050	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	48	*20-121*
Phenol-d6	32	*10-105*
Nitrobenzene-d5	107	*38-141*
2-Fluorobiphenyl	108	*41-132*
2,4,6-Tribromophenol	94	*20-142*
o-Terphenyl	126	*39-148*

*See Statement of Data Qualifications

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-003**	Sampled:	11/15/11 09:15
Lab Sample ID:	**1111341-03**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/kg	Prepared:	11/18/11 By: BJH
Dilution Factor:	1	Analyzed:	11/23/11 By: MSZ
QC Batch:	1113163	Analytical Batch:	1K28066

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.31	0.31	
11104-28-2	PCB-1221	<0.31	0.31	
11141-16-5	PCB-1232	<0.31	0.31	
53469-21-9	PCB-1242	<0.31	0.31	
12672-29-6	PCB-1248	<0.31	0.31	
11097-69-1	PCB-1254	<0.31	0.31	
11096-82-5	PCB-1260	<0.31	0.31	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	94	*48-136*
Tetrachloro-m-xylene	90	*61-123*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-003**	Sampled:	11/15/11 09:15
Lab Sample ID:	**1111341-03**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	11/23/11 14:21	KLV	1113151
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	11/23/11 14:21	KLV	1113151
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	11/23/11 14:21	KLV	1113151
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	11/23/11 14:21	KLV	1113151
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	11/23/11 14:21	KLV	1113151
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	11/23/11 12:43	DSC	1113313
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	11/23/11 14:21	KLV	1113151
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	11/23/11 14:21	KLV	1113151

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-003**	Sampled:	11/15/11 09:15
Lab Sample ID:	**1111341-03**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: ALK
Dilution Factor:	1	Analyzed:	11/23/11 By: ASC
QC Batch:	1113204	Analytical Batch:	1K28053

TCLP Organochlorine Pesticides by EPA Method 1311/8081A

CAS Number	Analyte	Analytical Result	RL	Action Limit
58-89-9	gamma-BHC (Lindane)	<0.0050	0.0050	0.4
72-20-8	Endrin	<0.0050	0.0050	0.02
76-44-8	Heptachlor	<0.0050	0.0050	0.008
1024-57-3	Heptachlor Epoxide	<0.0050	0.0050	0.008
72-43-5	Methoxychlor	<0.0050	0.0050	10
57-74-9	Technical Chlordane	<0.025	0.025	0.03
8001-35-2	Toxaphene	<0.062	0.062	0.5

Surrogates:	***% Recovery***	***Control Limits***
Tetrachloro-m-xylene	76	*48-120*
Decachlorobiphenyl	74	*15-128*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-003**	Sampled:	11/15/11 09:15
Lab Sample ID:	**1111341-03**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/21/11 By: ALK
Dilution Factor:	1	Analyzed:	11/29/11 By: MANAC
QC Batch:	1113231	Analytical Batch:	1K29043

TCLP Chlorinated Herbicides by EPA Method 1311/8151A

CAS Number	Analyte	Analytical Result	RL	Action Limit
94-75-7	2,4-D	<0.62	0.62	10
93-72-1	2,4,5-TP (Silvex)	<0.062	0.062	1

Surrogates:	*% Recovery*	*Control Limits*
2,4-Dichlorophenylacetic Acid	102	*33-153*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-003**	Sampled:	11/15/11 09:15
Lab Sample ID:	**1111341-03**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: LEW
Dilution Factor:	100	Analyzed:	11/19/11 By: LEW
QC Batch:	1113354	Analytical Batch:	1K22026

TCLP Volatile Organics by EPA Method 1311/8260B

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

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	99	*79-124*
1,2-Dichloroethane-d4	107	*75-128*
Toluene-d8	96	*87-113*
4-Bromofluorobenzene	96	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**CC-32427-111511-JV-003**	Sampled:	11/15/11 09:15
Lab Sample ID:	**1111341-03**	Sampled By:	J.V.
Matrix:	Concrete	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: ALK
Dilution Factor:	1	Analyzed:	11/22/11 By: JLB
QC Batch:	1113161	Analytical Batch:	1K25006

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
*106-46-7	1,4-Dichlorobenzene	<0.0050	0.0050	7.5
121-14-2	2,4-Dinitrotoluene	<0.0050	0.0050	0.13
118-74-1	Hexachlorobenzene	<0.0050	0.0050	0.13
*87-68-3	Hexachlorobutadiene	<0.0050	0.0050	0.5
67-72-1	Hexachloroethane	<0.0050	0.0050	3
98-95-3	Nitrobenzene	<0.0050	0.0050	2
*110-86-1	Pyridine	<0.050	0.050	5
*87-86-5	Pentachlorophenol	<0.0050	0.0050	100
88-06-2	2,4,6-Trichlorophenol	<0.0050	0.0050	2
95-95-4	2,4,5-Trichlorophenol	<0.0050	0.0050	400
95-48-7	2-Methylphenol	<0.0050	0.0050	200
108-39-4	3+4-Methylphenol	<0.0050	0.0050	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	63	*20-121*
* *Phenol-d6*	37	*10-105*
Nitrobenzene-d5	105	*38-141*
2-Fluorobiphenyl	108	*41-132*
2,4,6-Tribromophenol	124	*20-142*
o-Terphenyl	125	*39-148*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**ST-32427-111511-JV-004**	Sampled:	11/15/11 08:45
Lab Sample ID:	**1111341-04**	Sampled By:	J.V.
Matrix:	Waste	Received:	11/16/11 09:00
Unit:	mg/kg	Prepared:	11/18/11 By: BJH
Dilution Factor:	2	Analyzed:	11/24/11 By: MSZ
QC Batch:	1113163	Analytical Batch:	1K28066

*Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	Action Limit
12674-11-2	PCB-1016	<0.33	0.33	
11104-28-2	PCB-1221	<0.33	0.33	
11141-16-5	PCB-1232	<0.33	0.33	
53469-21-9	PCB-1242	<0.33	0.33	
12672-29-6	PCB-1248	<0.33	0.33	
11097-69-1	PCB-1254	**0.51**	0.33	
11096-82-5	PCB-1260	<0.33	0.33	

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	64	*11-148*
Tetrachloro-m-xylene	45	*22-169*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**ST-32427-111511-JV-004**	Sampled:	11/15/11 08:45
Lab Sample ID:	**1111341-04**	Sampled By:	J.V.
Matrix:	Waste	Received:	11/16/11 09:00

TCLP Metals by EPA 1311/6000/7000 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Arsenic	<0.50	0.50	5	mg/L	1	USEPA-6010C	11/23/11 14:34	KLV	1113151
Barium	<0.35	0.35	100	mg/L	1	USEPA-6010C	11/23/11 14:34	KLV	1113151
Cadmium	<0.050	0.050	1	mg/L	1	USEPA-6010C	11/23/11 14:34	KLV	1113151
Chromium	<0.25	0.25	5	mg/L	1	USEPA-6010C	11/23/11 14:34	KLV	1113151
Lead	<0.25	0.25	5	mg/L	1	USEPA-6010C	11/23/11 14:34	KLV	1113151
Mercury	<0.00020	0.00020	0.2	mg/L	1	USEPA-7470A	11/23/11 12:48	DSC	1113313
Selenium	<0.20	0.20	1	mg/L	1	USEPA-6010C	11/23/11 14:34	KLV	1113151
Silver	<0.050	0.050	5	mg/L	1	USEPA-6010C	11/23/11 14:34	KLV	1113151

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**ST-32427-111511-JV-004**	Sampled:	11/15/11 08:45
Lab Sample ID:	**1111341-04**	Sampled By:	J.V.
Matrix:	Waste	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: ALK
Dilution Factor:	1	Analyzed:	11/23/11 By: ASC
QC Batch:	1113204	Analytical Batch:	1K28053

TCLP Organochlorine Pesticides by EPA Method 1311/8081A

CAS Number	Analyte	Analytical Result	RL	Action Limit
58-89-9	gamma-BHC (Lindane)	<0.0050	0.0050	0.4
72-20-8	Endrin	<0.0050	0.0050	0.02
76-44-8	Heptachlor	<0.0050	0.0050	0.008
1024-57-3	Heptachlor Epoxide	<0.0050	0.0050	0.008
72-43-5	Methoxychlor	<0.0050	0.0050	10
57-74-9	Technical Chlordane	<0.025	0.025	0.03
8001-35-2	Toxaphene	<0.062	0.062	0.5

Surrogates:	***% Recovery***	***Control Limits***
Tetrachloro-m-xylene	81	*48-120*
Decachlorobiphenyl	81	*15-128*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**ST-32427-111511-JV-004**	Sampled:	11/15/11 08:45
Lab Sample ID:	**1111341-04**	Sampled By:	J.V.
Matrix:	Waste	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/21/11 By: ALK
Dilution Factor:	1	Analyzed:	11/29/11 By: MANAC
QC Batch:	1113231	Analytical Batch:	1K29043

TCLP Chlorinated Herbicides by EPA Method 1311/8151A

CAS Number	Analyte	Analytical Result	RL	Action Limit
94-75-7	2,4-D	<0.62	0.62	10
93-72-1	2,4,5-TP (Silvex)	<0.062	0.062	1

Surrogates:	*% Recovery*	*Control Limits*
2,4-Dichlorophenylacetic Acid	115	*33-153*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**ST-32427-111511-JV-004**	Sampled:	11/15/11 08:45
Lab Sample ID:	**1111341-04**	Sampled By:	J.V.
Matrix:	Waste	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: LEW
Dilution Factor:	100	Analyzed:	11/19/11 By: LEW
QC Batch:	1113354	Analytical Batch:	1K22026

TCLP Volatile Organics by EPA Method 1311/8260B

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

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	101	*79-124*
1,2-Dichloroethane-d4	103	*75-128*
Toluene-d8	94	*87-113*
4-Bromofluorobenzene	99	*70-121*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**CRA - Plymouth, Michigan**	Work Order:	**1111341**
Project:	West Plant Concrete & Polyurea Sampling	Description:	032427-10
Client Sample ID:	**ST-32427-111511-JV-004**	Sampled:	11/15/11 08:45
Lab Sample ID:	**1111341-04**	Sampled By:	J.V.
Matrix:	Waste	Received:	11/16/11 09:00
Unit:	mg/L	Prepared:	11/18/11 By: ALK
Dilution Factor:	1	Analyzed:	11/22/11 By: JLB
QC Batch:	1113161	Analytical Batch:	1K25006

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

CAS Number	Analyte	Analytical Result	RL	Action Limit
*106-46-7	1,4-Dichlorobenzene	<0.0050	0.0050	7.5
121-14-2	2,4-Dinitrotoluene	<0.0050	0.0050	0.13
118-74-1	Hexachlorobenzene	<0.0050	0.0050	0.13
*87-68-3	Hexachlorobutadiene	<0.0050	0.0050	0.5
67-72-1	Hexachloroethane	<0.0050	0.0050	3
98-95-3	Nitrobenzene	<0.0050	0.0050	2
*110-86-1	Pyridine	<0.050	0.050	5
*87-86-5	Pentachlorophenol	<0.0050	0.0050	100
88-06-2	2,4,6-Trichlorophenol	<0.0050	0.0050	2
95-95-4	2,4,5-Trichlorophenol	<0.0050	0.0050	400
95-48-7	2-Methylphenol	<0.0050	0.0050	200
108-39-4	3+4-Methylphenol	<0.0050	0.0050	200

Surrogates:	***% Recovery***	***Control Limits***
2-Fluorophenol	56	*20-121*
Phenol-d6	38	*10-105*
Nitrobenzene-d5	106	*38-141*
2-Fluorobiphenyl	106	*41-132*
2,4,6-Tribromophenol	109	*20-142*
o-Terphenyl	127	*39-148*

*See Statement of Data Qualifications

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113163 3545 PFE Extraction/USEPA-8082								
Method Blank					Analyzed:	11/23/2011	By: MSZ	
Unit: mg/kg					Analytical Batch:	1K28057		
PCB-1016			<0.33					0.33
PCB-1016			<0.33					0.33
PCB-1221			<0.33					0.33
PCB-1221			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1232			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1242			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1248			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1254			<0.33					0.33
PCB-1260			<0.33					0.33
PCB-1260			<0.33					0.33
Surrogates:								
Decachlorobiphenyl				*76*	*11-148*			
Decachlorobiphenyl				*76*	*48-136*			
Tetrachloro-m-xylene				*64*	*61-123*			
Tetrachloro-m-xylene				*64*	*22-169*			
Laboratory Control Sample					Analyzed:	11/23/2011	By: MSZ	
Unit: mg/kg					Analytical Batch:	1K28057		
PCB-1248		0.333	**0.353**	106	55-139	--		0.33
PCB-1248		0.333	**0.353**	106	50-150	--		0.33
Surrogates:								
Decachlorobiphenyl				*107*	*48-136*			
Decachlorobiphenyl				*107*	*11-148*			
Tetrachloro-m-xylene				*86*	*61-123*			
Tetrachloro-m-xylene				*86*	*22-169*			
Matrix Spike 1111341-01 CC-32427-111511-JV-001					Analyzed:	11/23/2011	By: MSZ	
Unit: mg/kg					Analytical Batch:	1K28057		
PCB-1248	<0.33	0.325	**0.388**	119	42-168	--		0.33
PCB-1248	<0.33	0.325	**0.388**	119	50-150	--		0.33
Surrogates:								
Decachlorobiphenyl				*99*	*48-136*			

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082 (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113163 (Continued) 3545 PFE Extraction/USEPA-8082								
Matrix Spike (Continued) 1111341-01 CC-32427-111511-JV-001					Analyzed:	11/23/2011	By: MSZ	
Unit: mg/kg					Analytical Batch:	1K28057		
Surrogates (Continued):								
Decachlorobiphenyl				*99*	*11-148*			
Tetrachloro-m-xylene				*84*	*22-169*			
Tetrachloro-m-xylene				*84*	*61-123*			
Matrix Spike Duplicate 1111341-01 CC-32427-111511-JV-001					Analyzed:	11/23/2011	By: MSZ	
Unit: mg/kg					Analytical Batch:	1K28057		
PCB-1248	<0.30	0.307	**0.403**	131	42-168	4	30	0.30
PCB-1248	<0.30	0.307	**0.403**	131	50-150	4	20	0.30
Surrogates:								
Decachlorobiphenyl				*107*	*48-136*			
Decachlorobiphenyl				*107*	*11-148*			
Tetrachloro-m-xylene				*89*	*61-123*			
Tetrachloro-m-xylene				*89*	*22-169*			

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QUALITY CONTROL REPORT

TCLP Organochlorine Pesticides by EPA Method 1311/8081A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113204 3510C TCLP Liquid-Liquid Ext./USEPA-8081B								
Method Blank					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28051		
gamma-BHC (Lindane)			<0.0050			--		0.0050
gamma-BHC (Lindane)			<0.0050			--		0.0050
Endrin			<0.0050					0.0050
Endrin			<0.0050					0.0050
Heptachlor			<0.0050					0.0050
Heptachlor			<0.0050					0.0050
Heptachlor Epoxide			<0.0050					0.0050
Heptachlor Epoxide			<0.0050					0.0050
Methoxychlor			<0.0050					0.0050
Methoxychlor			<0.0050					0.0050
Technical Chlordane			<0.025					0.025
Technical Chlordane			<0.025					0.025
Toxaphene			<0.062					0.062
Toxaphene			<0.062					0.062
Surrogates:								
Tetrachloro-m-xylene				*73*	*48-120*			
Tetrachloro-m-xylene				*78*	*29-137*			
Decachlorobiphenyl				*76*	*15-128*			
Decachlorobiphenyl				*75*	*30-134*			
Laboratory Control Sample					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28051		
gamma-BHC (Lindane)	0.0400		**0.0320**	80	67-120	--		0.0050
gamma-BHC (Lindane)	0.0400		**0.0320**	80	67-120	--		0.0050
Endrin	0.0400		**0.0305**	76	64-129	--		0.0050
Endrin	0.0400		**0.0313**	78	64-129	--		0.0050
Heptachlor	0.0400		**0.0313**	78	61-116	--		0.0050
Heptachlor	0.0400		**0.0324**	81	61-116	--		0.0050
Heptachlor Epoxide	0.0400		**0.0315**	79	68-117	--		0.0050
Heptachlor Epoxide	0.0400		**0.0323**	81	68-117	--		0.0050
Methoxychlor	0.0400		**0.0303**	76	71-131	--		0.0050
Methoxychlor	0.0400		**0.0354**	88	71-131	--		0.0050
Surrogates:								
Tetrachloro-m-xylene				*64*	*48-120*			
Tetrachloro-m-xylene				*68*	*29-137*			
Decachlorobiphenyl				*64*	*15-128*			

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QUALITY CONTROL REPORT

TCLP Organochlorine Pesticides by EPA Method 1311/8081A (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113204 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8081B								
Laboratory Control Sample (Continued)					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28051		
Surrogates (Continued):								
Decachlorobiphenyl				*66*	*30-134*			
Laboratory Control Sample					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28053		
Toxaphene		1.00	**0.649**	65	59-145	--		0.062
Toxaphene		1.00	**0.761**	76	59-145	--		0.062
Surrogates:								
Tetrachloro-m-xylene				*87*	*48-120*			
Tetrachloro-m-xylene				*80*	*29-137*			
Decachlorobiphenyl				*86*	*15-128*			
Decachlorobiphenyl				*84*	*30-134*			
Laboratory Control Sample					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28053		
Technical Chlordane		0.100	**0.0946**	95	11-175	--		0.025
Technical Chlordane		0.100	**0.0899**	90	54-135	--		0.025
Surrogates:								
Tetrachloro-m-xylene				*89*	*48-120*			
Tetrachloro-m-xylene				*82*	*29-137*			
Decachlorobiphenyl				*92*	*15-128*			
Decachlorobiphenyl				*89*	*30-134*			
Laboratory Control Sample Duplicate					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28053		
Toxaphene		1.00	**0.650**	65	59-145	0.1	20	0.062
Toxaphene		1.00	**0.750**	75	59-145	1	20	0.062
Surrogates:								
Tetrachloro-m-xylene				*87*	*48-120*			
Tetrachloro-m-xylene				*78*	*29-137*			
Decachlorobiphenyl				*87*	*15-128*			
Decachlorobiphenyl				*83*	*30-134*			
Laboratory Control Sample Duplicate					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28053		
Technical Chlordane		0.100	**0.0858**	86	11-175	10	20	0.025
Technical Chlordane		0.100	**0.0829**	83	54-135	8	20	0.025

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QUALITY CONTROL REPORT

TCLP Organochlorine Pesticides by EPA Method 1311/8081A (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113204 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8081B								
Laboratory Control Sample Duplicate (Continued)					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28053		
Surrogates:								
Tetrachloro-m-xylene				*80*	*48-120*			
Tetrachloro-m-xylene				*74*	*29-137*			
Decachlorobiphenyl				*76*	*15-128*			
Decachlorobiphenyl				*77*	*30-134*			
Matrix Spike 1111341-01 CC-32427-111511-JV-001					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28053		
gamma-BHC (Lindane)	<0.0050	0.0400	**0.0257**	**64**	73-113	--		0.0050
gamma-BHC (Lindane)	<0.0050	0.0400	**0.0248**	**62**	73-113	--		0.0050
Endrin	<0.0050	0.0400	**0.0239**	**60**	73-117	--		0.0050
Endrin	<0.0050	0.0400	**0.0245**	**61**	73-117	--		0.0050
Heptachlor	<0.0050	0.0400	**0.0251**	63	43-123	--		0.0050
Heptachlor	<0.0050	0.0400	**0.0266**	66	43-123	--		0.0050
Heptachlor Epoxide	<0.0050	0.0400	**0.0251**	**63**	70-109	--		0.0050
Heptachlor Epoxide	<0.0050	0.0400	**0.0254**	**64**	70-109	--		0.0050
Methoxychlor	<0.0050	0.0400	**0.0234**	**58**	67-128	--		0.0050
Methoxychlor	<0.0050	0.0400	**0.0242**	**60**	67-128	--		0.0050
Surrogates:								
Tetrachloro-m-xylene				*52*	*48-120*			
Tetrachloro-m-xylene				*53*	*29-137*			
Decachlorobiphenyl				*51*	*15-128*			
Decachlorobiphenyl				*52*	*30-134*			
Matrix Spike Duplicate 1111341-01 CC-32427-111511-JV-001					Analyzed:	11/23/2011	By: ASC	
Unit: mg/L					Analytical Batch:	1K28053		
gamma-BHC (Lindane)	<0.0050	0.0400	**0.0361**	90	73-113	**34**	30	0.0050
gamma-BHC (Lindane)	<0.0050	0.0400	**0.0338**	84	73-113	**31**	30	0.0050
Endrin	<0.0050	0.0400	**0.0365**	91	73-117	**42**	30	0.0050
Endrin	<0.0050	0.0400	**0.0355**	89	73-117	**37**	30	0.0050
Heptachlor	<0.0050	0.0400	**0.0352**	88	43-123	**33**	30	0.0050
Heptachlor	<0.0050	0.0400	**0.0364**	91	43-123	**31**	30	0.0050
Heptachlor Epoxide	<0.0050	0.0400	**0.0357**	89	70-109	**35**	30	0.0050
Heptachlor Epoxide	<0.0050	0.0400	**0.0351**	88	70-109	**32**	30	0.0050
Methoxychlor	<0.0050	0.0400	**0.0360**	90	67-128	**42**	30	0.0050
Methoxychlor	<0.0050	0.0400	**0.0375**	94	67-128	**43**	30	0.0050

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QUALITY CONTROL REPORT

TCLP Organochlorine Pesticides by EPA Method 1311/8081A (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1113204 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8081B

Matrix Spike Duplicate (Continued) 1111341-01 CC-32427-111511-JV-001 Analyzed: 11/23/2011 By: ASC

Unit: mg/L Analytical Batch: 1K28053

Surrogates:

Tetrachloro-m-xylene	*76*	*48-120*
Tetrachloro-m-xylene	*74*	*29-137*
Decachlorobiphenyl	*77*	*15-128*
Decachlorobiphenyl	*77*	*30-134*

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QUALITY CONTROL REPORT

TCLP Chlorinated Herbicides by EPA Method 1311/8151A

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113231 8151A TCLP Liq/Liq Ext./USEPA-8151A								
Method Blank					Analyzed:	11/29/2011	By: MANAG	
Unit: mg/L					Analytical Batch:	1K29043		
2,4-D			<0.62			--		0.62
2,4-D			<0.62			--		0.62
2,4,5-TP (Silvex)			<0.062					0.062
2,4,5-TP (Silvex)			<0.062			--		0.062
Surrogates:								
2,4-Dichlorophenylacetic Acid				*97*	*33-153*			
2,4-Dichlorophenylacetic Acid				*89*	*33-153*			
Laboratory Control Sample					Analyzed:	11/29/2011	By: MANAG	
Unit: mg/L					Analytical Batch:	1K29043		
2,4-D		4.99	**4.08**	82	66-148	--		0.62
2,4-D		4.99	**3.95**	79	66-148	--		0.62
2,4,5-TP (Silvex)		0.520	**0.485**	93	50-152	--		0.062
2,4,5-TP (Silvex)		0.520	**0.472**	91	50-152	--		0.062
Surrogates:								
2,4-Dichlorophenylacetic Acid				*106*	*33-153*			
2,4-Dichlorophenylacetic Acid				*101*	*33-153*			
Matrix Spike 1111341-01 CC-32427-111511-JV-001					Analyzed:	11/29/2011	By: MANAG	
Unit: mg/L					Analytical Batch:	1K29043		
2,4-D	<0.62	4.99	**4.48**	90	29-173	--		0.62
2,4-D	<0.62	4.99	**4.22**	85	29-173	--		0.62
2,4,5-TP (Silvex)	<0.062	0.520	**0.523**	101	25-152	--		0.062
2,4,5-TP (Silvex)	<0.062	0.520	**0.495**	95	25-152	--		0.062
Surrogates:								
2,4-Dichlorophenylacetic Acid				*109*	*33-153*			
2,4-Dichlorophenylacetic Acid				*105*	*33-153*			
Matrix Spike Duplicate 1111341-01 CC-32427-111511-JV-001					Analyzed:	11/29/2011	By: MANAG	
Unit: mg/L					Analytical Batch:	1K29043		
2,4-D	<0.62	4.99	**4.82**	97	29-173	7	20	0.62
2,4-D	<0.62	4.99	**4.44**	89	29-173	5	20	0.62
2,4,5-TP (Silvex)	<0.062	0.520	**0.559**	108	25-152	7	20	0.062
2,4,5-TP (Silvex)	<0.062	0.520	**0.519**	100	25-152	5	20	0.062
Surrogates:								
2,4-Dichlorophenylacetic Acid				*119*	*33-153*			

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QUALITY CONTROL REPORT

TCLP Chlorinated Herbicides by EPA Method 1311/8151A (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1113231 (Continued) 8151A TCLP Liq/Liq Ext./USEPA-8151A

Matrix Spike Duplicate (Continued) 1111341-01 CC-32427-111511-JV-001 Analyzed: 11/29/2011 By: MANAG

Unit: mg/L Analytical Batch: 1K29043

Surrogates (Continued):

2,4-Dichlorophenylacetic Acid		*107*	*33-153*

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113354 5030B MS TCLP/USEPA-8260B								
Method Blank					Analyzed:	11/18/2011	By: LEW	
Unit: mg/L					Analytical Batch:	1K22026		
Benzene			<0.10					0.10
Carbon Tetrachloride			<0.10					0.10
Chlorobenzene			<0.10					0.10
Chloroform			<0.10					0.10
1,2-Dichloroethane			<0.10					0.10
1,1-Dichloroethene			<0.10					0.10
2-Butanone (MEK)			<5.0			--		5.0
Tetrachloroethene			<0.10					0.10
Trichloroethene			<0.10					0.10
Vinyl Chloride			<0.10					0.10
Method Blank					Analyzed:	11/18/2011	By: LEW	
Unit: ug/L					Analytical Batch:	1K22026		
Surrogates:								
Dibromofluoromethane				*101*	*79-124*			
1,2-Dichloroethane-d4				*103*	*75-128*			
Toluene-d8				*96*	*87-113*			
4-Bromofluorobenzene				*99*	*70-121*			
Laboratory Control Sample					Analyzed:	11/18/2011	By: LEW	
Unit: mg/L					Analytical Batch:	1K22026		
Benzene	4.00		**3.63**	91	77-122	--		0.10
Carbon Tetrachloride	4.00		**3.75**	94	77-132	--		0.10
Chlorobenzene	4.00		**3.99**	100	76-128	--		0.10
Chloroform	4.00		**3.59**	90	78-127	--		0.10
1,2-Dichloroethane	4.00		**3.82**	96	78-125	--		0.10
1,1-Dichloroethene	4.00		**3.50**	87	71-129	--		0.10
2-Butanone (MEK)	4.00		**3.08**	77	32-178	--		5.0
Tetrachloroethene	4.00		**3.92**	98	78-131	--		0.10
Trichloroethene	4.00		**3.75**	94	72-129	--		0.10
Vinyl Chloride	4.00		**3.61**	90	66-139	--		0.10
Laboratory Control Sample					Analyzed:	11/18/2011	By: LEW	
Unit: ug/L					Analytical Batch:	1K22026		
Surrogates:								
Dibromofluoromethane				*102*	*79-124*			
1,2-Dichloroethane-d4				*107*	*75-128*			

Continued on next page

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113354 (Continued) 5030B MS TCLP/USEPA-8260B								
Laboratory Control Sample (Continued)					Analyzed:	11/18/2011	By: LEW	
Unit: ug/L					Analytical Batch:	1K22026		
Surrogates (Continued):								
Toluene-d8				*97*	*87-113*			
4-Bromofluorobenzene				*100*	*70-121*			
Matrix Spike 1111341-04 ST-32427-111511-JV-004					Analyzed:	11/19/2011	By: LEW	
Unit: mg/L					Analytical Batch:	1K22026		
Benzene	<0.10	4.00	**3.76**	94	71-124	--		0.10
Carbon Tetrachloride	<0.10	4.00	**3.74**	93	58-141	--		0.10
Chlorobenzene	<0.10	4.00	**3.98**	100	79-121	--		0.10
Chloroform	<0.10	4.00	**3.66**	92	72-125	--		0.10
1,2-Dichloroethane	<0.10	4.00	**3.93**	98	62-131	--		0.10
1,1-Dichloroethene	<0.10	4.00	**3.47**	87	59-135	--		0.10
2-Butanone (MEK)	0.0920	4.00	**2.89**	70	10-183	--		5.0
Tetrachloroethene	<0.10	4.00	**3.87**	97	65-138	--		0.10
Trichloroethene	<0.10	4.00	**3.52**	88	64-133	--		0.10
Vinyl Chloride	<0.10	4.00	**3.80**	95	50-141	--		0.10
Matrix Spike 1111341-04 ST-32427-111511-JV-004					Analyzed:	11/19/2011	By: LEW	
Unit: ug/L					Analytical Batch:	1K22026		
Surrogates:								
Dibromofluoromethane				*99*	*79-124*			
1,2-Dichloroethane-d4				*105*	*75-128*			
Toluene-d8				*97*	*87-113*			
4-Bromofluorobenzene				*101*	*70-121*			
Matrix Spike Duplicate 1111341-04 ST-32427-111511-JV-004					Analyzed:	11/19/2011	By: LEW	
Unit: mg/L					Analytical Batch:	1K22026		
Benzene	<0.10	4.00	**3.78**	94	71-124	0.6	16	0.10
Carbon Tetrachloride	<0.10	4.00	**3.93**	98	58-141	5	17	0.10
Chlorobenzene	<0.10	4.00	**4.09**	102	79-121	3	16	0.10
Chloroform	<0.10	4.00	**3.72**	93	72-125	1	15	0.10
1,2-Dichloroethane	<0.10	4.00	**3.85**	96	62-131	2	18	0.10
1,1-Dichloroethene	<0.10	4.00	**3.72**	93	59-135	7	20	0.10
2-Butanone (MEK)	0.0920	4.00	**3.06**	74	10-183	6	20	5.0
Tetrachloroethene	<0.10	4.00	**3.98**	100	65-138	3	17	0.10
Trichloroethene	<0.10	4.00	**3.78**	94	64-133	7	18	0.10
Vinyl Chloride	<0.10	4.00	**3.87**	97	50-141	2	22	0.10

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QUALITY CONTROL REPORT

TCLP Volatile Organics by EPA Method 1311/8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL

QC Batch: 1113354 (Continued) 5030B MS TCLP/USEPA-8260B

Matrix Spike Duplicate 1111341-04 ST-32427-111511-JV-004 Analyzed: 11/19/2011 By: LEW

Unit: ug/L Analytical Batch: 1K22026

Surrogates:		
Dibromofluoromethane	*99*	*79-124*
1,2-Dichloroethane-d4	*106*	*75-128*
Toluene-d8	*97*	*87-113*
4-Bromofluorobenzene	*101*	*70-121*

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QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113161 3510C TCLP Liquid-Liquid Ext./USEPA-8270C								
Method Blank					Analyzed:	11/22/2011	By: JLB	
Unit: mg/L					Analytical Batch:	1K25006		
1,4-Dichlorobenzene			<0.0050					0.0050
2,4-Dinitrotoluene			<0.0050			--		0.0050
Hexachlorobenzene			<0.0050					0.0050
Hexachlorobutadiene			<0.0050					0.0050
Hexachloroethane			<0.0050					0.0050
Nitrobenzene			<0.0050					0.0050
Pyridine			<0.050			--		0.050
Pentachlorophenol			<0.0050					0.0050
2,4,6-Trichlorophenol			<0.0050			--		0.0050
2,4,5-Trichlorophenol			<0.0050			--		0.0050
2-Methylphenol			<0.0050					0.0050
3+4-Methylphenol			<0.0050					0.0050
Surrogates:								
2-Fluorophenol				*65*	*20-121*			
Phenol-d6				*39*	*10-105*			
Nitrobenzene-d5				*104*	*38-141*			
2-Fluorobiphenyl				*120*	*41-132*			
2,4,6-Tribromophenol				*121*	*20-142*			
o-Terphenyl				*126*	*39-148*			
Laboratory Control Sample					Analyzed:	11/22/2011	By: JLB	
Unit: mg/L					Analytical Batch:	1K25006		
1,4-Dichlorobenzene	0.0980		**0.121**	**123**	36-120	--		0.0050
2,4-Dinitrotoluene	0.0980		**0.108**	111	42-125	--		0.0050
Hexachlorobenzene	0.0980		**0.128**	131	26-141	--		0.0050
Hexachlorobutadiene	0.0980		**0.128**	**131**	39-120	--		0.0050
Hexachloroethane	0.0980		**0.105**	107	34-125	--		0.0050
Nitrobenzene	0.0980		**0.112**	115	52-129	--		0.0050
Pyridine	0.0980		**0.00540**	6	5-120	--		0.050
Pentachlorophenol	0.0980		**0.126**	**129**	39-112	--		0.0050
2,4,6-Trichlorophenol	0.0980		**0.126**	129	41-135	--		0.0050
2,4,5-Trichlorophenol	0.0980		**0.130**	133	36-137	--		0.0050
2-Methylphenol	0.0980		**0.0928**	95	37-125	--		0.0050
3+4-Methylphenol	0.196		**0.168**	86	45-125	--		0.0050
Surrogates:								
2-Fluorophenol				*68*	*20-121*			

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QUALITY CONTROL REPORT

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
QC Batch: 1113161 (Continued) 3510C TCLP Liquid-Liquid Ext./USEPA-8270C								
Laboratory Control Sample (Continued)					Analyzed:	11/22/2011	By: JLB	
Unit: mg/L					Analytical Batch:	1K25006		
Surrogates (Continued):								
Phenol-d6				*41*	*10-105*			
Nitrobenzene-d5				*108*	*38-141*			
2-Fluorobiphenyl				*120*	*41-132*			
2,4,6-Tribromophenol				*133*	*20-142*			
o-Terphenyl				*128*	*39-148*			
Laboratory Control Sample Duplicate					Analyzed:	11/22/2011	By: JLB	
Unit: mg/L					Analytical Batch:	1K25006		
1,4-Dichlorobenzene	0.0980	**0.114**		117	36-120	5	20	0.0050
2,4-Dinitrotoluene	0.0980	**0.102**		104	42-125	6	20	0.0050
Hexachlorobenzene	0.0980	**0.128**		131	26-141	0.2	20	0.0050
Hexachlorobutadiene	0.0980	**0.127**		**129**	39-120	1	20	0.0050
Hexachloroethane	0.0980	**0.101**		103	34-125	4	20	0.0050
Nitrobenzene	0.0980	**0.108**		110	52-129	4	20	0.0050
Pyridine	0.0980	**0.0661**		67	5-120	**170**	20	0.050
Pentachlorophenol	0.0980	**0.124**		**126**	39-112	2	20	0.0050
2,4,6-Trichlorophenol	0.0980	**0.119**		122	41-135	5	20	0.0050
2,4,5-Trichlorophenol	0.0980	**0.124**		127	36-137	5	20	0.0050
2-Methylphenol	0.0980	**0.0892**		91	37-125	4	20	0.0050
3+4-Methylphenol	0.196	**0.162**		83	45-125	3	20	0.0050
Surrogates:								
2-Fluorophenol				*64*	*20-121*			
Phenol-d6				*39*	*10-105*			
Nitrobenzene-d5				*104*	*38-141*			
2-Fluorobiphenyl				*117*	*41-132*			
2,4,6-Tribromophenol				*124*	*20-142*			
o-Terphenyl				*128*	*39-148*			

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QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Arsenic/USEPA-6010C									
QC Batch: 1113151 (3010A TCLP Digestion)						Analyzed: 11/23/2011			By: KLV
Method Blank			<0.50	mg/L					0.50
Laboratory Control Sample		2.00	**1.91**	mg/L	96	80-120			0.50
1111341-01 [CC-32427-111511-JV-001]									
Matrix Spike	0.0538	2.00	**1.92**	mg/L	94	75-125			0.50
Matrix Spike Duplicate	0.0538	2.00	**1.81**	mg/L	88	75-125	6	20	0.50
Analyte: Barium/USEPA-6010C									
QC Batch: 1113151 (3010A TCLP Digestion)						Analyzed: 11/23/2011			By: KLV
Method Blank			<0.35	mg/L					0.35
Laboratory Control Sample		0.400	**0.362**	mg/L	91	80-120			0.35
1111341-01 [CC-32427-111511-JV-001]									
Matrix Spike	0.293	0.400	**0.669**	mg/L	94	75-125			0.35
Matrix Spike Duplicate	0.293	0.400	**0.628**	mg/L	84	75-125	6	20	0.35
Analyte: Cadmium/USEPA-6010C									
QC Batch: 1113151 (3010A TCLP Digestion)						Analyzed: 11/23/2011			By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.357**	mg/L	89	80-120			0.050
1111341-01 [CC-32427-111511-JV-001]									
Matrix Spike	0.00513	0.400	**0.332**	mg/L	82	75-125			0.050
Matrix Spike Duplicate	0.00513	0.400	**0.313**	mg/L	77	75-125	6	20	0.050
Analyte: Chromium/USEPA-6010C									
QC Batch: 1113151 (3010A TCLP Digestion)						Analyzed: 11/23/2011			By: KLV
Method Blank			<0.25	mg/L					0.25
Laboratory Control Sample		0.400	**0.355**	mg/L	89	80-120			0.25
1111341-01 [CC-32427-111511-JV-001]									
Matrix Spike	0.00760	0.400	**0.343**	mg/L	84	75-125			0.25
Matrix Spike Duplicate	0.00760	0.400	**0.321**	mg/L	78	75-125	6	20	0.25
Analyte: Lead/USEPA-6010C									
QC Batch: 1113151 (3010A TCLP Digestion)						Analyzed: 11/23/2011			By: KLV
Method Blank			<0.25	mg/L					0.25

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QUALITY CONTROL REPORT

TCLP Metals by EPA 1311/6000/7000 Series Methods (Continued)

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
Analyte: Lead/USEPA-6010C (Continued)									
QC Batch: 1113151 (Continued) (3010A TCLP Digestion)							Analyzed: 11/23/2011		By: KLV
Laboratory Control Sample		0.400	**0.350**	mg/L	88	80-120			0.25
1111341-01 [CC-32427-111511-JV-001]									
Matrix Spike	<0.25	0.400	**0.308**	mg/L	77	75-125			0.25
Matrix Spike Duplicate	<0.25	0.400	**0.292**	mg/L	**73**	75-125	5	20	0.25
Analyte: Mercury/USEPA-7470A									
QC Batch: 1113313 (7470A TCLP Digestion)							Analyzed: 11/23/2011		By: DSC
Method Blank			<0.00020	mg/L					0.00020
Laboratory Control Sample		0.00200	**0.00206**	mg/L	103	80-120			0.00020
1111341-01 [CC-32427-111511-JV-001]									
Matrix Spike	<0.00020	0.00200	**0.00155**	mg/L	**78**	80-120			0.00020
Matrix Spike Duplicate	<0.00020	0.00200	**0.00154**	mg/L	**77**	80-120	1	20	0.00020
Analyte: Selenium/USEPA-6010C									
QC Batch: 1113151 (3010A TCLP Digestion)							Analyzed: 11/23/2011		By: KLV
Method Blank			<0.20	mg/L					0.20
Laboratory Control Sample		2.00	**1.91**	mg/L	95	80-120			0.20
1111341-01 [CC-32427-111511-JV-001]									
Matrix Spike	<0.20	2.00	**1.83**	mg/L	92	75-125			0.20
Matrix Spike Duplicate	<0.20	2.00	**1.70**	mg/L	85	75-125	7	20	0.20
Analyte: Silver/USEPA-6010C									
QC Batch: 1113151 (3010A TCLP Digestion)							Analyzed: 11/23/2011		By: KLV
Method Blank			<0.050	mg/L					0.050
Laboratory Control Sample		0.400	**0.368**	mg/L	92	80-120			0.050
1111341-01 [CC-32427-111511-JV-001]									
Matrix Spike	0.00427	0.400	**0.364**	mg/L	90	75-125			0.050
Matrix Spike Duplicate	0.00427	0.400	**0.344**	mg/L	85	75-125	6	20	0.050

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STATEMENT OF DATA QUALIFICATIONS

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Qualification: Manual integration was required on the analytes listed below. All manual integrations were performed and reviewed in accordance with TriMatrix laboratory policy.

Analysis: USEPA-8082

Sample/Analyte: 1111341-04 ST-32427-111511-JV-004

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STATEMENT OF DATA QUALIFICATIONS

TCLP Metals by EPA 1311/6000/7000 Series Methods

Qualification: The MS and/or MSD recovery was outside the control limit. The non-spiked sample result is considered estimated.

Analysis: USEPA-7470A

Sample/Analyte: 1111341-01 CC-32427-111511-JV-001 Mercury

Qualification: The MS or MSD recovery, but not both, was outside the control limit. The RPD is within the control limit. The unspiked sample result is not qualified.

Analysis: USEPA-6010C

Sample/Analyte: 1111341-01 CC-32427-111511-JV-001 Lead

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STATEMENT OF DATA QUALIFICATIONS

TCLP Organochlorine Pesticides by EPA Method 1311/8081A

Qualification: The MS and/or MSD recovery was outside the control limit. The non-spiked sample result is considered estimated.

Analysis: USEPA-8081B

Sample/Analyte:		
1111341-01	CC-32427-111511-JV-001	Endrin
1111341-01	CC-32427-111511-JV-001	Endrin [2C]
1111341-01	CC-32427-111511-JV-001	gamma-BHC (Lindane)
1111341-01	CC-32427-111511-JV-001	gamma-BHC (Lindane) [2C]
1111341-01	CC-32427-111511-JV-001	Heptachlor Epoxide
1111341-01	CC-32427-111511-JV-001	Heptachlor Epoxide [2C]
1111341-01	CC-32427-111511-JV-001	Methoxychlor
1111341-01	CC-32427-111511-JV-001	Methoxychlor [2C]

Qualification: The RPD between the MS and MSD results exceeded the control limit. The non-spiked sample result is considered estimated.

Analysis: USEPA-8081B

Sample/Analyte:		
1111341-01	CC-32427-111511-JV-001	Endrin
1111341-01	CC-32427-111511-JV-001	Endrin [2C]
1111341-01	CC-32427-111511-JV-001	gamma-BHC (Lindane)
1111341-01	CC-32427-111511-JV-001	gamma-BHC (Lindane) [2C]
1111341-01	CC-32427-111511-JV-001	Heptachlor
1111341-01	CC-32427-111511-JV-001	Heptachlor [2C]
1111341-01	CC-32427-111511-JV-001	Heptachlor Epoxide
1111341-01	CC-32427-111511-JV-001	Heptachlor Epoxide [2C]
1111341-01	CC-32427-111511-JV-001	Methoxychlor
1111341-01	CC-32427-111511-JV-001	Methoxychlor [2C]

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STATEMENT OF DATA QUALIFICATIONS

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Qualification: The LCS and/or LCSD recovery exceeded the upper control limit. A positive result for this analyte in any sample from the associated QC batch is considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8270C

Sample/Analyte:		
1111341-01	CC-32427-111511-JV-001	1,4-Dichlorobenzene
1111341-01	CC-32427-111511-JV-001	Hexachlorobutadiene
1111341-01	CC-32427-111511-JV-001	Pentachlorophenol
1111341-02	CC-32427-111511-JV-002	1,4-Dichlorobenzene
1111341-02	CC-32427-111511-JV-002	Hexachlorobutadiene
1111341-02	CC-32427-111511-JV-002	Pentachlorophenol
1111341-03	CC-32427-111511-JV-003	1,4-Dichlorobenzene
1111341-03	CC-32427-111511-JV-003	Hexachlorobutadiene
1111341-03	CC-32427-111511-JV-003	Pentachlorophenol
1111341-04	ST-32427-111511-JV-004	1,4-Dichlorobenzene
1111341-04	ST-32427-111511-JV-004	Hexachlorobutadiene
1111341-04	ST-32427-111511-JV-004	Pentachlorophenol

Qualification: The LCS/LCSD RPD exceeded the control limit. A positive result for this analyte in any sample from the associated QC batch is considered estimated. Non-detectable results are not qualified.

Analysis: USEPA-8270C

Sample/Analyte:		
1111341-01	CC-32427-111511-JV-001	Pyridine
1111341-02	CC-32427-111511-JV-002	Pyridine
1111341-03	CC-32427-111511-JV-003	Pyridine
1111341-04	ST-32427-111511-JV-004	Pyridine

Qualification: Manual integration was required on the analytes listed below. All manual integrations were performed and reviewed in accordance with TriMatrix laboratory policy.

Analysis: USEPA-8270C

Sample/Analyte:		
1111341-01	CC-32427-111511-JV-001	Phenol-d6
1111341-03	CC-32427-111511-JV-003	Phenol-d6
1113161-BS1		Naphthalene-d8

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CHAIN OF CUSTODY RECORD

COC NO.: PL- 08143

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(See Reverse Side for Instructions)

CONESTOGA-ROVERS & ASSOCIATES

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Phone: (734) 453-5123 Fax: (734) 453-5201

E·1111341

15.4

Project No/ Phase/Task Code: 032427-10	Laboratory Name: TriMatrix
Project Name: West Plant PCB Remediation	Lab Contact: Gary Wood
Project Location: Riverview, MI	Lab Location: Grand Rapids, MI
Chemistry Contact: Paul Wiseman	Lab Quote No:
Sampler(s): James VanAssch	SSOW ID: 32427-10-008
	Cooler No:
	Carrier: FED EX
	Airbill No:
	Date Shipped: 11/15/11

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	TCLP VOC	TCLP SVOC	TCLP Metals	TCLP Pests	TCLP Herb	PCB's	MS/MSD Request	Comments/ Special Instructions:
01	1 CC-32427-111511-JV-001	11/15/11	0850	CC		X								1	X	X	X	X	X	X	01	
02	2 CC-32427-111511-JV-002		0857	CC		X								1	X	X	X	X	X	X		
03	3 CC-32427-111511-JV-003		0915	CC		X								1	X	X	X	X	X	X		
04	4 ST-32427-111511-JV-004		0845	ST		X								1	X	X	X	X	X	X	02	
	5																					
	6																					
	7																					
	8																					
	9																					
	10																					
	11																					
	12																					
	13																					
	14																					
	15																					

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☑ Other: 11/30/11

Total Number of Containers: 4

All Samples in Cooler must be on COC

Notes/ Special Requirements: Requested Due Date: 11/30/11

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. James VanAssch	CRA	11/15/11	1600	1.			
2.				2.			
3.				3. W Cole	TriMatrix	7/16/11	0900

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10A (20110804)

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client	Work Order #:
CRA	New / Add To 111341
Receipt Record Page/Line # 15-4	Project Chemist / Sample #s

Recorded by (initials/date): WC 11-16-11

☑ Cooler ☐ Box ☐ Other ____ Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#____)

☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler # / Time	CRA / 0910			
Custody Seals	☑ None ☐ Present / Intact ☐ Present / Not Intact	☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Location	Dispersed / (Top) / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via	☐ Loose Ice / Avg 2-3 containers ☑ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None / Avg 2-3 containers	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None / Avg 2-3 containers	☐ Loose Ice ☐ Bagged Ice ☐ Blue Ice ☐ None / Avg 2-3 containers
Alternate Temperature Taken Via	☑ Temperature Blank (TB) ☐ 1 Container	☐ Temperature Blank (TB) ☐ 1 Container	☐ Temperature Blank (TB) ☐ 1 Container	☐ Temperature Blank (TB) ☐ 1 Container

Cooler 1	Recorded °C	Correction Factor °C	Actual °C
Temp Blank	–		4.8
TB location: (Representative) / Not Representative			
1	7.6	–	7.6
2	7.1	–	7.1
3	7.9	–	7.9
Average °C			7.5

Coolers 2–4: Temp Blank, TB location (Representative / Not Representative), readings 1–3 and Average °C left blank.

☐ Cooler ID on COC? ☐ VOC Trip Blank received? (each cooler)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received
☐ No COC Received

N/A	Yes	No	
	☑	☐	Chain of Custody record(s)?
	☐		If No, COC Initiated By ____
	☑		Rec'd for Lab Signed/Date/Time?
☐	☑		Shipping document?
☑	☐		Other ____

COC ID #s
☐ TriMatrix
☑ Other (Name or ID#) CRA PL-08143

Check COC for Accuracy
☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary
☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses
☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)

AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip Blank received ☐ Trip Blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (Init/Date) ____
☐ No analysis requested, Proj. Chemist completed (Init/Date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
11-16-11 0900	11-16-11 0915	(Yes) / No

APPENDIX E

SITE PHOTOGRAPHS

D6 Excavation- Above Grade Concrete Demolition (view West)

D3 Excavation- Above Grade Concrete Demolition (view West)

D11 Excavation- Post- Above Grade Concrete Demolition (view southwest)

Perimeter Air Monitoring Instrument (view southwest)

D5 D30 excavation (foreground) D42 excavation with concrete pillars (background)
(view- West)

D10 Excavation with odor suppression foam (white)
(view – North)

D34 Excavation with soil solidification
(view – Northeast)

Soil solidification operation & Transport odor suppression application
(view – Northwest)

SB-16 Terminus of Excavation
(view – North)

Water filtration & conveyance
(view – Northeast)

Water Treatment w/freeze protection & Frac Tank Storage
(view – East)

D34 excavation with backfill
(view – Southeast)

D11 Excavation backfilling & Gravel Capping operation
(view – Northeast)

D3 through D11 excavations with Gravel Cap
(view – South)

D2 through D11 Excavations with Gravel Cap
(view – North)

Excavation areas restored (post-remediation)
(view – Northwest)

APPENDIX F

EXCAVATION SURVEY RESULTS

ARKEMA WEST PLANT PCB REMEDIATION SURVEY RESULTS

BASELINE - TOP EXCAVATION CORNERS					FINAL - BOTTOM EXCAVATION CORNERS			FINAL - BOTTOM EXCAVATION INTERIOR						
Location	**Record #**	**Northing**	**Easting**	**Baseline Elevation [1]**	**Northing**	**Easting**	**Final Elevation [1]**	**Northing**	**Easting**	**Final Elevation [1]**	**Maximum Required Depth (ft)**	**Final Excavated Depth (ft) Perimeter Corners**	**Final Excavated Depth (ft) Interior**	**Comments**
D2	100	250944.25	13449415.39	577.96	250944.25	13449415.39	575.41	250953.87	13449409.16	575.48	2.5	2.6	2.5	
D2	101	250964.23	13449378.84	578.09	250964.23	13449378.84	575.59	250965.53	13449388.55	575.44	2.5	2.5	2.7	
D2	102	250995.64	13449396.1	578.07	250995.64	13449396.1	575.54	250983.53	13449398.72	575.58	2.5	2.5	2.5	
D2	103	250975.31	13449432.77	577.8	250975.31	13449432.77	575.26	250973.20	13449426.17	575.11	2.5	2.5	2.7	
D3	1024	251055.16	13449479.21	577.78	251055.16	13449479.21	576.21	251035.61	13449439.06	575.97	1.5	1.6	1.8	Includes Area West of D3
D3	107	251099.27	13449398.98	577.52	251099.27	13449398.98	576.01	251047.19	13449420.19	576.02	1.5	1.5	1.5	Includes Area West of D3
D3	106	251062.99	13449379.3	577.75	251062.99	13449379.3	576.07	251076.96	13449417.69	576.26	1.5	1.7	1.5	Includes Area West of D3
D3	1027	251018.97	13449459.36	577.54	251018.97	13449459.36	576.01	251071.64	13449439.47	576.02	1.5	1.5	1.5	Includes Area West of D3
D4	1020	251103.6	13449505.8	577.69	251103.6	13449505.8	576.20	251126.97	13449452.06	576.06	1.5	1.5	1.6	Includes Area West of D4
D4	113	251143.87	13449432.64	577.6	251143.87	13449432.64	576.15	251100.16	13449443.09	575.93	1.5	1.5	1.7	Includes Area West of D4
D4	112	251107.66	13449412.77	577.45	251107.66	13449412.77	575.97	251084.44	13449464.07	575.93	1.5	1.5	1.5	Includes Area West of D4
D4	1023	251067.41	13449485.94	577.87	251067.41	13449485.94	576.37	251114.28	13449479.93	576.20	1.5	1.5	1.7	Includes Area West of D4
D5	1016	251163.42	13449538.63	578.17	251163.42	13449538.63	576.61	251169.86	13449515.00	576.64	1.5	1.6	1.5	Includes Area West of D5
D5	1017	251200.10	13449471.80	578.02	251200.10	13449471.80	576.45	251190.67	13449476.67	576.49	1.5	1.6	1.5	Includes Area West of D5
D5	1018	251152.53	13449445.7	577.65	251152.53	13449445.7	576.12	251151.89	13449467.55	576.03	1.5	1.5	1.6	Includes Area West of D5
D5	5000	251203.15	13449455.87	577.98	251203.15	13449455.87	576.46	251198.87	13449458.54	576.43	1.5	1.5	1.6	Includes Area West of D5
D5	5001	251194.38	13449451.05	577.94	251194.38	13449451.05	576.37	251195.54	13449456.35	576.40	1.5	1.6	1.5	Includes Area West of D5
D5	5002	251186.95	13449464.58	578.00	251186.95	13449464.58	576.46	251189.31	13449469.28	576.45	1.5	1.5	1.5	Includes Area West of D5
D5	1019	251115.689	13449513.03	577.78	251115.689	13449513.03	576.20	251139.49	13449484.75	576.22	1.5	1.6	1.6	Includes Area West of D5
D6	1012	251223.77	13449513.29	578.44	251223.77	13449513.29	574.40	251220.02	13449502.83	574.38	3.5	4.0	4.1	
D6	1013	251236.22	13449491.78	578.04	251236.22	13449491.78	574.45	251229.37	13449491.65	573.99	3.5	3.6	4.1	
D6	1014	251211.7	13449478.32	578.21	251211.7	13449478.32	574.60	251218.81	13449489.99	574.42	3.5	3.6	3.8	
D6	1015	251198.25	13449502.84	578.14	251198.25	13449502.84	574.70	251211.58	13449500.76	574.65	3.5	3.4	3.5	Slight under excavation - obstruction (field verified by CRA)
D7	1008	251260.27	13449536.71	578.09	251260.27	13449536.71	576.04	251257.65	13449522.13	575.92	2.0	2.0	2.2	
D7	1009	251273.72	13449512.19	578.13	251273.72	13449512.19	576.13	251260.13	13449515.65	576.08	2.0	2.0	2.0	
D7	1010	251249.21	13449498.74	578.24	251249.21	13449498.74	576.10	251251.20	13449510.91	576.19	2.0	2.1	2.1	
D7	1011	251235.76	13449523.25	578.21	251235.76	13449523.25	576.20	251242.94	13449521.90	576.04	2.0	2.0	2.2	

BASELINE - TOP EXCAVATION CORNERS					FINAL - BOTTOM EXCAVATION CORNERS			FINAL - BOTTOM EXCAVATION INTERIOR						
Location	**Record #**	**Northing**	**Easting**	**Baseline Elevation [1]**	**Northing**	**Easting**	**Final Elevation [1]**	**Northing**	**Easting**	**Final Elevation [1]**	**Maximum Required Depth (ft)**	**Final Excavated Depth (ft) Perimeter Corners**	**Final Excavated Depth (ft) Interior**	**Comments**
D8	130	251272.32	13449543.29	577.89	251272.32	13449543.29	575.84	251281.77	13449540.76	576.08	1.9	2.1	1.8	Includes Area West of D8
D8	131	251285.77	13449518.78	577.97	251285.77	13449518.78	575.99	251288.29	13449535.16	576.01	1.9	2.0	2.0	Includes Area West of D8
D8	132	251280.93	13449515.86	578.03	251280.93	13449515.86	576.07	251281.91	13449513.83	576.08	1.9	2.0	2.0	Includes Area West of D8
D8	133	251283.46	13449511.19	578.11	251283.46	13449511.19	576.21	251282.00	13449514.00	576.08	1.9	1.9	2.0	Includes Area West of D8
D8	134	251312.68	13449527.19	578.09	251312.68	13449527.19	576.08	251295.41	13449537.75	576.00	1.9	2.0	2.1	Includes Area West of D8
D8	135	251310.29	13449532.23	578.39	251310.29	13449532.23	576.28	251307.78	13449529.30	576.07	1.9	2.1	2.3	Includes Area West of D8
D8	136	251296.83	13449556.75	578.25	251296.83	13449556.75	576.23	251293.24	13449542.69	576.35	1.9	2.0	1.9	Includes Area West of D8
D10	1004	251387.079	13449615.33	578.19	251387.079	13449615.33	575.94	251365.07	13449567.51	576.02	2.0	2.3	2.2	
D10	1005	251404.6	13449584.68	577.93	251404.6	13449584.68	575.91	251381.11	13449590.82	575.94	2.0	2.0	2.0	
D10	1006	251360.68	13449560.58	578.69	251360.68	13449560.58	576.68	251353.69	13449586.08	576.25	2.0	2.0	2.4	
D10	1007	251343.86	13449591.22	578.51	251343.86	13449591.22	576.31	251358.87	13449579.55	576.29	2.0	2.2	2.2	
D11	1000	251466.31	13449708.92	578.21	251466.31	13449708.92	576.16	251447.48	13449679.94	575.61	2.0	2.1	2.6	
D11	1001	251507.06	13449640.91	578.43	251507.06	13449640.91	576.29	251455.89	13449639.90	575.81	2.0	2.1	2.6	
D11	1002	251471.14	13449706.35	578.62	251471.14	13449706.35	576.35	251465.61	13449696.89	575.74	2.0	2.3	2.9	
D11	1046	251416.85	13449591.41	578.31	251416.85	13449591.41	576.16	251481.23	13449651.10	575.74	2.0	2.1	2.6	
D11	1003	251378.74	13449660.87	577.96	251378.74	13449660.87	575.61	251420.93	13449620.96	575.86	2.0	2.4	2.1	
D30	1028	251238.56	13449419.9	578.18	251238.56	13449419.9	575.63	251231.35	13449402.40	575.62	2.5	2.5	2.6	Includes Area West of D30
D30	1029	251271.62	13449364.29	578.54	251271.62	13449364.29	575.98	251239.04	13449403.72	575.99	2.5	2.6	2.6	Includes Area West of D30
D30	1030	251243.93	13449349.12	577.91	251243.93	13449349.12	575.41	251262.39	13449369.86	575.43	2.5	2.5	2.5	Includes Area West of D30
D30	1031	251212.97	13449405.73	577.89	251212.97	13449405.73	575.36	251245.37	13449358.94	575.34	2.5	2.5	2.6	Includes Area West of D30
D33	152	251406.37	13449477.92	578.25	251406.37	13449477.92	576.71	251418.99	13449479.91	576.61	1.5	1.5	1.6	
D33	153	251420.45	13449452.35	578.03	251420.45	13449452.35	576.51	251429.62	13449463.36	576.51	1.5	1.5	1.5	
D33	154	251458.37	13449473.04	577.96	251458.37	13449473.04	576.44	251438.41	13449468.82	576.35	1.5	1.5	1.6	
D33	155	251444.25	13449498.71	578.19	251444.25	13449498.71	576.67	251442.18	13449488.43	576.48	1.5	1.5	1.7	
D34	1036	251602.59	13449560.86	579.05	251602.59	13449560.86	576.94	251617.59	13449562.15	576.95	2.0	2.1	2.1	
D34	1037	251662.6	13449595.41	578.55	251662.6	13449595.41	576.53	251657.58	13449579.63	576.47	2.0	2.0	2.1	
D34	1038	251678.21	13449568.3	578.76	251678.21	13449568.3	576.75	251668.62	13449569.86	576.74	2.0	2.0	2.0	
D34	1039	251618.21	13449533.74	579.05	251618.21	13449533.74	576.89	251626.02	13449549.32	576.94	2.0	2.2	2.1	

ARKEMA WEST PLANT PCB REMEDIATION SURVEY RESULTS

BASELINE - TOP EXCAVATION CORNERS					FINAL - BOTTOM EXCAVATION CORNERS			FINAL - BOTTOM EXCAVATION INTERIOR						
Location	**Record #**	**Northing**	**Easting**	**Baseline Elevation [1]**	**Northing**	**Easting**	**Final Elevation [1]**	**Northing**	**Easting**	**Final Elevation [1]**	**Maximum Required Depth (ft)**	**Final Excavated Depth (ft) Perimeter Corners**	**Final Excavated Depth (ft) Interior**	**Comments**
D38	156	251479.3	13449425.29	578.22	251479.3	13449425.29	573.71	251483.90	13449422.02	573.67	4.5	4.5	4.6	
D38	157	251488.91	13449407.78	578.13	251488.91	13449407.78	573.60	251488.92	13449411.87	573.59	4.5	4.5	4.5	
D38	158	251502.04	13449414.98	578.12	251502.04	13449414.98	573.82	251493.43	13449415.47	573.74	4.5	4.3	4.4	Slight under excavation - obstruction (field verified by CRA)
D38	159	251492.43	13449432.49	577.71	251492.43	13449432.49	573.80	251489.01	13449422.76	573.64	4.5	3.9	4.1	Slight under excavation - obstruction (field verified by CRA)
D42 East	3063	251314.77	13449285.1	578.63	251314.77	13449285.1	575.38	251306.74	13449287.63	575.40	3.5	3.3	3.2	Slight under excavation - obstruction (field verified by CRA)
D42 East	3062	251299.93	13449277.93	578.65	251299.93	13449277.93	575.31	251303.91	13449283.22	575.40	3.5	3.3	3.3	Slight under excavation - obstruction (field verified by CRA)
D42 East	1032	251301.92	13449307.47	578.67	251301.92	13449307.47	575.38	251300.63	13449299.97	575.27	3.5	3.3	3.4	Slight under excavation - obstruction (field verified by CRA)
D42 East	1035	251288.64	13449300.19	578.59	251288.64	13449300.19	575.34	251295.14	13449299.13	575.30	3.5	3.3	3.3	Slight under excavation - obstruction (field verified by CRA)
SB-16	170	251195.3	13449376.33	578.26	251195.3	13449376.33	576.25	251202.05	13449374.37	576.06	2.0	2.0	2.2	
SB-16	171	251204.65	13449359.13	578.31	251204.65	13449359.13	576.14	251206.33	13449366.17	576.03	2.0	2.2	2.3	
SB-16	172	251224.97	13449370.26	578.16	251224.97	13449370.26	576.13	251211.83	13449367.58	576.06	2.0	2.0	2.1	
SB-16	173	251215.56	13449387.42	578.09	251215.56	13449387.42	576.06	251206.05	13449374.07	575.98	2.0	2.0	2.1	
SB-17	1033	251341.93	13449234.15	578.79	251341.93	13449234.15	575.69	251337.73	13449234.95	575.41	2.0	3.1	3.4	
SB-17	3065	251337.44	13449248.11	578.56	251337.44	13449248.11	576.10	251332.28	13449242.12	575.74	2.0	2.5	2.8	
SB-17	3064	251321.41	13449238.02	578.21	251321.41	13449238.02	575.38	251323.66	13449238.47	575.63	2.0	2.8	2.6	
SB-17	1034	251328.02	13449226.52	578.45	251328.02	13449226.52	575.68	251329.16	13449231.39	575.47	2.0	2.8	3.0	
SB-20	174	251250.63	13449417.21	578.26	251250.63	13449417.21	576.25	251252.46	13449413.53	576.17	2.0	2.0	2.1	
SB-20	175	251260.26	13449399.68	578.12	251260.26	13449399.68	576.04	251259.94	13449406.14	576.06	2.0	2.1	2.1	
SB-20	176	251274.67	13449407.53	578.19	251274.67	13449407.53	576.11	251264.11	13449409.03	576.12	2.0	2.1	2.1	
SB-20	177	251265.02	13449425.06	578.24	251265.02	13449425.06	576.18	251259.75	13449414.32	576.17	2.0	2.1	2.1	

[1] - STATE PLANE MI SOUTH NAVD 88 DATUM - AS OF 11-18-11