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BIRDSALL ENGINEERING, INC.
CONSULTING & ENVIRONMENTAL ENGINEERS

BEI Job No. 2-07809-000801

SITE INVESTIGATION/REMEDIAL ACTION REPORT

DIAMOND AEROSOL
Polychlorinated Biphenyl Remediation

62 Anthony Road
Glen Gardner (Lebanon Township),
Hunterdon County, NJ

August 2008

Prepared For:
Diamond Aerosol, Inc.
62 Anthony Road
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611 INDUSTRIAL WAY WEST
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A
BIRDSALL SERVICES GROUP
COMPANY

CERTIFICATION
N.J.A.C. 7:26C-1.2

Type of Document (s): Site Investigation/Remedial Action Report – August 2008

Case Name: Diamond Aerosol

Case Number(s): N/A

Case Address: 62 Anthony Road, Glen Gardener, Lebanon Township, Hunterdon County, NJ

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties."

Printed Name: George B Diamond Title: Owner

Signature: George B. Diamond Date: 9/2/08

Notary Signature: Date: 9/2/08.

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1. For a corporation, by a principal executive officer of at least the level of vice president;
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PAMELA N. YOUNG
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES NOVEMBER 15, 2011

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1.0 INTRODUCTION

This *Site Investigation/Remedial Action Report (SI/RAR)* was prepared in response to the discovery of polychlorinated biphenyls (PCBs) in shallow surface soils at the Diamond Aerosol, Inc. Facility (DAI) located at 62 Anthony Road in Glen Gardner (Lebanon Township), Hunterdon County, New Jersey. The location of PCBs at the site were limited to a clearing in a wooded area located to the west of an existing barn near the southwestern property boundary.

The site location, surface topography, and nearby surface water bodies are depicted on **Figure 1, Appendix 1**, annotated sections of the U.S.G.S. 7.5 minute series topographic quadrangle maps for High Bridge/Washington/Hackettstown/Califon, New Jersey.

This report presents the results of investigations conducted to evaluate the extent and remediation of PCB contaminated soil as a result of a historic surface spill of heat transfer fluid. This *SI/RAR* has been prepared in accordance with directives issued by the United States Environmental Protective Agency – Region 2 (USEPA) as part of an overall site wide cleanup action. The activities discussed in this *SI/RAR* were conducted in accordance with the Technical Requirements for Site Remediation (N.J.A.C. 7:26E), Code of Federal Regulations (CFR) and Toxic Substances Control Act (TOSCA).

2.0 SITE HISTORY

The subject site has historically been used by DAI as an aerosol manufacturing facility and consulting offices. DAI also operated under the names Diamond East Labs or Diamond Aerosol, Corp. The subject site consists mainly of an undisturbed upland area with residential structures to the north and commercial structures in the northeast corner. The southwestern portion of the property located adjacent to Anthony Road consists of a cleared wooded area surrounded by undisturbed uplands forest, with two structures (barn and shed) located to the southwest of the main facility building and residential structure (**Figure 2**).

3.0 HISTORIC POLYCHLORINATED BIPHENYLS (PCBs) SPILL

Based upon discussions with the USEPA On-Scene Coordinator, the history of the site is as follows:

> *Diamond Aerosol (The Site) is located in a rural area on Anthony Road, Lebanon Township, Hunterdon County, New Jersey. It is located on approximately 40 acres of mostly undeveloped land, consisting of native vegetation, trees, and underbrush. It is crossed by one natural stream and has a high water table. The land adjoining the Site has been partially developed with single family residences.*

The Site is the former location of Electro Organic Corporation and Diamond Aerosol, both predecessor companies to Diamond East Corporation. Previous activities on the Site included manufacturer of tear gas, pepper spray, and other chemical specialty products for approximately 30 years.

The Site was referred to the EPA on November 15, 2000 by the NJDEP Division of Responsible Party Site Remediation, Case Management Section. EPA then conducted a removal assessment which was completed on December 21, 2000. During the Site investigation, approximately twenty five drums of waste chemicals and several hundred smaller containers, less than 55 gallons, of waste chemicals were identified on the Site. Investigation of the Site also revealed an area of PCB contaminated soil. This soil was believed to have been stockpiled from a previous clean-up. The stockpiled soil was estimated to be approximately 200 yards of material.

Following the investigation of the Site, the responsible party (RP) entered into an Administrative Order of Consent (AOC). The RP signed the AOC on July 8, 2002. The AOC included the clean-up and disposal of all waste chemicals, as well as clean-up and disposal of contaminated PCB soil.

According to USEPA personnel, PCBs were first detected within and near a soil pile located in a clearing to the southwest of an existing barn near the southwest property boundary. After the presence of PCBs were confirmed through analytical testing, DAI personnel were interviewed and indicated that the PCB contamination originated from a surface spill of PCB laden heat transfer fluids spilled from a five-gallon bucket. The time frame of this spill was not clearly evident as a results of the interview with DAI, but it was assumed to have taken place in the 1980s. According to DIA personnel, the bucket was inadvertently knocked over in a cleared portion of the lot behind the former barn. The spill resulted in the discharge of less than five (5) gallons of PCB containing fluids. The fluid originated from a tenant of DAI that utilized the barn area for either the manufacture or maintenance of heat transfer equipment. The material spilled was waste fluid that was removed from one of the heat transfer devices. Subsequently, DAI contracted an excavating (name unknown) company to remediate the spill site. Excavation activities resulted in the generation of approximately 179 cubic yards (~270 tons) of PCB impacted soil which was temporarily stockpiled near the edge of the wooded portion of the property in the previously described clearing to the west of the former barn area. That material was later removed from the site by Clean Harbors, Inc. along with approximately 220 pounds of PCB containing fluids. Documentation of disposal for impacted soil and bulk PCB laden fluids is included in **Appendix 3**.

Additional sampling conducted by the USEPA resulted in further discovery of residual PCB contamination. DAI indicated that any additional PCB impact discovered was likely the result of improper loading and removal of the 179 cubic yards of stockpiled soil conducted by Clean Harbors, Inc. Spreading of the material was likely due to the movement of heavy equipment and improper handling procedures.

In 2004, Quest Environmental and Engineering Services, Inc. (Quest) was retained by DAI to delineate the residual PCB contamination observed by the USEPA and prepare recommendations for remedial alternatives. Quest advanced a total of twenty (20) soil borings and determined that the extent of residual PCB impact was limited to an area approximately 40 feet wide by 100 feet long (approximately 4,000 square feet). Quest also determined that the vertical extent of PCB contamination was less than 18 inches below grade. Laboratory analytical results are included in **Appendix 3.**

According to Quest's calculations, approximately 165 cubic yards (~250 tons) of PCB impacted soil existed at the site ranging in depths from 12 to 18 inches below grade. Quest further estimated that based upon contaminant gradient concentrations, approximately 40 cubic yards (~60 tons) would be designated as hazardous waste for disposal purposes, while the remaining 125 cubic yards (~190 tons) will likely be categorized as non-hazardous waste. These estimations were based upon the levels of PCBs detected throughout the Quest sampling program conducted in 2004 (**Figure 3**). Quest was not retained to perform remediation efforts based upon their 2004 calculations.

4.0 PHYSICAL SETTING

4.1 Surficial Geology

According to the Hunterdon County Soils Theme (hun_surgo) provided by the NJDEP-Geographic Information Systems (GIS) Office, the southern portion of the site is underlain by Gladstone gravelly loam, 3 to 8 percent slopes (GkaoB). This unit consists of deep well drained soils on uplands. These soils formed in residuum of Pre-wisconsin age glacial till underlain by weathered gneiss. This unit consists of a dark brown gravelly loam layer 11 inches thick. The subsoil, from 11 to 39 inches, is brown to strong brown gravelly heavy loam. Substratum from 39 to 65 inches is a strong brown gravelly sandy loam. Weathered or slightly fractured gneiss bedrock is typically found deeper than 65 inches.

The northern portion of the site is underlain by Gladstone gravelly loam, 8 to 15 percent slopes, eroded (GkaoC2). This unit generally consists of the same characteristics of Gladstone gravelly loam, 3 to 8 percent slopes (GkaoB).

4.2 Bedrock Geology

According to the *Geologic Map of New Jersey; Department of Environmental Protection Division of Science, Research and Technology Geologic Survey (1999)*, the subject site is located within the Highlands Province of the eastern United States. This formation is underlain by granite, gneiss, and small amounts of marble form the Precambrian Age.

According to the *NJDEP iMap Geology Map,* the subject site is underlain by the Quartz-Oligoclase Gneiss and Hornblende Granite formations (lower Jurassic). These formations consist of medium to coarse-grained gneiss and granite.

4.3 Surface Water

According to the Hunterdon County Stream Theme (hunstrm) provided by the NJDEP-GIS Office, and as illustrated on **Figure 1,** the closest surface water body is Spruce Run located approximately 520 feet east of the DAI facility. As illustrated on the Hunterdon County Freshwater Wetlands Theme (hunfww) provided by the NJDEP-GIS Office, an area associated with Spruce Run designated as forested wetlands is located to the east of the property and is mapped as Barred owl habitat according to *NJDEP Landscape Project Mapping*.

4.4 Groundwater

According to the *New Jersey Register (24 N.J.R. 201)* groundwater in the vicinity of the subject site is potentially classified as Class II-A. Class II-A is designated as potable water uses and conversion (through conventional treatment, mixing or other similar technique) to potable water. It is secondarily designated for use as agricultural water and industrial applications.

Local groundwater occurs within the unconsolidated overburden deposits. Topographically influenced groundwater flow is typical, as shallow groundwater tends to originate in areas of topographic highs and flow towards areas of topographic lows. As illustrated on **Figure 1,** shallow groundwater flow is likely towards the southeast towards Spruce Run, based upon topographic contours.

5.0 PRELIMINARY CORRECTIVE ACTION

5.1 Soil Excavation Activities – August 2006

In July 2006, Atlantic Response, Inc. (AR) was contracted by DAI under continued directive by the USEPA to assist with remediation of residual PCB impacts previously delineated by Quest. Birdsall Engineering Inc. (BEI) was contracted with DAI in order to assist with the evaluation of the Quest results, coordinate remedial efforts, evaluate remedial effectiveness and comply with necessary reporting requirements. Subsequent to an on-site meeting to discuss the Quest results, it was determined that the most effective and efficient means to remediate residual PCBs was to excavate and dispose of the impacted material. Upon initial consultation with AR and the USEPA, remedial efforts were initiated in the locations upon which the spill originally occurred along areas delineated by Quest within the southwestern area of the property (**Figure 4**).

On August 24 and 25, 2006, AR with BEI oversight, excavated approximately 165 cubic yards (244 tons) of PCB contaminated soil from the area previously delineated by Quest. Refer to

Figure 4 for extent and depth of excavation activities. The material was segregated by concentration and staged in two separate soil piles (based upon waste streams due to concentrations) to the north of the excavation area. One soil pile (approximately 34 cubic yards (51 tons)) contained concentrations of PCBs in excess of 50 parts per million (ppm), while the remaining 129 cubic yards (193 tons) (PCBs less than 50 ppm) were staged separately. For locations of staged soil refer to **Figure 9.** Refer to **Section 6.0 Waste Generation** for a detailed summary of waste disposal activities and **Appendix 4** for waste disposal manifests.

5.2 Soil Remediation Effectiveness Analysis – August 2006

Upon completion of excavation activities, BEI evaluated the effectiveness of remedial efforts by collecting post excavation samples. A NJDEP Subsurface Evaluator collected eight (8) sidewall and six (6) bottom post-excavation soil samples from within the excavation area in accordance with N.J.A.C. 7:26E-6.4. Samples PX-1 through PX-4 and PX-6 were collected from the bottom of the excavation at a depth of 1-1.5 feet below surface grade. One sample (PX-5) was collected at a depth of 2-2.5 feet below surface grade from the bottom of the excavation area in which historical PCB concentrations exceeded 50 ppm. Samples PX-7 through PX-14 were collected from the sidewalls of the excavation at a depth of 0-0.5 feet below surface grade. As documented in **Figure 4** and on **Table 1**, the analytical testing results indicated that several post-excavation samples contained PCBs (specifically Aroclor-1248) concentrations above the most stringent NJDEP Soil Cleanup Criteria of 0.49 ppm. Certified laboratory analytical data packages are presented in **Appendix 5**.

6.0 PCB DELINIATION EFFORTS – MARCH 2007 THROUGH APRIL 2007

6.1 Soil Delineation Activities – March 2007

In response to the post-excavation analytical testing results from August 25, 2006, BEI mobilized to the subject site on March 7, 2007 to further delineate the extent of residual PCB contamination. BEI utilized direct-push (Geoprobe) technologies in order to advance a total of forty (40) soil borings (B-1 through B-40) in a twenty (20) foot square grid pattern. All sampling was conducted in accordance with N.J.A.C. 7:26E 6.4 et. seq.

All soil samples collected from within the original excavation conducted on August 25, 2006 (B-1 through B-9) were obtained at 6-inch intervals to a total depth of thirty (30) inches below the bottom of the excavation (6”-12”, 12”-18”, 18”-24”, and 24”-30”). Soil samples collected from outside the original excavation were collected at one (1) foot intervals to a total depth of 4.5 feet below surface grade (0”-6”, 12”-18”, 24”-36”, and 36”-42”).

A total of 252 samples were collected on March 7, 2007 and were analyzed on a contingent basis, with deeper sample analysis contingent on shallower sample results. Likewise, sample

analyses performed on samples further away from the previous excavation extents were contingent upon results of samples collected nearer the August 2006 excavation

As documented in **Figure 5** and on **Table 2**, the analytical testing results from the March 7, 2007 sampling activities indicated that several soil samples contained PCB (Aroclor-1248) concentrations in excess of the NJDEP Soil Cleanup Criteria. As a result of this testing, the area of PCB contamination extended beyond the limits previously quantified by Quest. The extent of PCB contamination extended northward of the excavation area at depths ranging from 0”-6” to 12”-18” below surface grade. Vertical extent of PCBs appeared to have been limited to less than 1.5 feet (18”) below surface grade as no contingent samples analyzed were detected above the NJDEP Soil Cleanup Criteria below eighteen inches. Certified laboratory analytical data packages are presented in **Appendix 5**.

6.2 Soil Delineation and Soil Pile Characterization Activities – March 2007

Soil Delineation Sampling

In order to further delineate the extent of PCB contamination detected during the March 7, 2007 soil boring sampling event, BEI remobilized a direct-push capable drill rig on March 27, 2007 in order to advanced a total of twelve (12) additional soil borings (P-41 through P-51 and B-52) in a twenty (20) foot square grid pattern. All sampling was conducted in accordance with N.J.A.C. 7:26E 6.4 et. seq.

Borings P-41 through P-51 and B-52 were sampled at one (1) foot intervals to a total depth of 4.5 feet below surface grade (0”-6”, 12”-18”, 24”-30”, 36”-42” and 48”-54”). Sample B-52 was collected along the earthen driveway to evaluate the possibility that the PCB heat transfer fluid could have been used as a dust suppressant in this area.

As documented in **Figure 5** and on **Table 2**, the analytical testing results indicated that two (2) soil delineation samples (P-43 and B-52) contained PCB (Aroclor-1248) concentrations in excess of the NJDEP Soil Cleanup Criteria. Analytical testing results suggested that soil boring P-43 was the northernmost extent of PCB contamination.

Soil Pile Characterization

As instructed by the USEPA, three soil piles located along the southwestern property boundary were assessed for the presence of PCBs (**Figure 9**). The largest soil pile located directly to the west of the main excavation area and adjacent to soil boring B-19 was assessed using one (1) composite sample (C-1) comprised of five (5) grab samples obtained at various depths. An additional four (4) grab samples (SP-1 through SP-4) were collected at various depths and analyzed for PCBs.

A second soil pile located to the west of the excavation and north of the larger soil pile previously described was assessed using one (1) composite sample (C-2) comprised of five (5) grab samples obtained at various depths. An additional three (3) grab samples (SP-5 through SP-7) were collected at this soil pile at various depths and analyzed for PCBs. Samples collected from within these two soil pile samples were collected with a hand auger as per the NJDEP Field Sampling Procedures Manual, August 2005.

Mr. Mark Gallo, USEPA Case Manager, met BEI on-site to discuss objectives and oversee sampling activities on March 29, 2007. Upon inspection, Mr. Gallo expanded the sampling program to include a third soil mound located to the north of the secondary soil pile. The third soil pile was assessed using one (1) composite sample (C-3) comprised of five (5) individual grab samples obtained from various depths. An additional three (3) grab samples (SP-8 through SP-10) were collected at various depths and analyzed for PCBs. Soil pile samples were collected with a hand auger as per the NJDEP Field Sampling Procedures Manual, August 2005.

As documented in **Figure 5** and on **Table 2**, the analytical testing results indicated that two (2) soil samples located at the south end of the largest soil pile nearest the excavation (SP-1 and SP-2) contained PCBs (specifically Aroclor-1254) concentrations in excess of the NJDEP Soil Cleanup Criteria. Based on analytical testing results, it was determined that a majority of the soil pile would be remediated via removal from the site.

6.3 Soil Delineation Activities – April 2007

Based upon analytical results from the March 29, 2007 sampling activities, BEI remobilized to the subject site to further horizontally and vertically delineate PCB contamination in the vicinity of the earthen roadway located near soil boring B-52. On April 30, 2007 BEI advanced a total of fourteen (14) soil borings (B-53 through B-66) utilizing a direct-push Geoprobe drill rig in accordance with N.J.A.C. 7:26E 6.4 et. seq.

Borings B-53 through B-59 were sampled at one (1) foot intervals to a total depth of 3.5 feet below surface grade (0”-6”, 12”-18”, 24”-30”, and 36”-42”) in a twenty (20) foot concentric grid pattern. Borings B-60 through B-66 were sampled at one (1) foot intervals to a total depth of 3.5 feet below surface grade (0”-6”, 12”-18”, 24”-30”, and 36”-42”) eastward along the earthen driveway to delineate any possible contamination that may have been further spread along the roadway during transport or removal of contaminated materials.

As documented in **Figure 5** and on **Table 2**, the analytical testing results indicated that boring B-53 contained PCB (Aroclor-1254) concentrations slightly over (0.54 ppm) the NJDEP Soil Cleanup Criteria of 0.49 ppm at a depth of 0”-6” below surface grade. All remaining analytical testing indicated that soil samples results were detected below the NJDEP Soil Cleanup Criteria for PCBs. Based on analytical testing results further excavation efforts were warranted in the area west of the barn near boring B-52 and B-53.

7.0 PCB REMEDIATION – JUNE 2007 THROUGH MARCH 2008

7.1 Soil Excavation Activities – June 2007

Based on the delineation efforts conducted on March 7, March 29 and April 30, 2007, BEI estimated that the quantity of residual PCB impacted soil remaining at the site was approximately 500 cubic yards (750 tons). BEI remobilized to the subject site on June 26 through June 29, 2007 to further remediate the impacted soils through excavation and disposal. Two separate excavations were produced to accomplish this task. Depths ranged from twelve (12") to thirty (30") inches below original surface grade (**Figure 6**).

Soil Excavation at Original (August 2006) Excavation Site

Under direction of BEI, AR conducted additional soil excavation in June 2007 from the original August 2006 excavation site. The depth of excavation was dependant upon soil boring delineation efforts and analytical testing results completed in March and April 2007. As a result, excavation depths ranged from twelve inches to approximately thirty inches below grade. In addition, the limits of the excavation were expanded to the north and southwest as indicated in **Figure 6**. **Figure 6** also indicates the approximate excavation depths in this area. The resulting excavation was estimated at approximately 110 feet long by 120 feet wide.

Soil Removal at Secondary Excavation (North of August 2006 Excavation)

According to analytical testing results from March and April 2007, it was evident that a second excavation along the earthen roadway northwest of the barn was warranted. The limits of the excavation in this area were estimated at approximately 70 feet by 50 feet. Depths ranged from twelve to approximately eighteen inches below grade. The limits of the excavation are presented in **Figure 6**.

Soil Pile Excavation

Based on the soil pile delineation efforts on March 29, 2007, AR excavated approximately 50 cubic yards (75 tons) of soil to existing surface grade at the southeast end of the large soil pile adjacent to the original (August 24, 2006) excavation area. The limits of the excavation in this area were estimated at approximately 30 feet by 27 feet.

Approximately 600 cubic yards (905 tons) of soil was generated during excavation activities conducted in June 2007 and staged to the east of the site near the commercial structure as depicted in **Figure 2** and **Figure 10**. Refer to **Section 6.0** for a detailed summary of waste disposal activities and **Appendix 4** for waste disposal manifests.

7.2 Soil Remediation Effectiveness Analysis (June 2007)

Post Excavation Sampling at Original (August 2006) Excavation Site

Following excavation activities conducted at the main excavation site on June 26 through June 29, 2007, BEI collected thirteen (13) sidewall and fourteen (14) bottom post-excavation soil samples at 27 locations within the excavation. Samples JPE-1 through JPE-4, JPE-14 through JPE 16, and JPE-19 through JPE-23 were collected from the bottom and sidewalls of the 12-inch section of the excavation at a depth of 1-1.5 feet below surface grade. Samples JPE-9 through JPE-11 were collected from the bottom of the 18-inch section of the excavation at a depth of 1.5-2 feet below surface grade. Samples JPE-5, JPE-6, and JPE-12 were collected along the sidewalls of the 18-inch section of the excavation at a depth of 0.5-1 foot below surface grade. Samples JPE-17, JPE -18, and JPE-24 through JPE-27 were collected from the bottom and sidewalls of the 30-inch section of the excavation at a depth of 2-2.5 feet below surface grade. Samples JPE-7 and JPE-8 were collected from the bottom of the 30-inch section of the excavation at a depth of 2.5-3 feet below surface grade. Sample JPE-13 was collected along the sidewall of the 30-inch section of the excavation at a depth of 0.5-1 foot below surface grade.

As documented in **Figure 6** and on **Table 3**, the analytical testing results indicated two (2) soil samples (JPE-22 and JPE-26) contained PCB (Aroclor-1248) concentrations over the NJDEP Soil Cleanup Criteria. Sample JPE-22 was located at the bottom of the 12-inch section of the excavation at a depth of 1-1.5 feet below surface grade. Sample JPE-26 was located at the bottom of the 24-inch section of the excavation at a depth of 2-2.5 feet below surface grade All remaining soil samples in the main excavation area produced results below the NJDEP Soil Cleanup Criteria for PCBs. Based on analytical testing results, it was determined that further remediation was warranted in the vicinity of JPE-22 and JPE-26.

Post Excavation at Secondary Excavation Site

In order to further delineate the extent of PCB contamination at the earthen roadway near borings B-52 and B-53, BEI collected a total of eight (8) sidewall and three (3) bottom post-excavation samples. Samples JPE-30 through JPE-33, JPE-39 and JPE-40 were collected from the bottom and sidewalls of the 18-inch section of the excavation at a depth of 1.5-2 feet below surface grade. Samples JPE-34 through JPE-38 were collected from the bottom and sidewalls of the 12-inch section of the excavation at a depth of 1-1.5 feet below surface grade.

As documented in **Figure 6** and on **Table 3**, the analytical testing results indicated four (4) soil samples (JPE-30 and JPE-35 through JPE-37) contained PCB (Aroclor-1248) concentrations over the NJDEP Soil Cleanup Criteria. Sample JPE-34 through JPE-37 were located at the sidewalls of the 12-inch section of the excavation at a depth of 1-1.5 feet below surface grade. Sample JPE-30 was located at the sidewall of the 18-inch section of the excavation at a depth of 1.5-2 feet below surface grade Based on analytical testing results, it was determined that further remediation was warranted in these areas.

Post Excavation Sampling at Soil Pile Location

In order to further delineate the extent of PCB contamination at the soil pile west of the main excavation near borings SP-1 and SP-2, two (2) post-excavation soil samples (JPE-28 and JPE-29) were collected at surface grade at a depth of 0-0.5 feet. As documented in **Figure 6** and on **Table 3**, the analytical testing results indicated one (1) borings (JPE-28) contained PCB (Aroclor-1248) concentrations at the limit (0.49 ppm) of the NJDEP Soil Cleanup Criteria. Based on analytical testing results, it was determined that further remediation was warranted in this area.

7.3 Soil Excavation Activities – July 2007

Additional Soil Remediation Efforts

Based on post-excavation analytical testing results from the June 2007 excavation activities, AR and BEI mobilized to the subject site on July 18, 2007 to further remediate residual PCB impacted soil in the vicinity of post excavation soil sample JPE-26. The limits of the over-excavation at JPE-26 measured 15 feet by 15 feet by 2.5 feet below original surface grade. The location, depth and extent of excavation at location JPE-26 is indicated on **Figure 7**.

A second area that required further remediation was in the vicinity of JPE-30, JPE-35 and JPE-37. The limits of the two over-excavations at this area measured 50 feet by 15 feet by 1 foot below original surface grade and 70 feet by 15 feet by 1.5 feet below original surface grade. The location, depth and extent of excavation at location JPE-30, JPE-35 and JPE-37 is indicated on **Figure 7**.

A third excavation was completed in the vicinity of soil pile sample JPE-28 to further remediate PCB contamination in that area. The limits of the excavation measured approximately 15 feet by 15 feet by 0.5 feet below surface grade. The location, depth and extent of excavation at location JPE-28 is indicated on **Figure 7**.

A total of approximately 79 cubic yards (118 tons) of soil was generated during excavation activities conducted in July 2007 (and March 2008, see **Section 7.4**) and temporarily staged to the east of the site near the commercial structure as depicted in **Figure 2** and **Figure 11**. Refer to **Section 6.0** for a detailed summary of waste disposal activities and **Appendix 4** for waste disposal manifests.

Soil Remediation Effectiveness Analysis – July 18, 2007

In order to confirm the effectiveness of additional remedial efforts in the vicinity of JPE-26, BEI collected four post-excavation sidewall samples (OE1-1 through OE1-4) at a depth of approximately 2.5-3 feet below original surface grade. An additional post-excavation soil sample

was collected from the bottom of the over-excavation area at a depth of 2.5-3 feet below original surface grade. As documented in **Figure 7** and on **Table 4**, the analytical testing results indicated that none of the post excavation samples collected in the area of former JPE-26 contained PCB concentrations above the NJDEP Soil Cleanup Criteria.

To further delineate residual PCB impacts at the location of samples JPE-30 and JPE-35 through JPE-37, BEI collected a total of seven (7) post-excavation samples. Those location, depths and analytical testing results of those samples (OE3-1 through OE3-5, OE3-B1 and OE3-B2) are indicated on **Figure 7** and **Table 4**. The analytical testing results indicated that three (3) samples (OE3-3, OE3-5 and OE3-B1) in the 12-inch excavation contained PCB concentrations (Aroclor-1248 and Aroclor-1254) above the NJDEP Soil Cleanup Criteria. All other post excavation soil sampling did not indicate PCB concentrations that exceeded the NJDEP Soil Cleanup Criteria. Based on analytical testing results, it was determined that further remediation would be required in the vicinity of OE3-3, OE3-5 and OE3-B1.

Finally, five (5) post-excavation samples (OE2-1 through OE2-4 and OE2-B) were collected to a depth of 0.5-1 foot below surface grade at the soil pile location west of the main excavation in the vicinity of sample location JPE-28 collected in June 2007. As documented in **Figure 7** and on **Table 4**, the analytical testing results indicated that no samples in this area contained PCB concentrations above the NJDEP Soil Cleanup Criteria.

7.4 Soil Excavation Activities – March 2008

Based on post-excavation analytical testing results from July 2007, AR and BEI mobilized to the subject site on March 6, 2008 to further remediate the residual PCB contamination in the vicinity of JPE-22. The extent of the excavation was 10 feet by 10 feet by 3 feet below original surface grade. The location and extent of the over-excavation activities is depicted on **Figure 8**.

An additional excavation was completed in the vicinity of previous samples OE3-3, OE3-5 and OE3-B1 to remediate and delineate the earthen roadway location. The extent of the excavation was 60 feet by 15 feet by 2 feet below original surface grade. The location and extent of the over-excavation activities is depicted on **Figure 8**.

A total of approximately 79 cubic yards (118 tons) of soil was generated during excavation activities conducted in March 2008 (and July 2007, see **Section 7.3**) and temporarily staged to the east of the site near the commercial structure as depicted in **Figure 2** and **Figure 11**. Refer to **Section 6.0** for a detailed summary of waste disposal activities and **Appendix 4** for waste disposal manifests.

Soil Remediation Effectiveness Analysis – March 6, 2008

Within the vicinity of former sample location JPE-22, four (4) post-excavation side-wall samples (OEA22-N, OEA-22-S, OEA22-E and OEA22-W) were collected at a depth of 3-3.5 feet below

original surface grade to delineate PCB contamination. A fifth post excavation soil sample (OEA22-B) was collected from the bottom of the over-excavation area. As documented in **Figure 8** and on **Table 5**, the analytical testing results indicated that no samples in this area contained PCB concentrations above the NJDEP Soil Cleanup Criteria.

To evaluate soil remediation effort in the vicinity of sample locations OE3-3, OE3-5 and OE3-B1, BEI collected three (3) post-excavation samples (OEA3/R-B, OEA3/R-W and OEA3/R-E). The location, depth and analytical testing results are presented on **Figure 8** and on **Table 5.** The analytical testing results indicated that no samples in this area contained PCB concentrations above the NJDEP Soil Cleanup Criteria.

8.0 WASTE GENERATION

Wastepile Removal – August 2006

The excavation of PCB impacted soil completed in August 2006 resulted in the generation of approximately 165 cubic yards (244 tons) of waste soil that was segregated into two (2) soil piles, based upon contaminant concentrations. All PCB impacted soil was placed on and covered in 3-mil plastic sheeting. BEI mobilized to the subject site on September 25, 2006 to collect waste characterization samples from the two soil piles cited for disposal. The larger of the two piles (approximately 129 cubic yards (193 tons)) located directly to the northeast of the excavation conducted in August 2006 (Soil Pile-1) was characterized as non-hazardous waste using one (1) composite sample (Wastepile-1) comprised of eighteen (18) grab samples obtained at various depths. The smaller pile (approximately 34 cubic yards (51 tons)) located adjacent (to the north) to the main excavation (Soil Pile-2) was characterized using one (1) composite sample (Wastepile-2) comprised of fifteen (15) grab samples obtained at various depths (**Figure 9**). Approximately 193 tons of impacted material was later removed from the site by AR for disposal as non-hazardous material at Pioneer Crossing Landfill on March 5, 2007. Approximately 51 tons of impacted material was also removed from the site by AR for disposal as hazardous material at CWM Chemical Services on March 8, 2007. Disposal manifests for this material is included in **Appendix 4**.

Wastepile Removal and Staging Area Sampling June 2007, July 2007 and March 2008

During excavation activities performed at the subject site on June 26 through June 29, 2007, July 18, 2007 and March 8, 2008 all PCB impacted soil was temporarily transferred and staged at the eastern portion of the site near the facility buildings and office (**Figure 2, Figure 10 and Figure 11**) via tri-axle dump trucks. All PCB impacted soil was placed on and covered in 3-mil plastic sheeting.

During the June 2007 excavation activities, approximately 600 cubic yards (905 tons) of impacted soil was removed from the site by AR. To ensure that all staged PCB laden soil was

effectively removed from the staging area, BEI instructed AR to scrape approximately three (3) additional inches of soil from beneath the staging area. BEI then collected five (5) post-excavation soil samples (SAPE-1 through SAPE-5) at a depth of 0.25-0.75 feet at the former staging area. As documented in **Figure 10** and on **Table 3**, the analytical testing results indicated that no samples in this area contained PCB concentrations above the NJDEP Soil Cleanup Criteria.

Following the July 2007 and March 2008 excavation activities, PCB impacted soil was again temporarily staged at the eastern portion of the site near the facility buildings and office (**Figure 2**). On March 6, 2008, AR removed 118 tons of impacted soil for disposal. BEI again instructed AR to scrape an additional three (3) additional inches of soil from beneath the staging area. BEI then collected three (3) soil samples (Staging Area-1 through Staging Area-3) at a depth of 0.25-0.75 feet at the former staging area after soil disposal activities were completed. As documented in **Figure 11** and on **Table 5**, the analytical testing results indicated that no samples in this area contained PCB concentrations above the NJDEP Soil Cleanup Criteria. Disposal manifests for this material is included in **Appendix 4**.

9.0 SUMMARY AND RECOMMENDATIONS

Based on the information obtained during the remedial activities conducted to date, the following has been determined:

1. The Site was referred to the USEPA in November 2000 by the NJDEP. The USEPA conducted a removal assessment in December 2000. During the Site investigation, approximately twenty five drums of waste chemicals and several hundred smaller containers (<55 gallons) of waste chemicals were identified on the Site. Investigation of the Site also revealed an area of PCB contaminated soil. This soil was believed to have been stockpiled from a previous clean-up. The stockpiled soil was estimated to be approximately 200 yards of material.
2. Following the investigation of the Site, the RP entered into an AOC in July 2002. The AOC included the clean-up and disposal of all waste chemicals, as well as clean-up and disposal of contaminated PCB soil.
3. According to DAI personnel, PCB contamination originated from an inadvertent surface spill of PCB laden heat transfer fluids from a five-gallon bucket in a cleared portion of the lot behind the former barn, resulting in a discharge of less than five (5) gallons of PCB containing fluids.
4. DAI contracted an excavating (name unknown) company to excavate approximately 179 cubic yards (~270 tons) of PCB impacted soil which was temporarily stockpiled near the edge of the wooded portion of the property in the previously described clearing to the west of the former barn area
5. Additional sampling conducted by the USEPA resulted in further discovery of residual PCB contamination that could partially due to the result of improper loading and removal

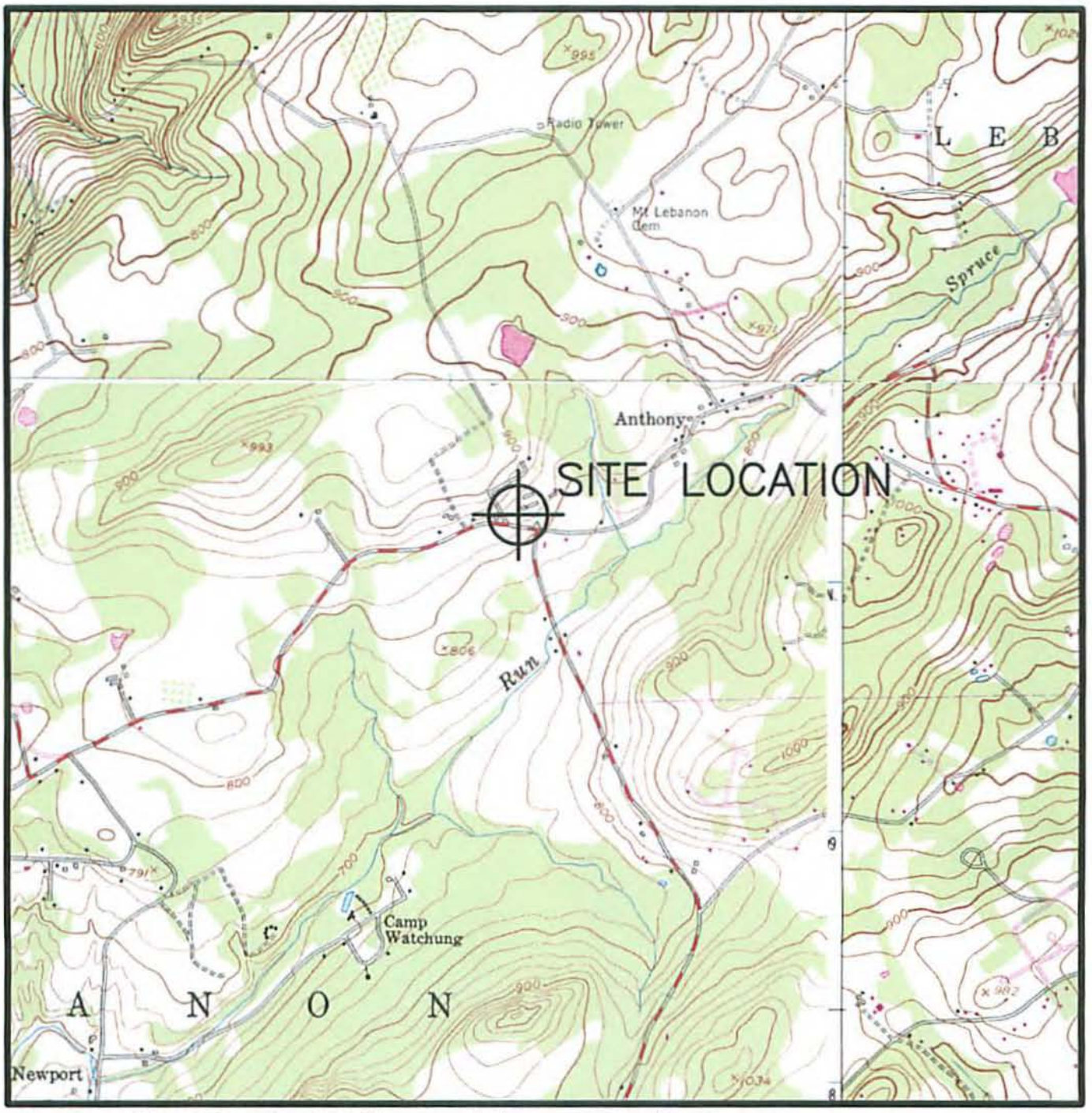
of the 179 cubic yards of stockpiled soil as well as a more extensive spill(s) than previously reported..

6. In 2004, Quest was retained by DAI to delineate the residual PCB contamination observed by the USEPA. Quest advanced a total of twenty (20) soil borings and determined that the extent of residual PCB impact was limited to an area approximately 40 feet wide by 100 feet long (approximately 4,000 square feet) and ranging in depth from 12 to 18 inches below grade. Quest calculated that approximately 165 cubic yards (~250 tons) of PCB impacted soil existed at the site.
7. In July of 2006, AR was contracted by DAI under continued directive by the USEPA to assist with remediation of residual PCB impacts previously delineated by Quest. BEI was contracted with DAI in order to assist with the evaluation of the Quest results, coordinate remedial efforts, evaluate remedial effectiveness and comply with necessary reporting requirements. BEI determined that the most effective and efficient means to remediate residual PCBs was to excavate and dispose the impacted material.
8. Upon initial consultation with AR and the USEPA, remedial efforts were initiated in the locations delineated by Quest within the southwestern area of the property. In order to assess impacted areas, BEI mobilized to the subject site in August 2006 to excavate approximately 165 cubic yards (244 tons) of PCB impacted soil. Post-excavation sampling indicated the area of PCB contamination extended beyond the limits previously quantified by Quest and further delineation and remediation was required.
9. From March 7, 2007 to April 30, 2007 BEI conducted delineation activities through the advancement of seventy- nine (79) soil borings and the collection of three hundred eight-one (381) soil samples.
10. A total of 682 cubic yards (1,023 tons) of additional PCB impacted soil was removed from the DAI site between June 26, 2007 through March 6, 2008.
11. Between August 25, 2006 and March 6, 2008, BEI collected a total of eighty-seven (87) total post-excavation soil samples to evaluate the effectiveness of remedial activities.

Based upon the results of the aforementioned remedial investigation and corrective actions conducted at the site to date, a total of 682 cubic yards (1,023 tons) of PCB impacted soil was removed from the site. Post-excavation sampling results indicate that no residual PCB concentrations exist at the site in excess of the most stringent NJDEP Soil Cleanup Criteria. Therefore, it is requested that No Further Action be granted for the subject site associated with residual PCB contamination near the former barn area.

APPENDIX 1

Figures



U.S.G.S. QUADRANGLES: HIGH BRIDGE/WASHINGTON/HACKETTSTOWN/CALIFON, N.J.
LONGITUDE: 74° 53' 23.11"
LATITUDE: 40° 44' 42.79"

FIGURE 1
SITE LOCATION MAP

0 2,000 4,000
APPROX. SCALE IN FEET

DIAMOND AEROSOL INCORPORATED
62 ANTHONY ROAD
GLEN GARDENER, LEBANON TWP, HUNTERDON COUNTY, NJ

BIRDSALL ENGINEERING, INC.
CONSULTING & ENVIRONMENTAL ENGINEERS
611 INDUSTRIAL WAY WEST - EATONTOWN - NJ - 07724
P - 732.380.1700 WWW.BIRDSALL.COM F - 732.380.1701
CERTIFICATE OF AUTHORIZATION NO. 24GA27989800

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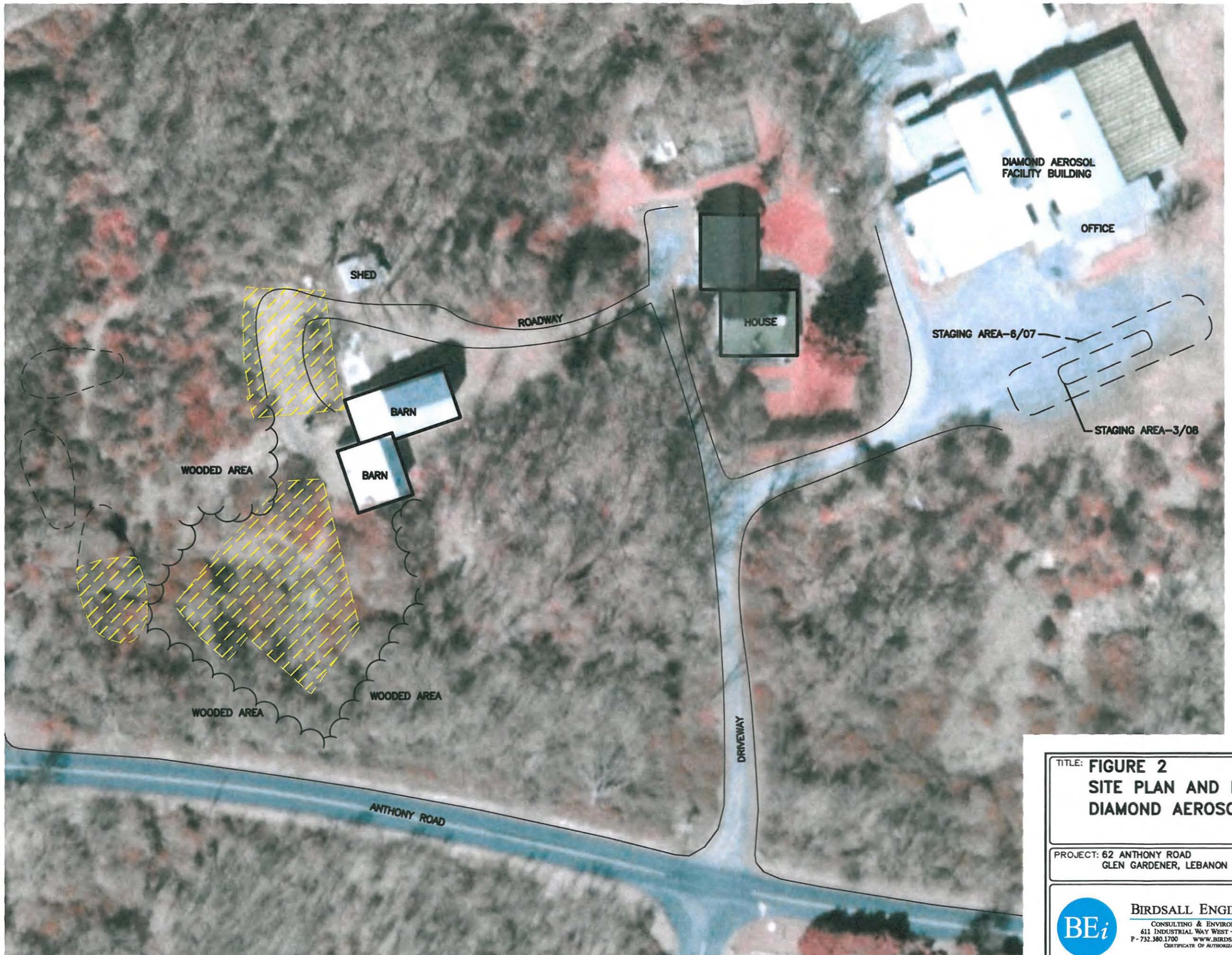

LEGEND

LIMITS OF EXCAVATIONS

STOCKPILED SOIL AREA

0 40 80

APPROX. SCALE IN FEET

TITLE: **FIGURE 2**
SITE PLAN AND EXCAVATION LOCATIONS
DIAMOND AEROSOL INCORPORATED

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

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CERTIFICATE OF AUTHORIZATION NO. 24GA27999600

Job No. 2-07809-000801
Scale: (H) 1"=40' (V)
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Designed PC
SHEET No. 2 OF 11
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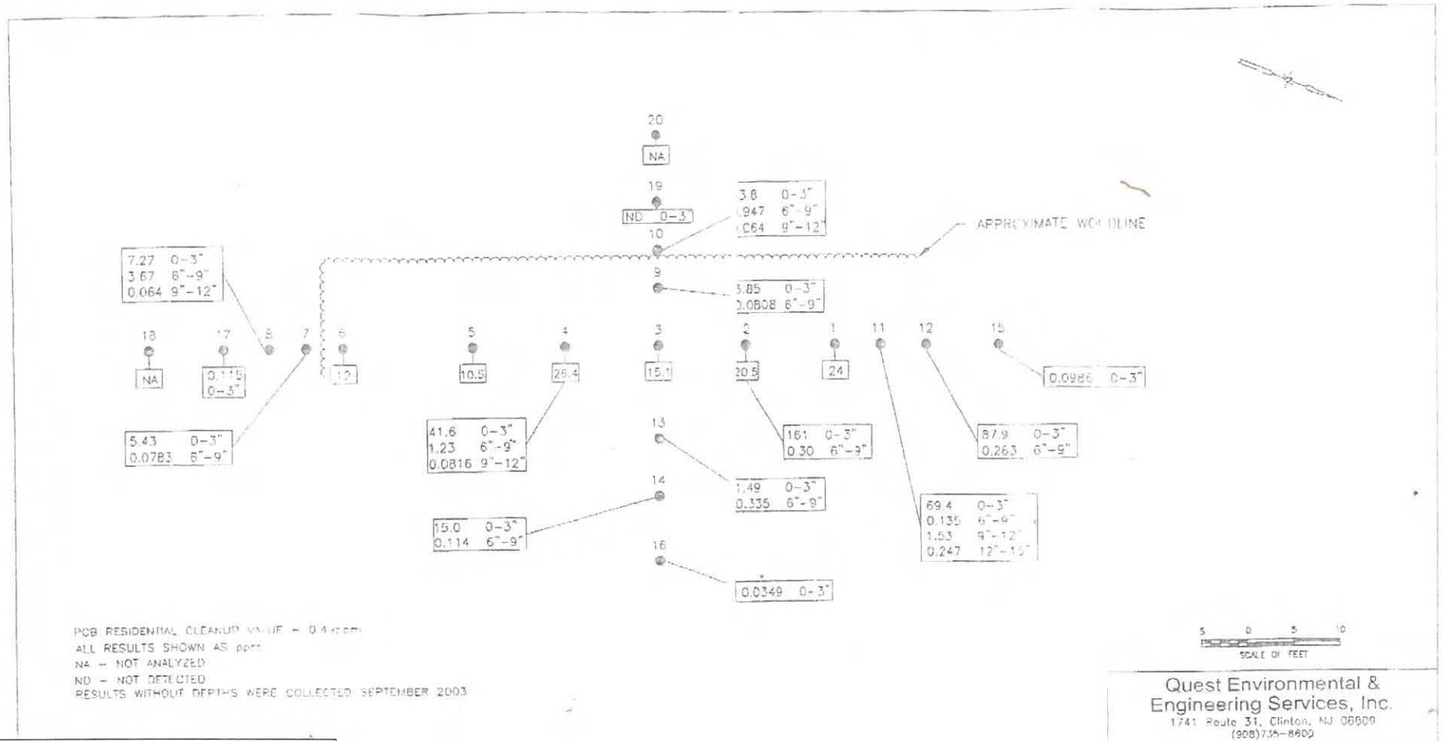


PCB RESIDENTIAL CLEANUP VALUE = 0.4 (ppm)
ALL RESULTS SHOWN AS ppm
NA = NOT ANALYZED
ND = NOT DETECTED
RESULTS WITHOUT DEPTHS WERE COLLECTED SEPTEMBER 2003

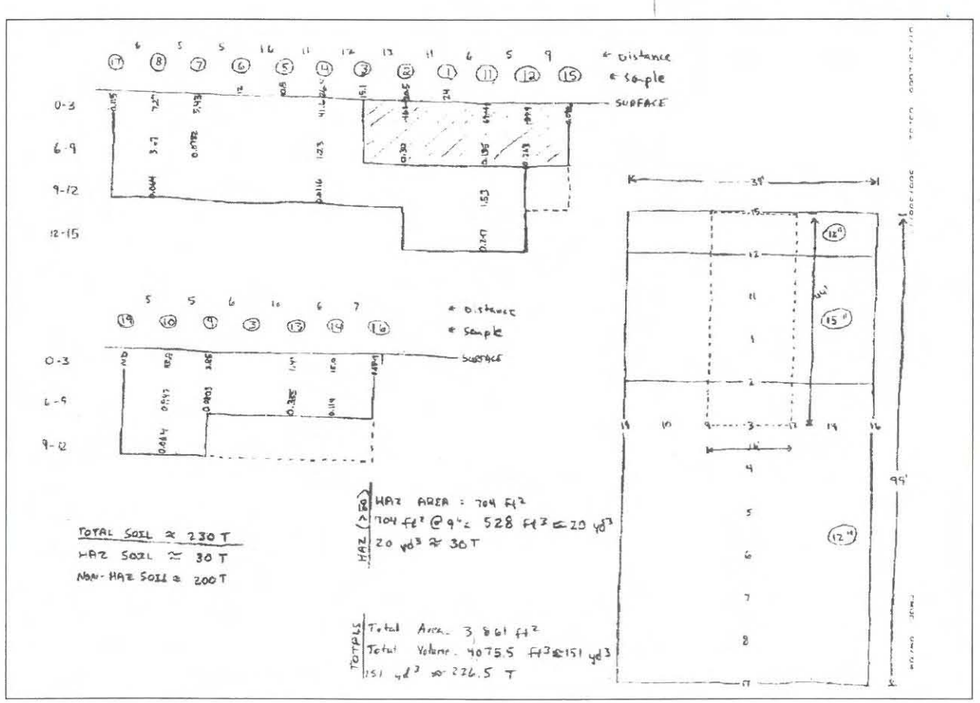
5 0 5 10
SCALE OF FEET

Quest Environmental & Engineering Services, Inc.
1741 Route 31, Clinton, NJ 08809
(908)735-8600

PCB DELINEATION DATA
DIAMOND AEROSOL SITE

62 ANTHONY ROAD
LEBANON TWP, NEW JERSEY

TILE NO.	CHK'D:	DRAWING NUMBER	REV. DATE
	ENG.	PCB DELIN. DATA	10/04/04
	APPVD.		



TITLE: **FIGURE 3**
QUEST ENVIRONMENTAL & ENGINEERING SERVICES, INC.
PCB DELINEATION DATA
DIAMOND AEROSOL INCORPORATED

PROJECT: **62 ANTHONY ROAD**
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

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CERTIFICATE OF AUTHORIZATION NO. 24GA27989900

Job No.	SHEET No.
2-07809-000801	3
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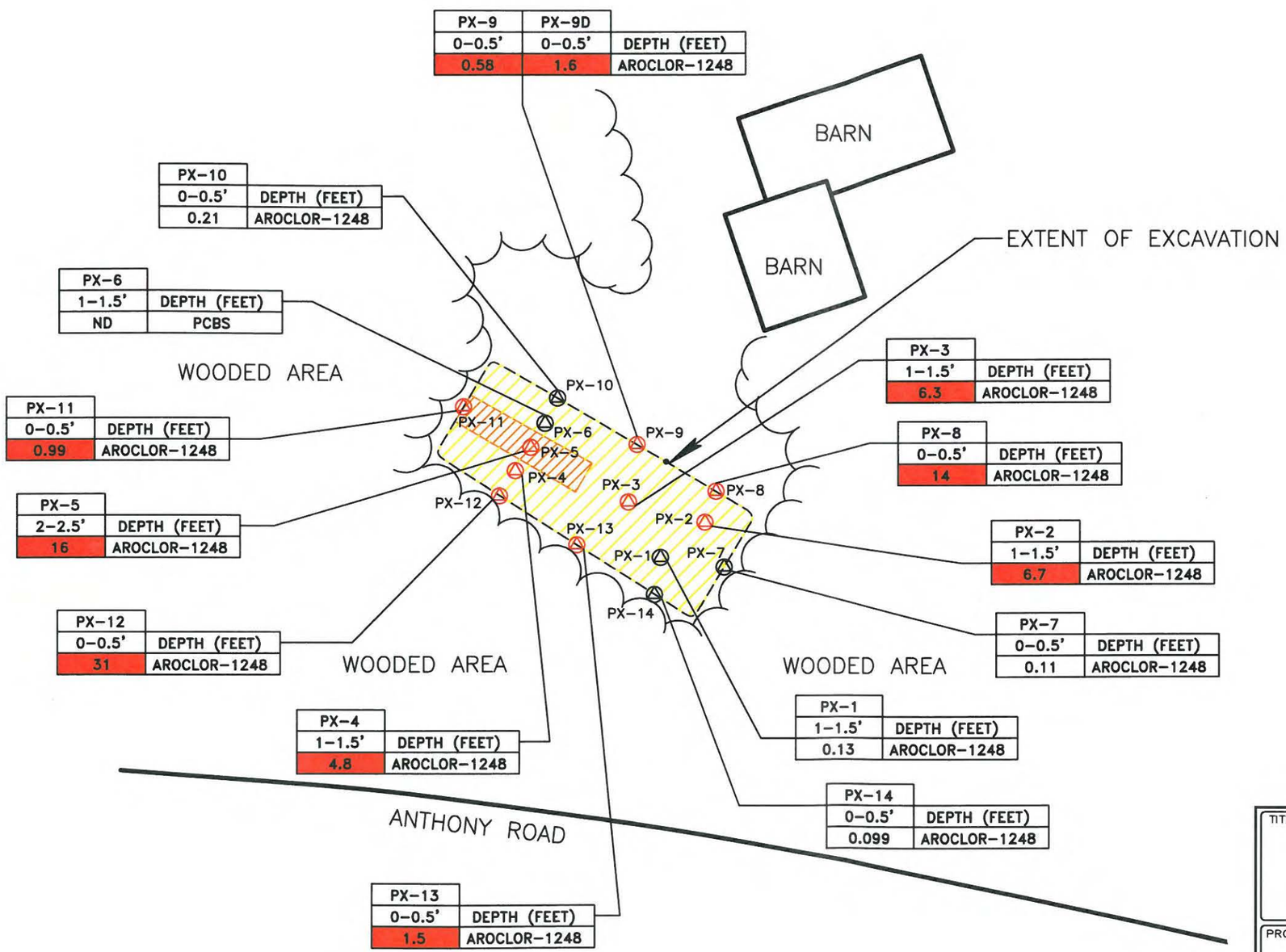

LEGEND

SOIL SAMPLE LOCATION

ALL CONCENTRATIONS REPORTED IN mg/kg (ppm)
ND – NOT DETECTED

0.99 INDICATES CONCENTRATION ABOVE MOST STRINGENT NJDEP SOIL CLEANUP CRITERIA

EXCAVATION DEPTHS
(FEET BELOW ORIGINAL SURFACE GRADE)

EXCAVATION = 12-INCH

EXCAVATION = 24-INCH

0 40 80
APPROX. SCALE IN FEET

TITLE: **FIGURE 4**
SOIL ANALYTICAL RESULTS – PCB SAMPLING
AUGUST 24, 2006 & AUGUST 25, 2006
DIAMOND AEROSOL INCORPORATED

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

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CERTIFICATE OF AUTHORIZATION NO. 24GA27998600

Job No. 2-07809-000800
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Designed PC
SHEET No. 4 OF 11
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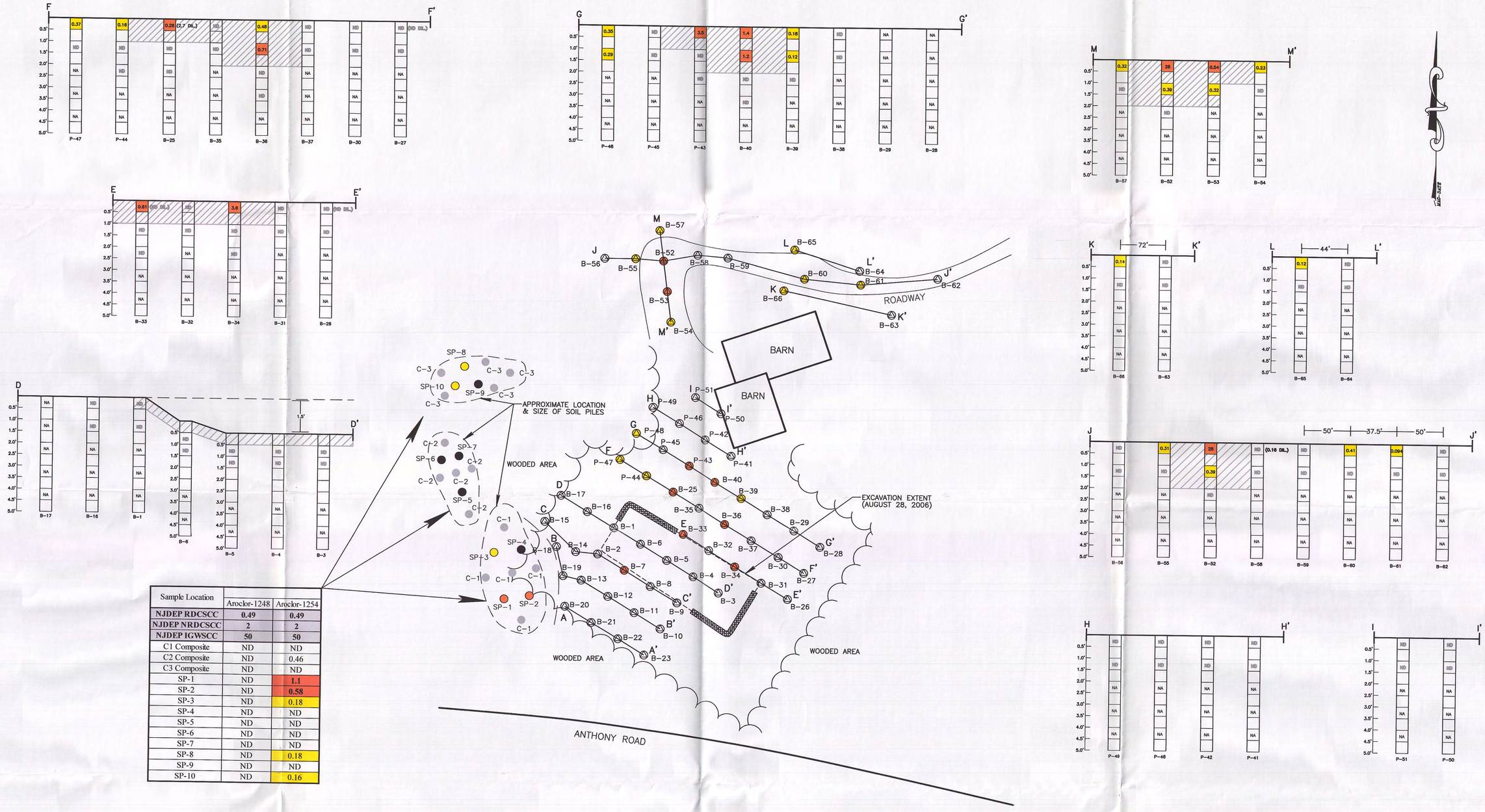

Sample Location	Aroclor-1248	Aroclor-1254
NJDEP RDCSCC	0.49	0.49
NJDEP NRDCSCC	2	2
NJDEP IGWSCC	50	50
C1 Composite	ND	ND
C2 Composite	ND	0.46
C3 Composite	ND	ND
SP-1	ND	1.1
SP-2	ND	0.58
SP-3	ND	0.18
SP-4	ND	ND
SP-5	ND	ND
SP-6	ND	ND
SP-7	ND	ND
SP-8	ND	0.18
SP-9	ND	ND
SP-10	ND	0.16

LEGEND

- SOIL SAMPLE LOCATION
- ALL CONCENTRATIONS REPORTED IN MG/KG
- ND – NOT DETECTED
- NA – NOT ANALYZED
- 28 CONCENTRATION EXCEEDS NJDEP SCC
- 0.12 COMPOUND DETECTED BELOW NJDEP SCC
- PROPOSED TO BE EXCAVATED
- INDICATES AREA IN WHICH FURTHER SITE CHARACTERIZATION SAMPLING IS NOT NECESSARY BASED UPON POST–EXCAVATION SOIL SAMPLING CONDUCTED ON AUGUST 28, 2006 WHICH INDICATES PCB CONCENTRATIONS DETECTED <0.49 PPM.

GRAPHIC SCALE

30 15 0 30 60 90

(IN FEET)
1 inch = 30 ft.

TITLE: FIGURE 5–SOIL DELINEATION EFFORTS (DIRECT PUSH) SOIL ANALYTICAL RESULTS–MARCH 7, 2007, MARCH 29, 2007 & APRIL 30, 2007 DIAMOND AEROSOL INCORPORATED

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

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CERTIFICATE OF AUTHORIZATION No. 24GA27998800

Job No. 207809000801
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Designed PAC
SHEET No. 5 OF 11
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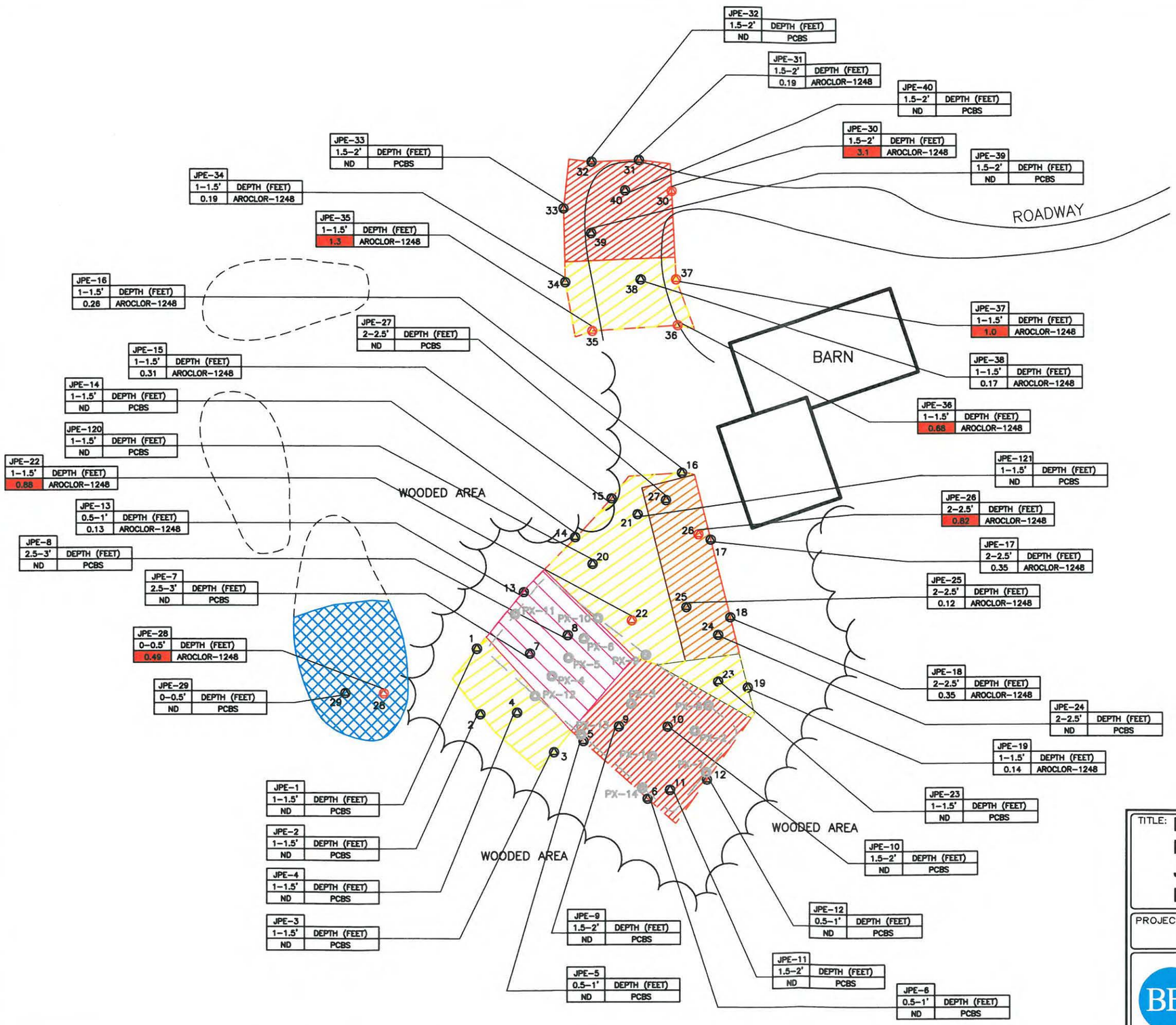

LEGEND

- POST-EXCAVATION SAMPLE LOCATION 6/07
- FORMER SOIL SAMPLE LOCATION
- ALL CONCENTRATIONS REPORTED IN MG/KG
- ND – NOT DETECTED
- 1.0 CONCENTRATION EXCEEDS NJDEP SCC

EXCAVATION DEPTHS (FEET BELOW ORIGINAL SURFACE GRADE)

- EXCAVATION = 12-INCH
- EXCAVATION = 18-INCH
- EXCAVATION = 24-INCH
- EXCAVATION = 30-INCH
- PREVIOUS EXCAVATION EXTENT

0 40 80

APPROX. SCALE IN FEET

TITLE: **FIGURE 6**
POST-EXCAVATION SOIL SAMPLE RESULTS
JUNE 26, 27, 28 & 29, 2007
DIAMOND AEROSOL INCORPORATED

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

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CERTIFICATE OF AUTHORIZATION NO. 24GA27999800

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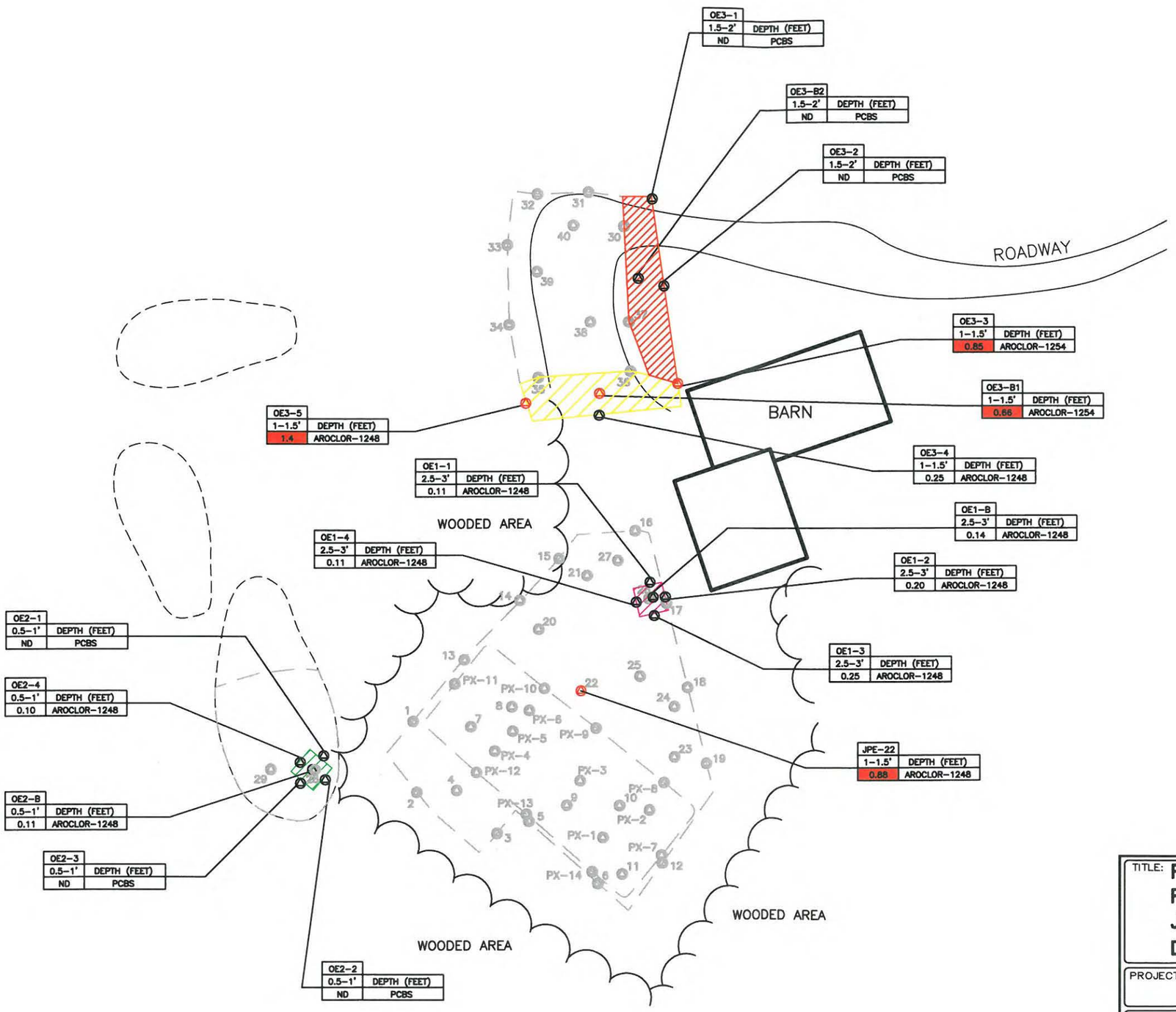

LEGEND

- POST-EXCAVATION SAMPLE LOCATION 7/18/07
- FORMER SOIL SAMPLE LOCATION
- ALL CONCENTRATIONS REPORTED IN MG/KG
- ND – NOT DETECTED
- 1.0 CONCENTRATION EXCEEDS NJDEP SCC

EXCAVATION DEPTHS (FEET BELOW ORIGINAL SURFACE GRADE)

- EXCAVATION = 6-INCH
- EXCAVATION = 12-INCH
- EXCAVATION = 18-INCH
- EXCAVATION = 30-INCH
- PREVIOUS EXCAVATION EXTENT

0 40 80

APPROX. SCALE IN FEET

TITLE: **FIGURE 7**
POST-EXCAVATION SOIL SAMPLE RESULTS
JULY 18, 2007
DIAMOND AEROSOL INCORPORATED

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

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CERTIFICATE OF AUTHORIZATION NO. 24GA27999800

Job No. 2-07809-000801
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Designed PC
SHEET No. 7 OF 11
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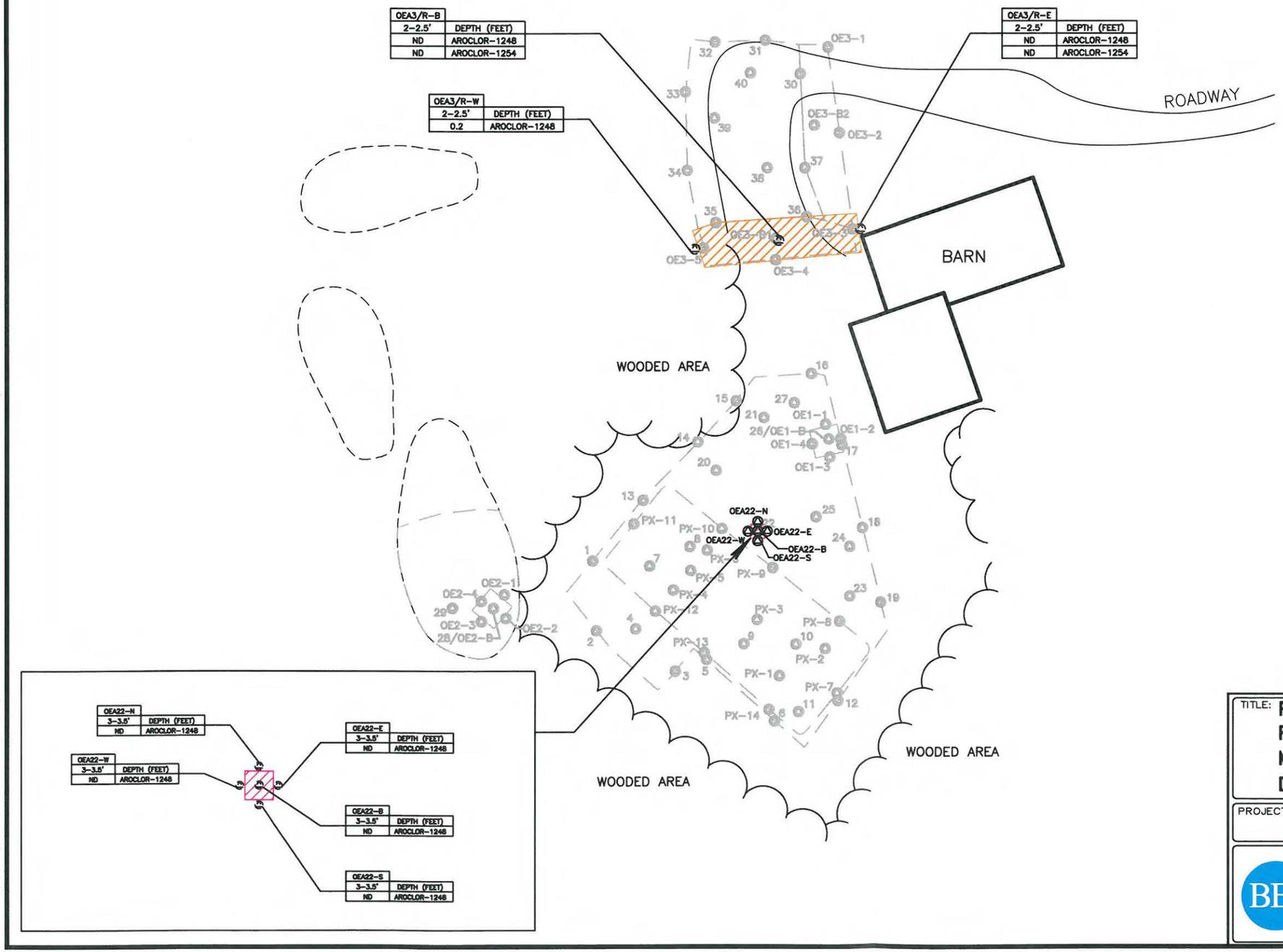

LEGEND

- POST-EXCAVATION SAMPLE LOCATION 3/6/08
- FORMER SOIL SAMPLE LOCATION
- ALL CONCENTRATIONS REPORTED IN MG/KG
- ND – NOT DETECTED

EXCAVATION DEPTHS (FEET BELOW ORIGINAL SURFACE GRADE)

- EXCAVATION = 24-INCH
- EXCAVATION = 30 INCH
- PREVIOUS EXCAVATION EXTENT

0 40 80

APPROX. SCALE IN FEET

TITLE: **FIGURE 8**
POST-EXCAVATION SOIL SAMPLE RESULTS
MARCH 6, 2008
DIAMOND AEROSOL INCORPORATED

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

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CERTIFICATE OF AUTHORIZATION NO. 24GA27989800

Job No. 2-07809-000801
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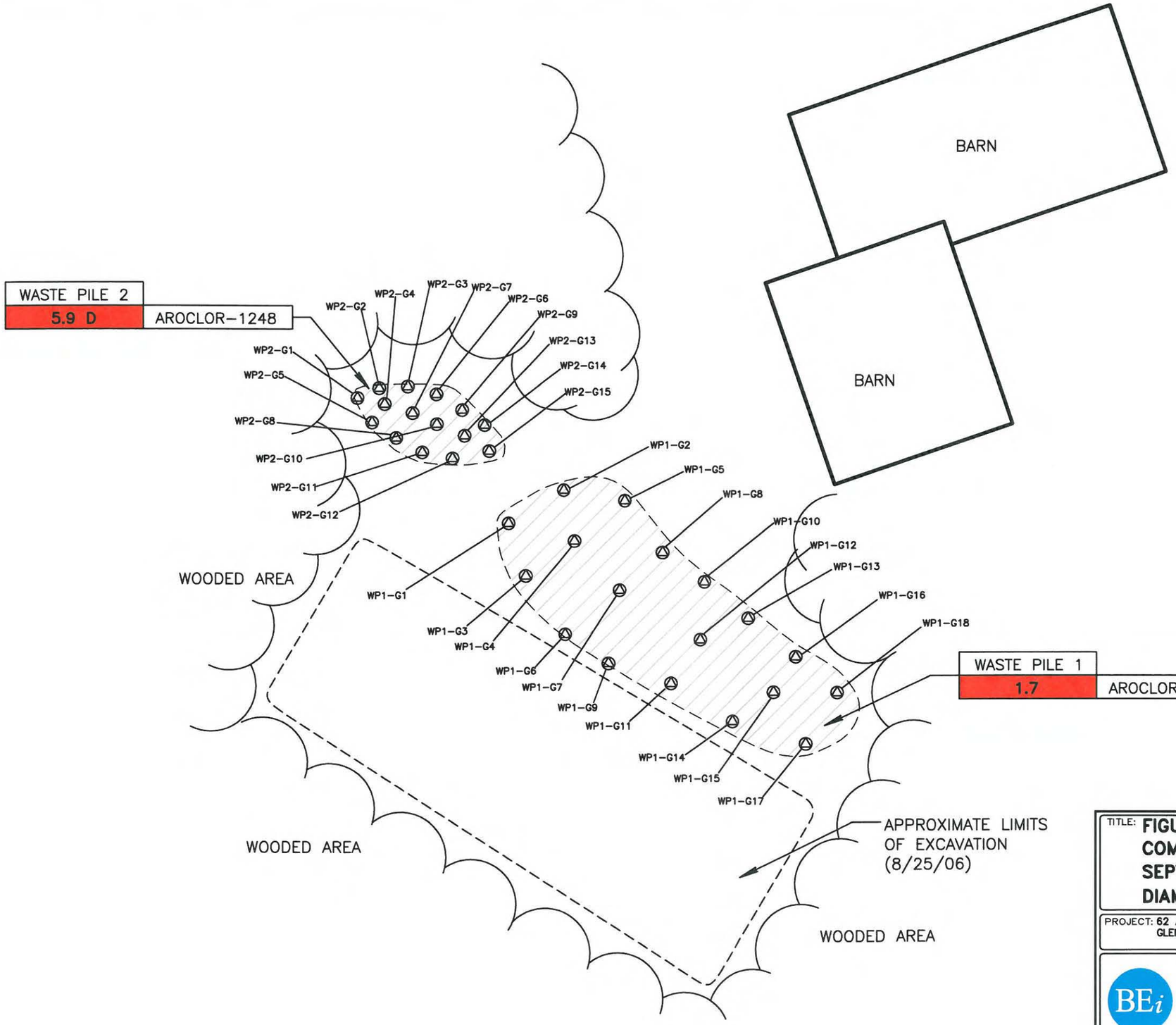

LEGEND

COMPOSITE SOIL GRAB SAMPLE LOCATION

ALL CONCENTRATIONS REPORTED IN MG/KG

1.7 CONCENTRATION EXCEEDS NJDEP SCC

0 20 40

APPROX. SCALE IN FEET

TITLE: **FIGURE 9 – STAGING AREA**
COMPOSITE SOIL GRAB–SAMPLE LOCATION PLAN
SEPTEMBER 26, 2006
DIAMOND AEROSOL INCORPORATED

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

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CONSULTING & ENVIRONMENTAL ENGINEERS
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P - 732.380.1700 WWW.BIRDSALL.COM F - 732.380.1701
CERTIFICATE OF AUTHORIZATION NO. 24GA27998600

Job No. 2-07809-000800
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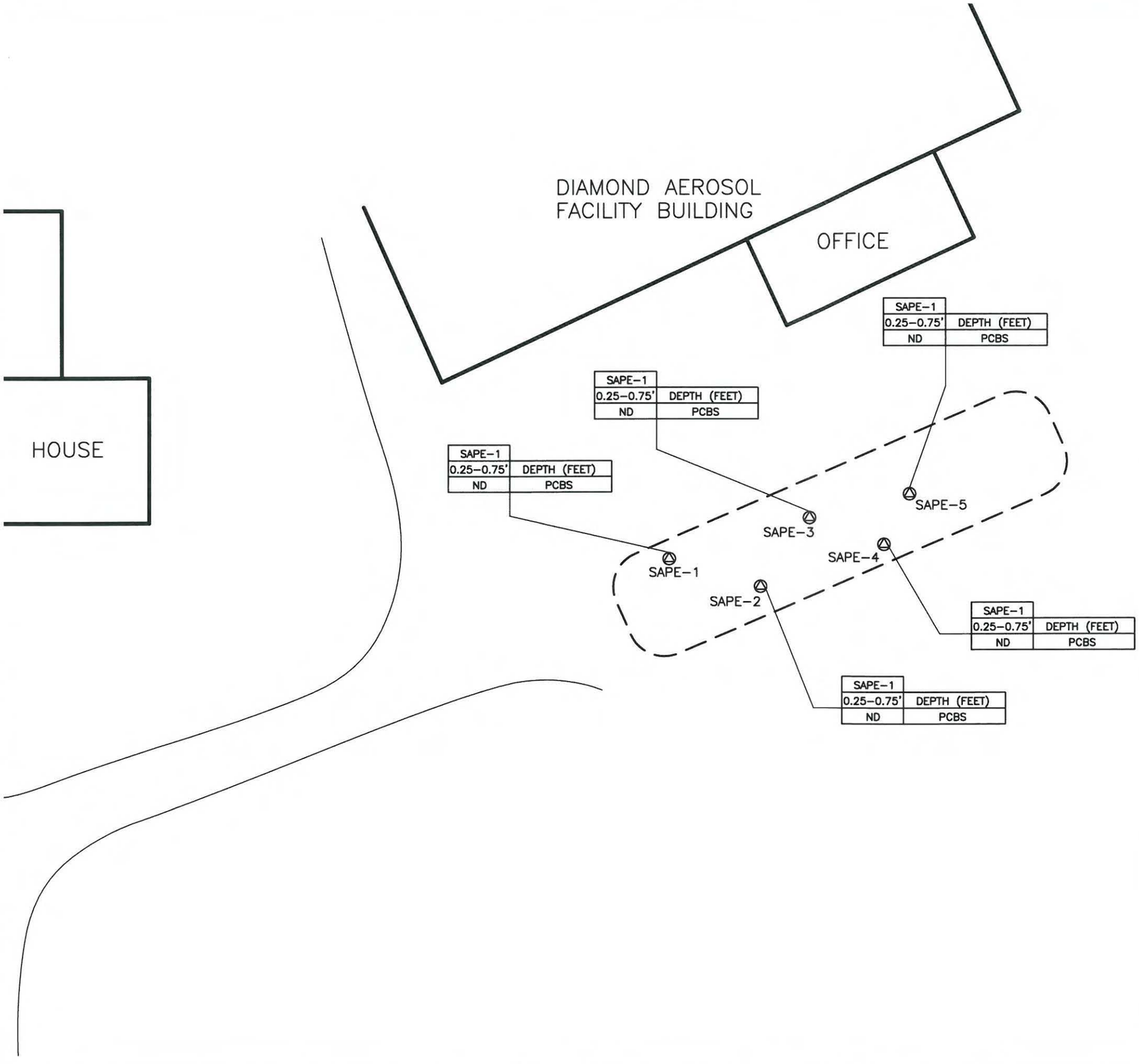
Drawn DKB
Designed PC
SHEET No. 9 OF 11
BEI Drawing Path: J:\Jobs\207809000801\DWG\REPORT_Composite Soil Pile Sampling

Plotted: 04/02/08 – 3:14 PM, By: dblume
File: J:\Jobs\207809000801\DWG\REPORT_Composite Soil Pile Sampling Locations.dwg, ---> 11x17 Line Titleblock



LEGEND

SOIL SAMPLE LOCATION

ALL CONCENTRATIONS REPORTED IN MG/KG

ND – NOT DETECTED

— — — LIMITS OF STOCKPILE AREA

0 30 60

APPROX. SCALE IN FEET

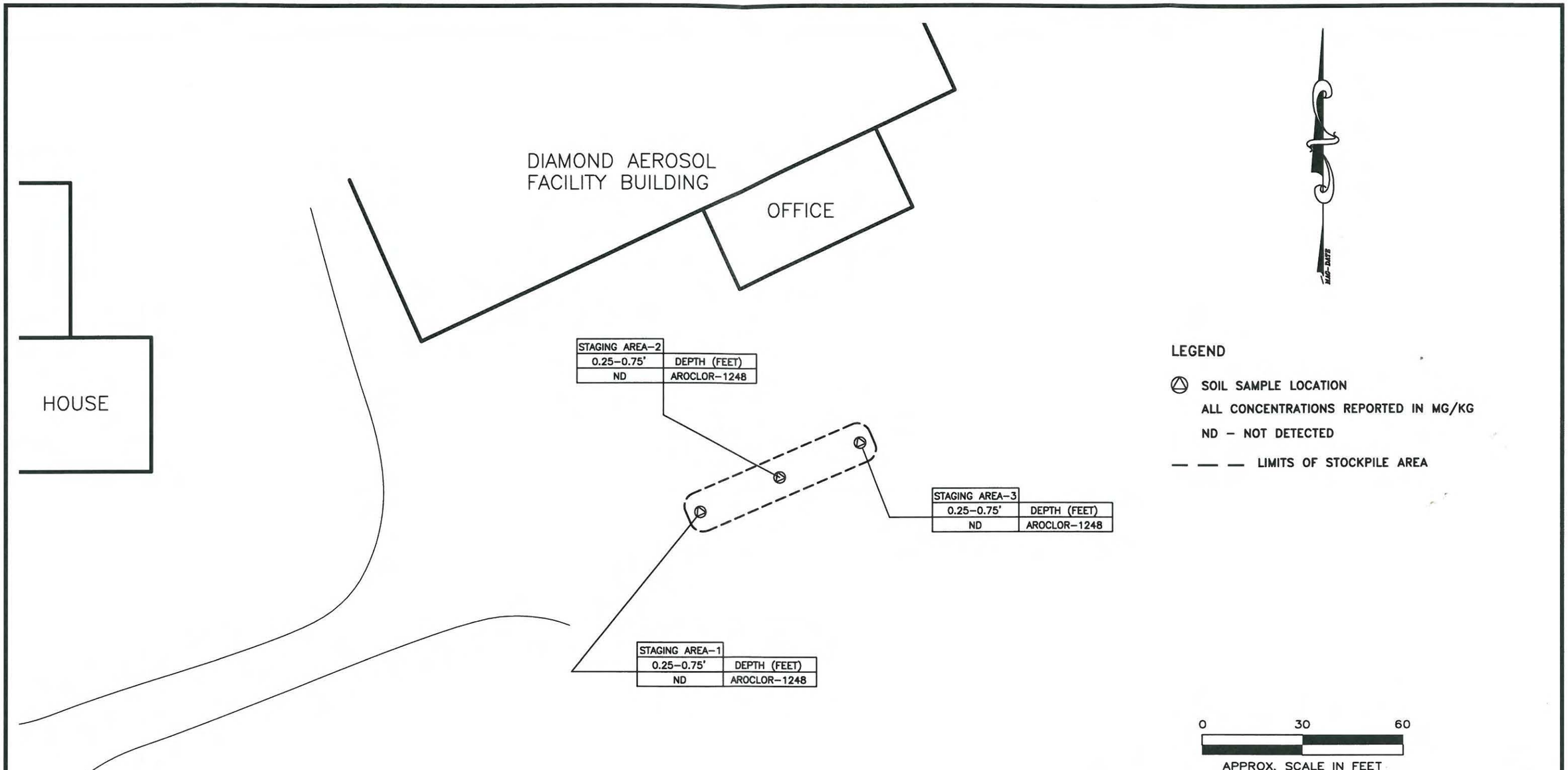
TITLE: **FIGURE 10 – POST-EXCAVATION SOIL SAMPLE RESULTS – SOIL STAGING AREA JUNE 26, 27, 28 & 29, 2007 DIAMOND AEROSOL INCORPORATED**

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

BEi
BIRDSALL ENGINEERING, INC.
CONSULTING & ENVIRONMENTAL ENGINEERS
611 INDUSTRIAL WAY WEST - EATONTOWN - NJ - 07724
P - 732.380.1700 WWW.BIRDSALL.COM F - 732.380.1701
CERTIFICATE OF AUTHORIZATION No. 24GA27999800

Job No. 2-07809-000801
Scale: (H)1"=30' (V)
Drawn PC
Designed PC
SHEET No. 10 OF 11
BEI Drawing Path: J:\Jobs\207809000801\DWG\REPORT 3-08_Excavation Results 6

Plotted: 04 /08 – 2:53 PM, By: dblume
File: J:\Jobs\207809000801\DWG\REPORT 3-08_Excavation Results 6-07.dwg ---> Staging Area 6-07



TITLE: **FIGURE 11 - POST-EXCAVATION SOIL SAMPLE RESULTS - SOIL STAGING AREA JULY 17, 2007 & MARCH 6, 2008 DIAMOND AEROSOL INCORPORATED**

PROJECT: 62 ANTHONY ROAD
GLEN GARDENER, LEBANON TOWNSHIP, HUNTERDON COUNTY, NJ

BIRDSALL ENGINEERING, INC.
CONSULTING & ENVIRONMENTAL ENGINEERS
611 INDUSTRIAL WAY WEST - EATONTOWN - NJ - 07724
P - 732.380.1700 WWW.BIRDSALL.COM F - 732.380.1701
CERTIFICATE OF AUTHORIZATION NO. 24GA27989600

Job No. 2-07809-000801
Scale: (H)1"=30' (V)
Drawn PC
Designed PC
SHEET No. 11 OF 11
BEI Drawing Path: J:\Jobs\207809000801\DWG\REPORT 3-08_Excavation Results 3-

Plotted: 04/02/08 - 3:16 PM, By: dblume
File: J:\Jobs\207809000801\DWG\REPORT 3-08_Excavation Results 3-08.dwg, ----> Staging Area 3-08

APPENDIX 2

Tables

TABLE 1
POST-EXCAVATION SOIL ANALYTICAL RESULTS
August 25, 2006

Diamond Aerosol Incorporated
Glen Gardener, Lebanon Township, Hunterdon County, NJ

Sample Location	Sample Depth (feet below original ground	Polychlorinated Biphenyls (PCBs)						
		Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
NJDEP RDCSCC		**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**
NJDEP NRDCSCC		**2**	**2**	**2**	**2**	**2**	**2**	**2**
NJDEP IGWSCC		**50**	**50**	**50**	**50**	**50**	**50**	**50**
PX-1	1-1.5'	ND	ND	ND	ND	0.13	ND	ND
PX-2	1-1.5'	ND	ND	ND	ND	**4.5 E**	ND	ND
PX-2 (Dil)	1-1.5'	ND	ND	ND	ND	**6.7 D**	ND	ND
PX-3	1-1.5'	ND	ND	ND	ND	**4.5 E**	ND	ND
PX-3 (Dil)	1-1.5'	ND	ND	ND	ND	**6.3 D**	ND	ND
PX-4	1-1.5'	ND	ND	ND	ND	**3.2 E**	ND	ND
PX-4 (Dil)	1.5-2'	ND	ND	ND	ND	**4.8 D**	ND	ND
PX-5	2-2.5	ND	ND	ND	ND	**9.8 E**	ND	ND
PX-5 (Dil)	2-2.5	ND	ND	ND	ND	**16 D**	ND	ND
PX-6	1-1.5'	ND	ND	ND	ND	ND	ND	ND
PX-7	0-0.5'	ND	ND	ND	ND	0.11	ND	ND
PX-8	0-0.5'	ND	ND	ND	ND	**8.8 E**	ND	ND
PX-8 (Dil)	0-0.5'	ND	ND	ND	ND	**14 D**	ND	ND
PX-9	0-0.5'	ND	ND	ND	ND	**0.58**	ND	ND
PX-9D	0-0.5'	ND	ND	ND	ND	**1.6**	ND	ND
PX-10	0-0.5'	ND	ND	ND	ND	0.21 P	ND	ND
PX-11	0-0.5'	ND	ND	ND	ND	**0.99**	ND	ND
PX-12	0-0.5'	ND	ND	ND	ND	**17 E**	ND	ND
PX-12 (Dil)	0-0.5'	ND	ND	ND	ND	**31 D**	ND	ND
PX-13	0-0.5'	ND	ND	ND	ND	**1.5**	ND	ND
PX-14	0-0.5'	ND	ND	ND	ND	0.099 P	ND	ND

Notes:
1. All concentrations reported in mg/kg (ppm).
2. ND - Not Detected above the Laboratory Method Detection Limit.
3. E - Concentration exceeds calibration range of GC/MS instrument.
4. D - Compound identified in analysis at secondary dilution factor.
5. P - Indicates there is greater than 25% difference for detected concentrations between the two GC columns. Lower value is reported.
6. RDCSCC - Residential Direct Contact Soil Cleanup Criteria
7. NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria
8. IGWSCC - Impact to Ground Water Soil Cleanup Criteria

TABLE 2
SOIL ANALYTICAL RESULTS
March 7, 2007, March 29, 2007 and April 30, 2007

Diamond Aerosol Incorporated
Glen Gardener, Lebanon Township, Hunterdon County, NJ

Sample Location	Sample Depth (feet below original ground	Polychlorinated Biphenyls (PCBs)								
		Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
NJDEP RDCSCC		**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**
NJDEP NRDCSCC		**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
NJDEP IGWSCC		**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**
B-1	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-3	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-4	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-5	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-7	0-0.5'	ND	ND	ND	ND	**10**	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-8	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-9	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-10	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-11	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-11D	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-12	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-12D	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-13	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-3.5'	NR	NR	NR	NR	NR	NR	NR	NR	NR
B-14	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-16	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-18	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-19	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-20	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-20D	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-25	0-0.5'	ND	ND	ND	ND	0.26	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-25D	0-0.5'	ND	ND	ND	ND	**2.7**	ND	ND	ND	ND
B-26	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-26D	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-27	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-27D	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-30	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2
SOIL ANALYTICAL RESULTS
March 7, 2007, March 29, 2007 and April 30, 2007

Diamond Aerosol Incorporated
Glen Gardener, Lebanon Township, Hunterdon County, NJ

Sample Location	Sample Depth (feet below original ground	Polychlorinated Biphenyls (PCBs)								
		Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
NJDEP RDCSCC		**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**
NJDEP NRDCSCC		**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
NJDEP IGWSCC		**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**
B-31	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-32	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-33	0-0.5'	ND	ND	ND	ND	**0.61**	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-33D	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-34	0-0.5'	ND	ND	ND	ND	**3.6**	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-35	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-36	0-0.5'	ND	ND	ND	ND	0.48	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	**0.71**	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-3.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-37	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-38	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-39	0-0.5'	ND	ND	ND	ND	0.18	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	0.12	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-40	0-0.5'	ND	ND	ND	ND	**1.4**	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	**1.2**	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-3.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-41	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-42	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-43	0-0.5'	ND	ND	ND	ND	**3.5**	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-44	0-0.5'	ND	ND	ND	ND	0.16	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-45	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-46	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-47	0-0.5'	ND	ND	ND	ND	0.37	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-48	0-0.5'	ND	ND	ND	ND	ND	0.35	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	0.29	ND	ND	ND
P-49	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-50	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-51	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3
POST-EXCAVATION SOIL ANALYTICAL RESULTS
JUNE 26, 27, 28 & 29, 2007

Diamond Aerosol Incorporated
Glen Gardener, Lebanon Township, Hunterdon County, NJ

Sample Location	Sample Depth (feet below original ground surface)	Polychlorinated Biphenyls (PCBs)								
		Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
NJDEP RDCSCC		**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**
NJDEP NRDCSCC		**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
NJDEP IGWSCC		**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**
JPE-1	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-2	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-3	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-4	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-5	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-6	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-7	2.5-3'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-8	2.5-3'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-9	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-10	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-11	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-12	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-13	0.5-1'	ND	ND	ND	ND	0.13	ND	ND	ND	ND
JPE-14	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-15	1-1.5'	ND	ND	ND	ND	0.31	ND	ND	ND	ND
JPE-16	1-1.5'	ND	ND	ND	ND	0.26	ND	ND	ND	ND
JPE-17	2-2.5'	ND	ND	ND	ND	0.35	ND	ND	ND	ND
JPE-18	2-2.5'	ND	ND	ND	ND	0.23	ND	ND	ND	ND
JPE-19	1-1.5'	ND	ND	ND	ND	0.14	ND	ND	ND	ND
JPE-20	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-21	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-22	1-1.5'	ND	ND	ND	ND	**0.88**	ND	ND	ND	ND
JPE-23	1-1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-24	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-25	2-2.5'	ND	ND	ND	ND	0.12	ND	ND	ND	ND
JPE-26	2-2.5'	ND	ND	ND	ND	**0.82**	ND	ND	ND	ND
JPE-27	2-2.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-28	0-0.5'	ND	ND	ND	ND	**0.49**	ND	ND	ND	ND
JPE-29	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-30	1.5-2'	ND	ND	ND	ND	**3.1**	ND	ND	ND	ND
JPE-31	1.5-2'	ND	ND	ND	ND	0.19	ND	ND	ND	ND
JPE-32	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-33	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-34	1-1.5'	ND	ND	ND	ND	0.19	ND	ND	ND	ND
JPE-35	1-1.5'	ND	ND	ND	ND	**1.3**	ND	ND	ND	ND
JPE-36	1-1.5'	ND	ND	ND	ND	**0.68**	ND	ND	ND	ND
JPE-37	1-1.5'	ND	ND	ND	ND	**1.0**	ND	ND	ND	ND
JPE-38	1-1.5'	ND	ND	ND	ND	**0.17**	ND	ND	ND	ND
JPE-39	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
JPE-40	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
SAPE-1	0.25-0.75'	ND	ND	ND	ND	ND	ND	ND	ND	ND
SAPE-2	0.25-0.75'	ND	ND	ND	ND	ND	ND	ND	ND	ND
SAPE-3	0.25-0.75'	ND	ND	ND	ND	ND	ND	ND	ND	ND
SAPE-4	0.25-0.75'	ND	ND	ND	ND	ND	ND	ND	ND	ND
SAPE-5	0.25-0.75'	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. All concentrations reported in mg/kg (ppm).
2. ND - Not Detected above the Laboratory Method Detection Limit.
3. RDCSCC - Residential Direct Contact Soil Cleanup Criteria
4. NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria
5. IGWSCC - Impact to Ground Water Soil Cleanup Criteria

TABLE 4
POST-EXCAVATION SOIL ANALYTICAL RESULTS
July 18, 2007

Diamond Aerosol Incorporated
Glen Gardener, Lebanon Township, Hunterdon County, NJ

Sample Location	Sample Depth (feet below original ground surface)	Polychlorinated Biphenyls (PCBs)								
		Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
NJDEP RDCSCC		**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**	**0.49**
NJDEP NRDCSCC		**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
NJDEP IGWSCC		**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**	**50**
OE1-1	2.5-3'	ND	ND	ND	ND	0.11	ND	ND	ND	ND
OE1-2	2.5-3'	ND	ND	ND	ND	0.20	ND	ND	ND	ND
OE1-3	2.5-3'	ND	ND	ND	ND	0.25	ND	ND	ND	ND
OE1-4	2.5-3'	ND	ND	ND	ND	0.11	ND	ND	ND	ND
OE1-B	2.5-3'	ND	ND	ND	ND	0.14	ND	ND	ND	ND
OE2-1	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
OE2-2	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
OE2-3	0.5-1'	ND	ND	ND	ND	ND	ND	ND	ND	ND
OE2-4	0.5-1'	ND	ND	ND	ND	0.10	ND	ND	ND	ND
OE2-B	0.5-1'	ND	ND	ND	ND	0.11	ND	ND	ND	ND
OE3-1	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
OE3-2	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND
OE3-3	1-1.5'	ND	ND	ND	ND	ND	**0.85**	ND	ND	ND
OE3-4	1-1.5'	ND	ND	ND	ND	0.25	ND	ND	ND	ND
OE3-5	1-1.5'	ND	ND	ND	ND	**1.4**	ND	ND	ND	ND
OE3-B1	1-1.5'	ND	ND	ND	ND	ND	**0.66**	ND	ND	ND
OE3-B2	1.5-2'	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. All concentrations reported in mg/kg (ppm).
2. ND - Not Detected above the Laboratory Method Detection Limit.
3. RDCSCC - Residential Direct Contact Soil Cleanup Criteria
4. NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria
5. IGWSCC - Impact to Ground Water Soil Cleanup Criteria

TABLE 5
POST-EXCAVATION SOIL ANALYTICAL RESULTS
March 6, 2008

Diamond Aerosol Incorporated
Glen Gardener, Lebanon Township, Hunterdon County, NJ

Sample Location	Sample Depth (feet below original ground surface)	Aroclor-1248	Aroclor-1254
NJDEP RDCSCC		**0.49**	**0.49**
NJDEP NRDCSCC		**2**	**2**
NJDEP IGWSCC		**50**	**50**
OEA22-N	3-3.5'	ND	ANR
OEA22-E	3-3.5'	ND	ANR
OEA22-S	3-3.5'	ND	ANR
OEA22-W	3-3.5'	ND	ANR
OEA22-B	3-3.5'	ND	ANR
OEA3/R-W	2-2.5'	0.2	ANR
OEA3/R-E	2-2.5'	ND	ND
OEA3/R-B	2-2.5'	ND	ND
Staging Area-1	0.25-0.75'	ND	ANR
Staging Area-2	0.25-0.75'	ND	ANR
Staging Area-3	0.25-0.75'	ND	ANR

Notes:
1. All concentrations reported in mg/kg (ppm).
2. ND - Not Detected above the Laboratory Method Detection Limit.
3. ANR - Analysis Not Run for indicated parameter.
4. RDCSCC - Residential Direct Contact Soil Cleanup Criteria
5. NRDCSCC - Non-Residential Direct Contact Soil Cleanup Criteria
6. IGWSCC - Impact to Ground Water Soil Cleanup Criteria

APPENDIX 3

Quest Environmental Laboratory Results and Disposal/Waste Manifests

ANALYTICAL RESULTS

PCBs in Soil

NJDEP REDUCED DELIVERABLES FORMAT

Quest Environmental

PROJECT: Diamond

Reviewed By: _____ Date: 9/2/07

Brian Wood , QA Director

THIS REPORT CONTAINS 127 PAGES

SAMPLE LOCATION AND IDENTIFICATION

PCBS

Client Sample Number	APL Sample Number	Matrix
RS-8I	24081529-1	Soil
RS-10D	24081529-2	Soil
11D1	24081529-3	Soil
17S	24081529-4	Soil
19S	24081529-5	Soil
Field Blank	24081529-6	Soil

APL
AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

1275 BLOOMFIELD AVENUE • BUILDING 6
FAIRFIELD, NEW JERSEY 07004

TEL: 973.227.0422
FAX: 973.227.2813
www.aquaprotechlabs.com

CONTAMINATION LEVEL
☐ HIGH ☐ MEDIUM ☐ LOW

CUSTOMER:	SEND REPORT TO:
ADDRESS:	ADDRESS:
PHONE:	PHONE:
FAX:	FAX:
PROJECT NAME:	SEND INVOICE TO:
PROJECT MGR:	ADDRESS:
P.O. NUMBER	SAMPLED BY:

CHAIN OF CUSTODY

PAGE ___ OF ___

TURNAROUND TIME
☐ APL STANDARD is 2 weeks
☐ RUSH turnaround available upon request and lab approval _____

REPORT FORMAT
☐ RESULTS ONLY
☐ NJ DEP REDUCED DELIVERABLES
☐ NJ DEP FULL DELIVERABLES
☐ ELECTRONIC DATA DELIVERY
SRP# _____
☐ STATE FORMS NEEDED

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE P - POOL L - LAKE

APL LAB ID#	SAMPLE SOURCE: FIELD ID	DATE	TIME	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX	NO. OF BOTTLES	PRESERVATIVE	ANALYSIS REQUESTED

RELINQUISHED BY (Print)	DATE : :	RECEIVED BY (Print)	DATE : :
Signature/Agent of:	Time : AM PM	*Signature/Agent of:*	Time : AM PM
RELINQUISHED BY (Print)	DATE : :	RECEIVED BY (Print)	DATE : :
Signature/Agent of:	Time : AM PM	*Signature/Agent of:*	Time : AM PM
RELINQUISHED BY (Print)	DATE : :	RECEIVED BY (Print)	DATE : :
Signature/Agent of:	Time : AM PM	*Signature/Agent of:*	Time : AM PM

COMMENTS/SPECIAL INSTRUCTIONS

Cooler Temp. upon receipt at lab _____

CERTIFICATIONS: NELAP (National Environmental Laboratory Accredation Program) NJDEP #07010 NYDOH #11634 CTPH #0233 US ARMY

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for your sample

APL
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FAIRFIELD, NEW JERSEY 07004

TEL: 973.227.0422
FAX: 973.227.2813
www.aquaprotechlabs.com

CONTAMINATION LEVEL
☐ HIGH ☐ MEDIUM ☐ LOW

CUSTOMER:	SEND REPORT TO:
ADDRESS:	ADDRESS:
PHONE:	PHONE:
FAX:	FAX:
PROJECT NAME:	SEND INVOICE TO:
PROJECT MGR:	ADDRESS:
P.O. NUMBER	SAMPLED BY:

CHAIN OF CUSTODY

PAGE ___ OF ___

TURNAROUND TIME
☐ APL STANDARD is 2 weeks
☐ RUSH turnaround available upon request and lab approval _____

REPORT FORMAT
☐ RESULTS ONLY
☐ NJ DEP REDUCED DELIVERABLES
☐ NJ DEP FULL DELIVERABLES
☐ ELECTRONIC DATA DELIVERY
SRP# _____
☐ STATE FORMS NEEDED

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE P - POOL L - LAKE

APL LAB ID#	SAMPLE SOURCE: FIELD ID	DATE	TIME	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX	NO. OF BOTTLES	PRESERVATIVE	ANALYSIS REQUESTED

RELINQUISHED BY (Print) DATE : :	RECEIVED BY (Print) DATE : :
Signature/Agent of: Time : AM PM	*Signature/Agent of:* Time : AM PM
RELINQUISHED BY (Print) DATE : :	RECEIVED BY (Print) DATE : :
Signature/Agent of: Time : AM PM	*Signature/Agent of:* Time : AM PM
RELINQUISHED BY (Print) DATE : :	RECEIVED BY (Print) DATE : :
Signature/Agent of: Time : AM PM	*Signature/Agent of:* Time : AM PM

COMMENTS/SPECIAL INSTRUCTIONS

Cooler Temp. upon receipt at lab _____

CERTIFICATIONS: NELAP (National Environmental Laboratory Accredation Program) NJDEP #07010 NYDOH #11634 CTPH #0233 US ARMY

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for your sample

LABORATORY CHRONICLE

PCBS IN SOIL

	Date	Performed By
Sample Collection	8/25/04	Client
Receipt / Refrigeration	8/26/04	Valencia

Sample Number:	% Solids Date	% Solids Performed By	Extraction Date:	Extraction Performed By:	GC Analysis Date:	Analysis Performed By:
24081529-1	8/27/04	McBride	8/27/04	Santos	8/30/04	Lipala
24081529-2	8/27/04	McBride	8/27/04	Santos	8/30/04	Lipala
24081529-3	8/27/04	McBride	8/27/04	Santos	8/30/04	Lipala
24081529-4	8/27/04	McBride	8/27/04	Santos	8/30/04	Lipala
24081529-5	8/27/04	McBride	8/27/04	Santos	8/30/04	Lipala
24081529-6	8/27/04	McBride	8/27/04	Santos	9/1/04	Lipala

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Quest Environmental	**Lab Sample ID:**	24081529-1
Project:	Diamond	**GC Run ID:**	GC27977, GC27984
Sample ID:	RS - 8I	**Extraction Date:**	8/27/04
Date Sampled:	8/25/04	**Sample Wt /Vol:**	30 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	22%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	4.56	42.5	U	8/30/04	1
Aroclor 1221	ND	5.75	42.5	U	8/30/04	1
Aroclor 1232	ND	6.77	42.5	U	8/30/04	1
Aroclor 1242	ND	3.13	42.5	U	8/30/04	1
Aroclor 1248	3760	43.2	851	D	8/30/04	20
Aroclor 1254	ND	4.81	42.5	U	8/30/04	1
Aroclor 1260	ND	4.62	42.5	U	8/30/04	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Quest Environmental	**Lab Sample ID:**	24081529-2
Project:	Diamond	**GC Run ID:**	GC27978
Sample ID:	RS-10 D	**Extraction Date:**	8/27/04
Date Sampled:	8/25/04	**Sample Wt /Vol:**	30 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	18%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	4.31	40.1	U	8/30/04	1
Aroclor 1221	ND	5.43	40.1	U	8/30/04	1
Aroclor 1232	ND	6.39	40.1	U	8/30/04	1
Aroclor 1242	ND	2.95	40.1	U	8/30/04	1
Aroclor 1248	64.1	2.04	40.1		8/30/04	1
Aroclor 1254	ND	4.54	40.1	U	8/30/04	1
Aroclor 1260	ND	4.36	40.1	U	8/30/04	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES

Fairfield, NJ

PCB ANALYTICAL REPORT

Method 8082 S

Client:	Quest Environmental	**Lab Sample ID:**	24081529-3
Project:	Diamond	**GC Run ID:**	GC27979
Sample ID:	11 D 1	**Extraction Date:**	8/27/04
Date Sampled:	8/25/04	**Sample Wt /Vol:**	30 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	16%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	4.24	39.5	U	8/30/04	1
Aroclor 1221	ND	5.34	39.5	U	8/30/04	1
Aroclor 1232	ND	6.28	39.5	U	8/30/04	1
Aroclor 1242	ND	2.9	39.5	U	8/30/04	1
Aroclor 1248	247	2	39.5		8/30/04	1
Aroclor 1254	ND	4.47	39.5	U	8/30/04	1
Aroclor 1260	ND	4.29	39.5	U	8/30/04	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Quest Environmental	**Lab Sample ID:**	24081529-4
Project:	Diamond	**GC Run ID:**	GC27980
Sample ID:	17 S	**Extraction Date:**	8/27/04
Date Sampled:	8/25/04	**Sample Wt /Vol:**	30 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	51%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	7.29	67.9	U	8/30/04	1
Aroclor 1221	ND	9.18	67.9	U	8/30/04	1
Aroclor 1232	ND	10.8	67.9	U	8/30/04	1
Aroclor 1242	ND	4.99	67.9	U	8/30/04	1
Aroclor 1248	115	3.45	67.9		8/30/04	1
Aroclor 1254	ND	7.68	67.9	U	8/30/04	1
Aroclor 1260	ND	7.37	67.9	U	8/30/04	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Quest Environmental	**Lab Sample ID:**	24081529-5
Project:	Diamond	**GC Run ID:**	GC27981
Sample ID:	19 S	**Extraction Date:**	8/27/04
Date Sampled:	8/25/04	**Sample Wt /Vol:**	30 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	22%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	4.51	42	U	8/30/04	1
Aroclor 1221	ND	5.69	42	U	8/30/04	1
Aroclor 1232	ND	6.69	42	U	8/30/04	1
Aroclor 1242	ND	3.09	42	U	8/30/04	1
Aroclor 1248	ND	2.13	42	U	8/30/04	1
Aroclor 1254	ND	4.76	42	U	8/30/04	1
Aroclor 1260	ND	4.56	42	U	8/30/04	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 L

Client:	Quest Environmental	**Lab Sample ID:**	24081529-6
Project:	Diamond	**GC Run ID:**	GC28049
Sample ID:	Field Blank	**Extraction Date:**	8/31/04
Date Sampled:	8/25/04	**Sample Wt /Vol:**	980 ml
Matrix: (soil/water):	Water	**Final Volume (ml):**	10
% Moisture:	NA		
Concentration Units:	µg/L		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	0.078	0.51	U	9/1/04	1
Aroclor 1221	ND	0.194	0.51	U	9/1/04	1
Aroclor 1232	ND	0.187	0.51	U	9/1/04	1
Aroclor 1242	ND	0.083	0.51	U	9/1/04	1
Aroclor 1248	ND	0.026	0.51	U	9/1/04	1
Aroclor 1254	ND	0.263	0.51	U	9/1/04	1
Aroclor 1260	ND	0.131	0.51	U	9/1/04	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below MDL

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27977.D\ECD1A.CH Vial: 5
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27977.D\ECD2B.CH
Acq On : 30 Aug 2004 7:07 pm Operator:
Sample : 24081529-1 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 19:29 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.76	4.54f	2502252	1439614	45.182	35.670
Spiked Amount 50.000			Recovery	=	90.36%	71.34%
2) S Decachlorbipheny	16.98f	19.93f	3176003	1877210	34.424	42.678m
Spiked Amount 50.000			Recovery	=	68.85%	85.36%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
20) L7 Aroclor-1248 (1)	4.79	6.26f	85100742	52309726	87006.356	69271.376
21) L7 Aroclor-1248 (2)	5.58	7.16f	14742048	11105268	4428.632	4852.301m
22) L7 Aroclor-1248 (3)	6.63	8.57f	16682257	13782400	7672.077	7114.187m
23) L7 Aroclor-1248 (4)	6.81	8.87f	17202936	11829448	8131.723m	7541.530m
Sum Aroclor-1248 (1)			133.7E6	89026842	107238.788	88779.395
Average Aroclor-1248 (1)					26809.697	22194.849
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

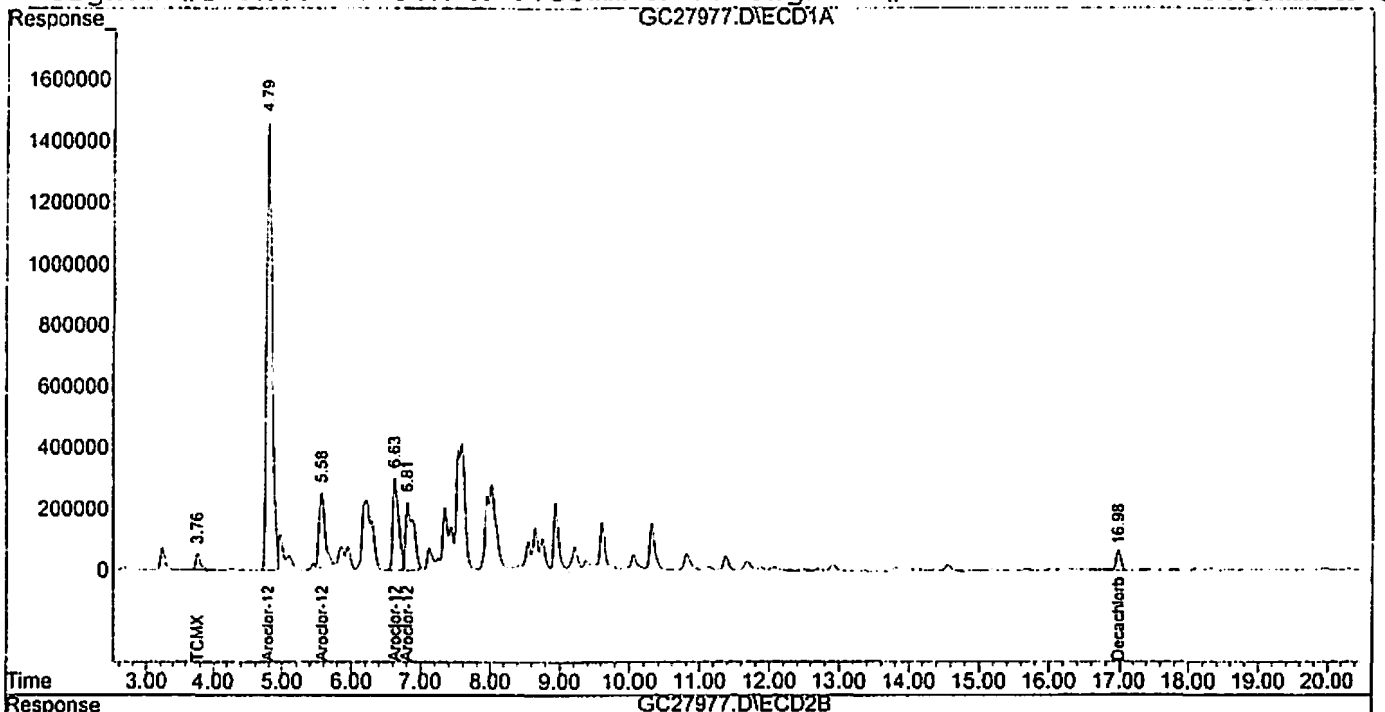
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

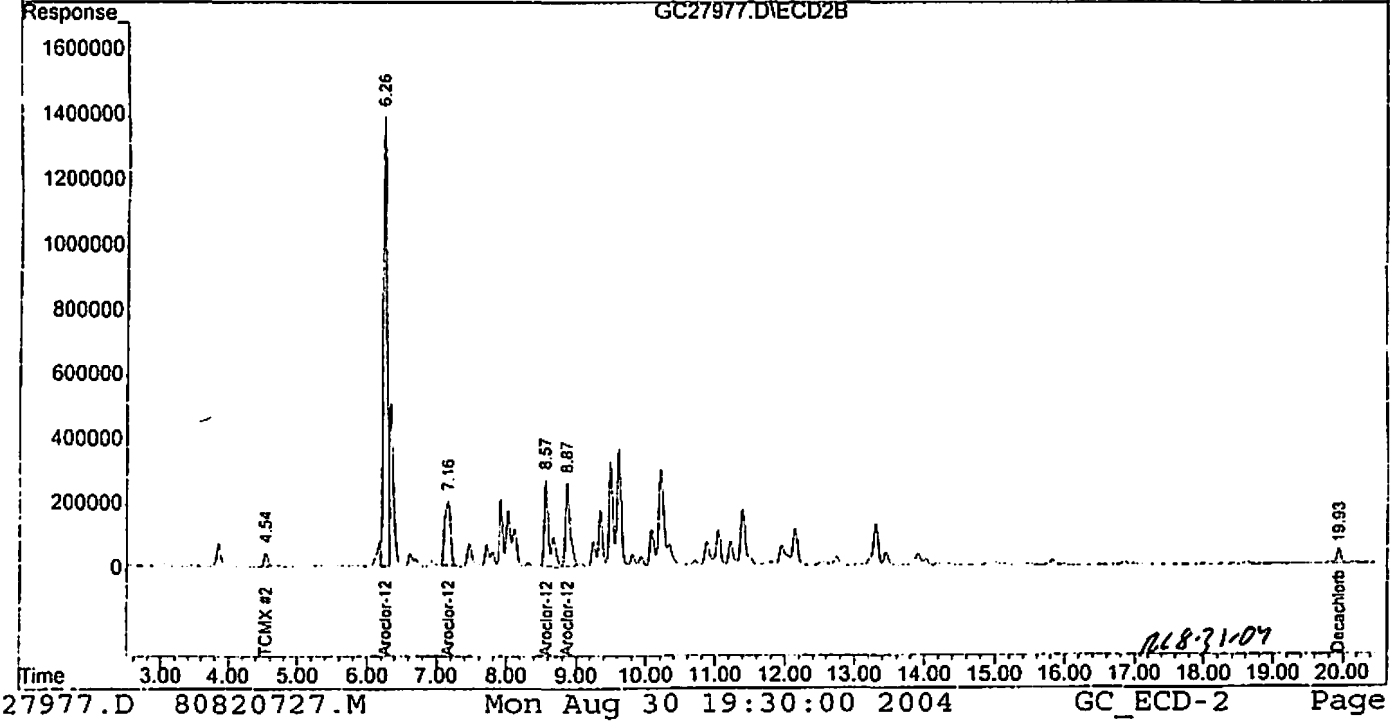
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27977.D\ECD1A.CH Vial: 5
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27977.D\ECD2B.CH
Acq On : 30 Aug 2004 7:07 pm Operator:
Sample : 24081529-1 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 19:29 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





RLB 8-31-04

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27984.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27984.D\ECD2B.CH
Acq On : 30 Aug 2004 9:57 pm Operator:
Sample : 24081529-1 x20 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:38 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.75	4.52f	97415	67672	1.759	1.677m
Spiked Amount 50.000			Recovery	=	3.52%	3.35%
2) S Decachlorbipheny	16.97f	19.93f	240931	104778	2.611	2.382m
Spiked Amount 50.000			Recovery	=	5.22%	4.76%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
rage Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
21) L7 Aroclor-1248 (2)	5.57	7.16f	1010262	707268	303.491m	309.031m
22) L7 Aroclor-1248 (3)	6.62	8.56f	1125230	839352	517.487	433.256m
23) L7 Aroclor-1248 (4)	6.80	8.86f	1042386	671188	492.729m	427.897m
Sum Aroclor-1248 (1)			3177878	2217808	1313.707	1170.184
Average Aroclor-1248 (1)					437.902	390.061
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

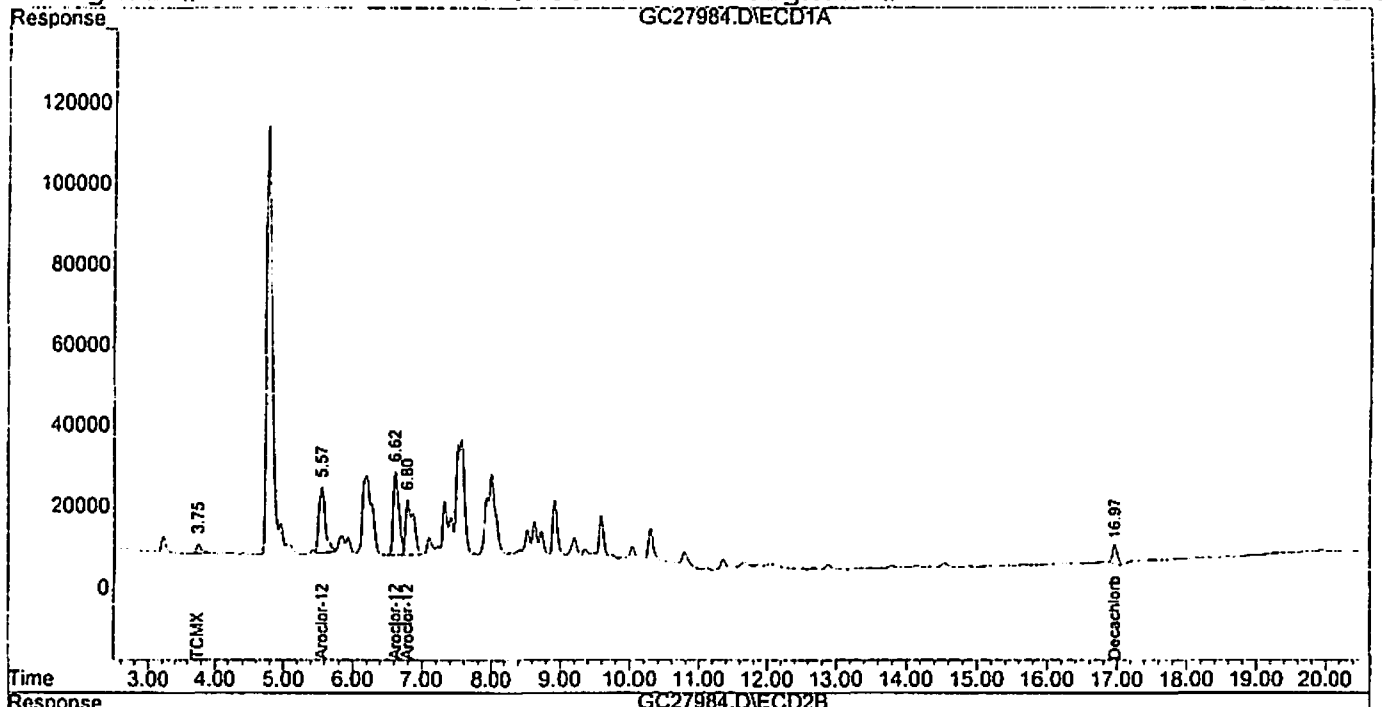
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

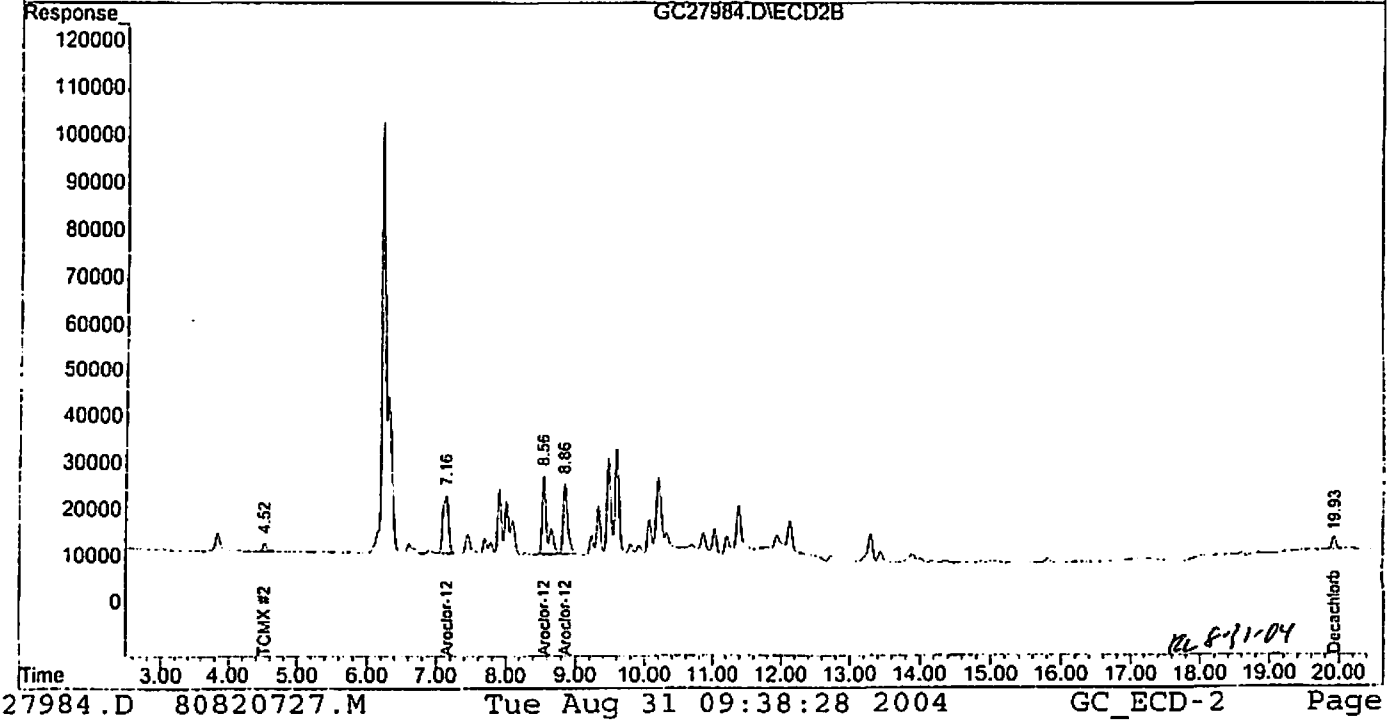
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27984.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27984.D\ECD2B.CH
Acq On : 30 Aug 2004 9:57 pm Operator:
Sample : 24081529-1 x20 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:38 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42





RL 8-31-04

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27978.D\ECD1A.CH Vial: 6
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27978.D\ECD2B.CH
Acq On : 30 Aug 2004 7:32 pm Operator:
Sample : 24081529-2 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:31 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.76	4.54f	1939939	1468632	35.029	36.389
Spiked Amount 50.000			Recovery	=	70.06%	72.78%
2) S Decachlorbipheny	16.98f	19.93f	2823928	1700845	30.608	38.668m#
Spiked Amount 50.000			Recovery	=	61.22%	77.34%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
21) L7 Aroclor-1248 (2)	5.58	7.17f	334174	703002	100.389m	307.168m#
22) L7 Aroclor-1248 (3)	6.63	8.57f	427463	359644	196.588	185.641m
23) L7 Aroclor-1248 (4)	6.81	8.87f	375240	291292	177.374m	185.705m
Sum Aroclor-1248 (1)			1136877	1353938	474.350	678.513
Average Aroclor-1248 (1)					158.117	226.171
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

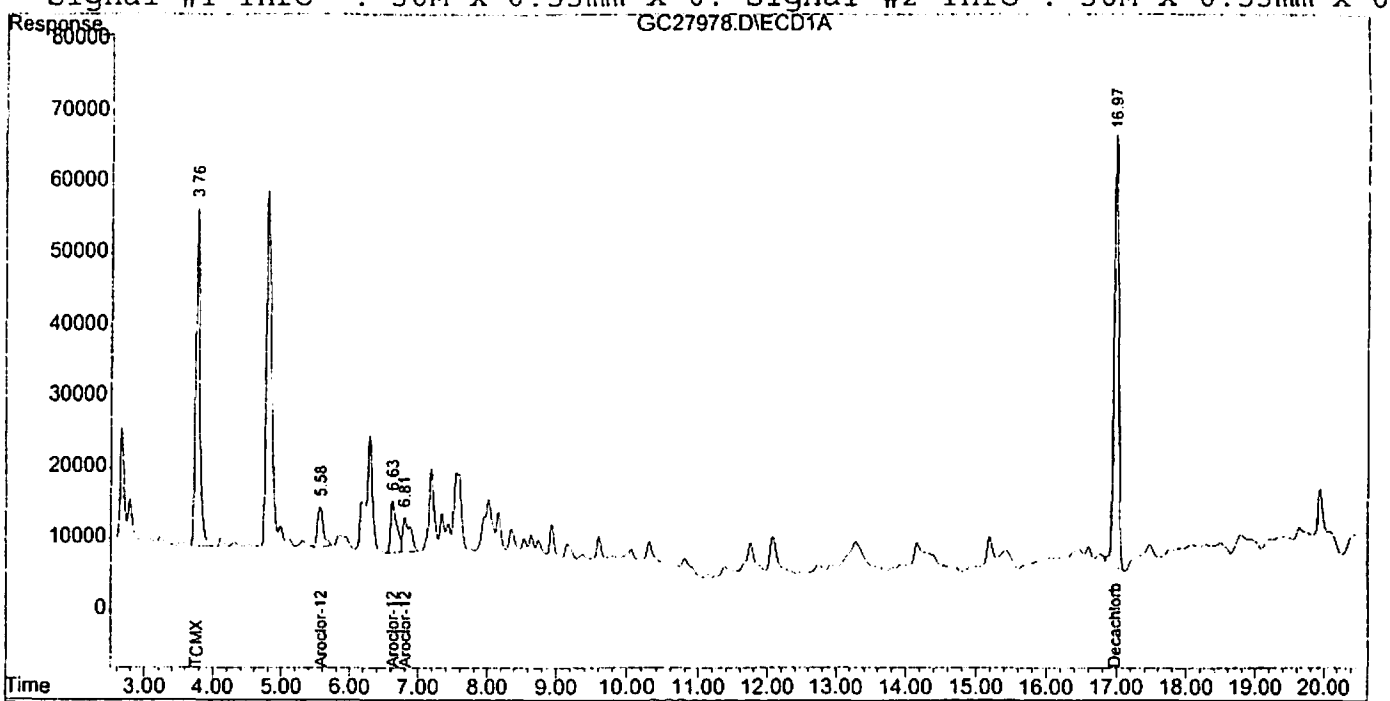
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

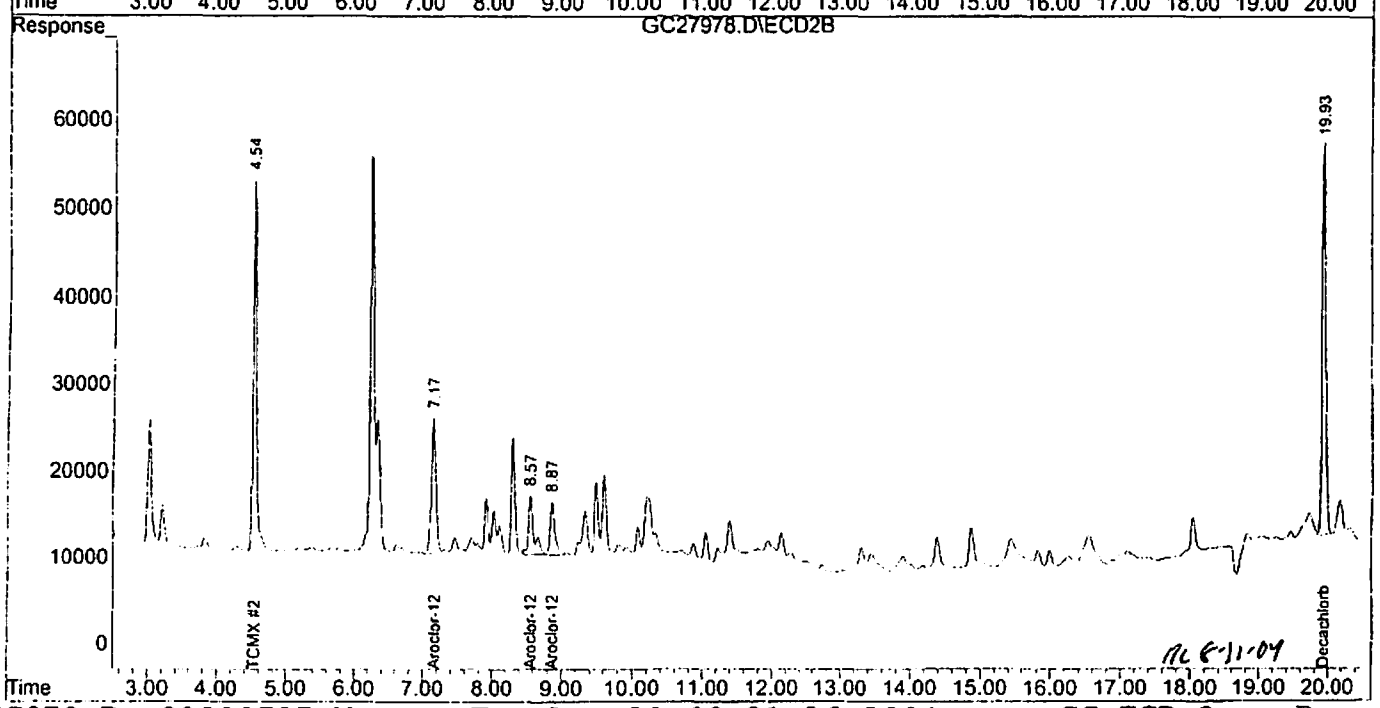
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27978.D\ECD1A.CH Vial: 6
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27978.D\ECD2B.CH
Acq On : 30 Aug 2004 7:32 pm Operator:
Sample : 24081529-2 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:31 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





RL 8-31-04

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27979.D\ECD1A.CH Vial: 7
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27979.D\ECD2B.CH
Acq On : 30 Aug 2004 7:56 pm Operator:
Sample : 24081529-3 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:32 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.76	4.54f	1917859	1371321	34.630	33.978
Spiked Amount 50.000			Recovery	=	69.26%	67.96%
2) S Decachlorbipheny	16.98f	19.93f	3096352	1768700	33.561	40.211m
Spiked Amount 50.000			Recovery	=	67.12%	80.42%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
21) L7 Aroclor-1248 (2)	5.58	7.17f	1469306	1527918	441.392m	667.604m#
22) L7 Aroclor-1248 (3)	6.63	8.57f	1598469	1215044	735.127	627.180m
23) L7 Aroclor-1248 (4)	6.81	8.87f	1438664	981184	680.048m	625.526m
Sum Aroclor-1248 (1)			4506439	3724146	1856.566	1920.310
Average Aroclor-1248 (1)					618.855	640.103
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

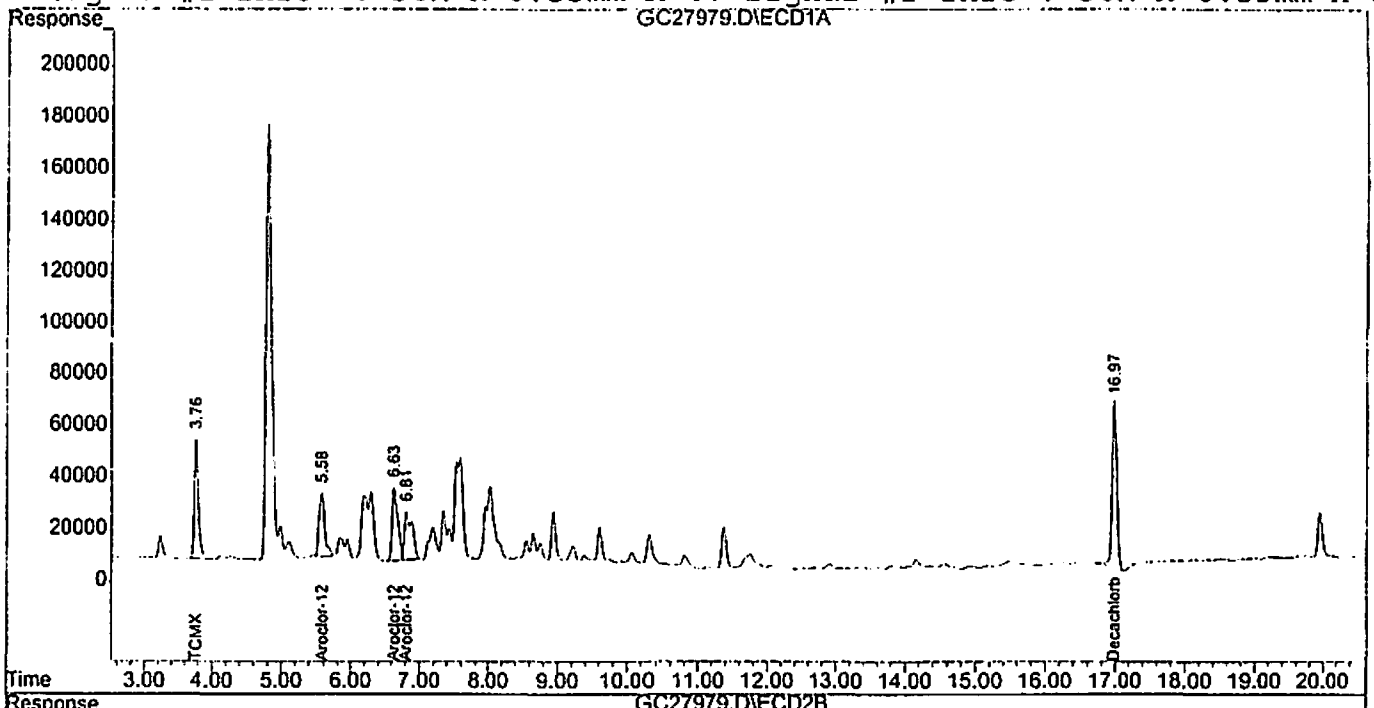
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

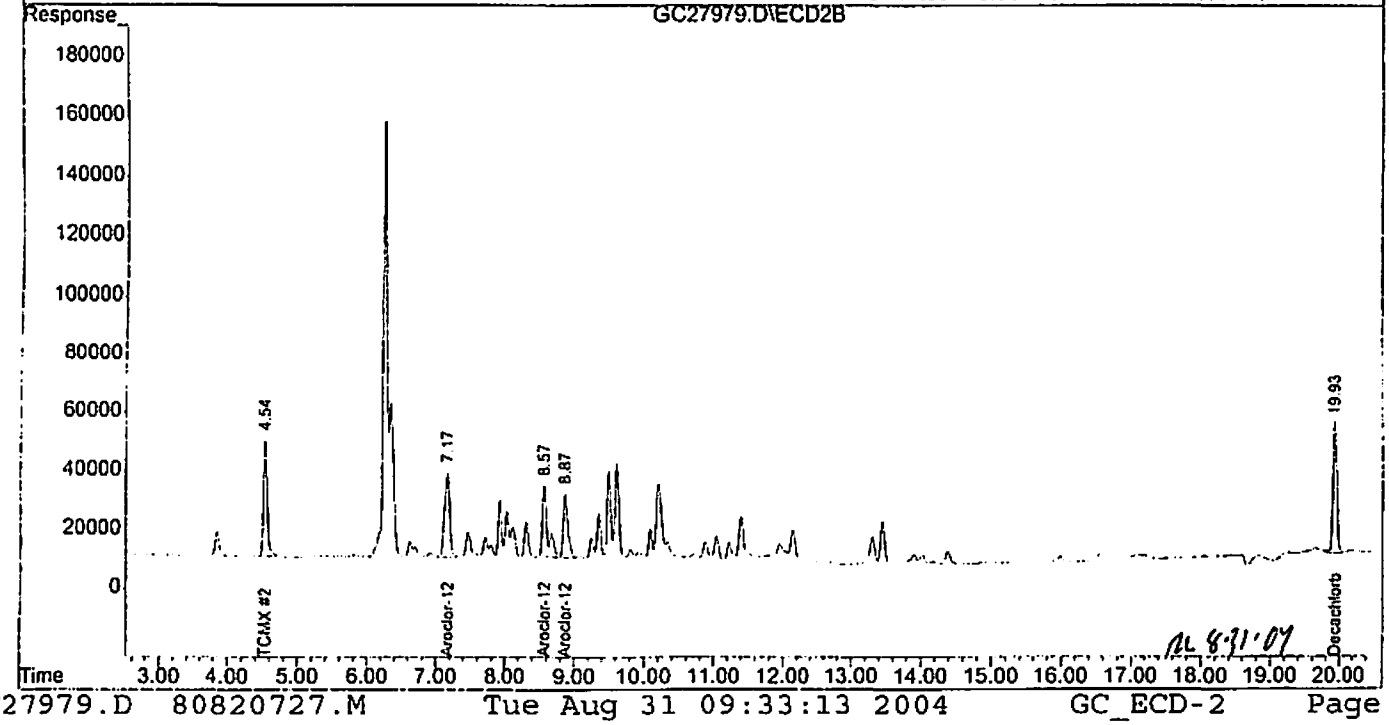
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27979.D\ECD1A.CH Vial: 7
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27979.D\ECD2B.CH
Acq On : 30 Aug 2004 7:56 pm Operator:
Sample : 24081529-3 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:32 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





AL 8-31-04

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27980.D\ECD1A.CH Vial: 8
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27980.D\ECD2B.CH
Acq On : 30 Aug 2004 8:20 pm Operator:
Sample : 24081529-4 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:34 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.76	4.54f	1680867	1433144	30.351	35.510
Spiked Amount 50.000			Recovery	=	60.70%	71.02%
2) S Decachlorbipheny	16.97f	19.93f	3073524	1748903	33.313m	39.761m
Spiked Amount 50.000			Recovery	=	66.63%	79.52%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
21) L7 Aroclor-1248 (2)	5.58	7.17f	470453	859288	141.328	375.455m#
22) L7 Aroclor-1248 (3)	6.63	8.57f	369688	209322	170.017m	108.048m#
23) L7 Aroclor-1248 (4)	6.81	8.87f	406700	509650	192.245m	324.913m#
Sum Aroclor-1248 (1)			1246841	1578260	503.590	808.415
Average Aroclor-1248 (1)					167.863	269.472
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

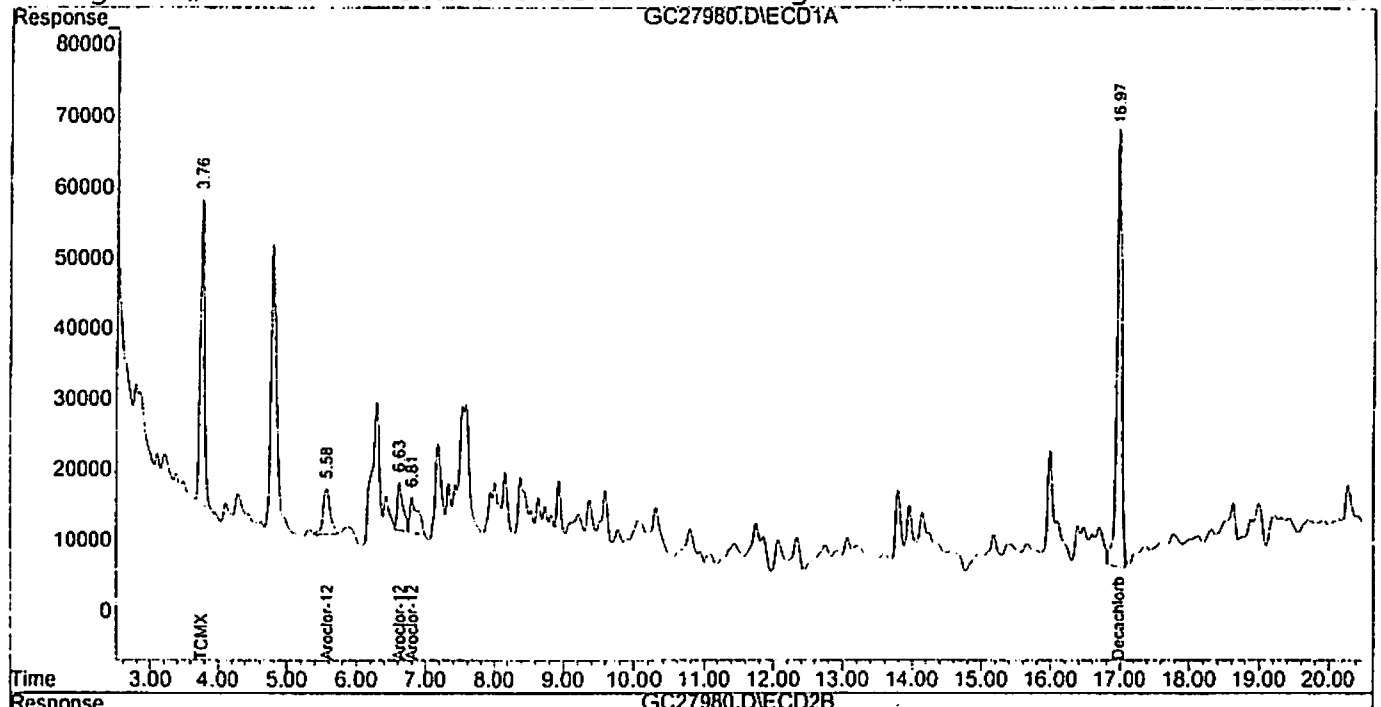
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

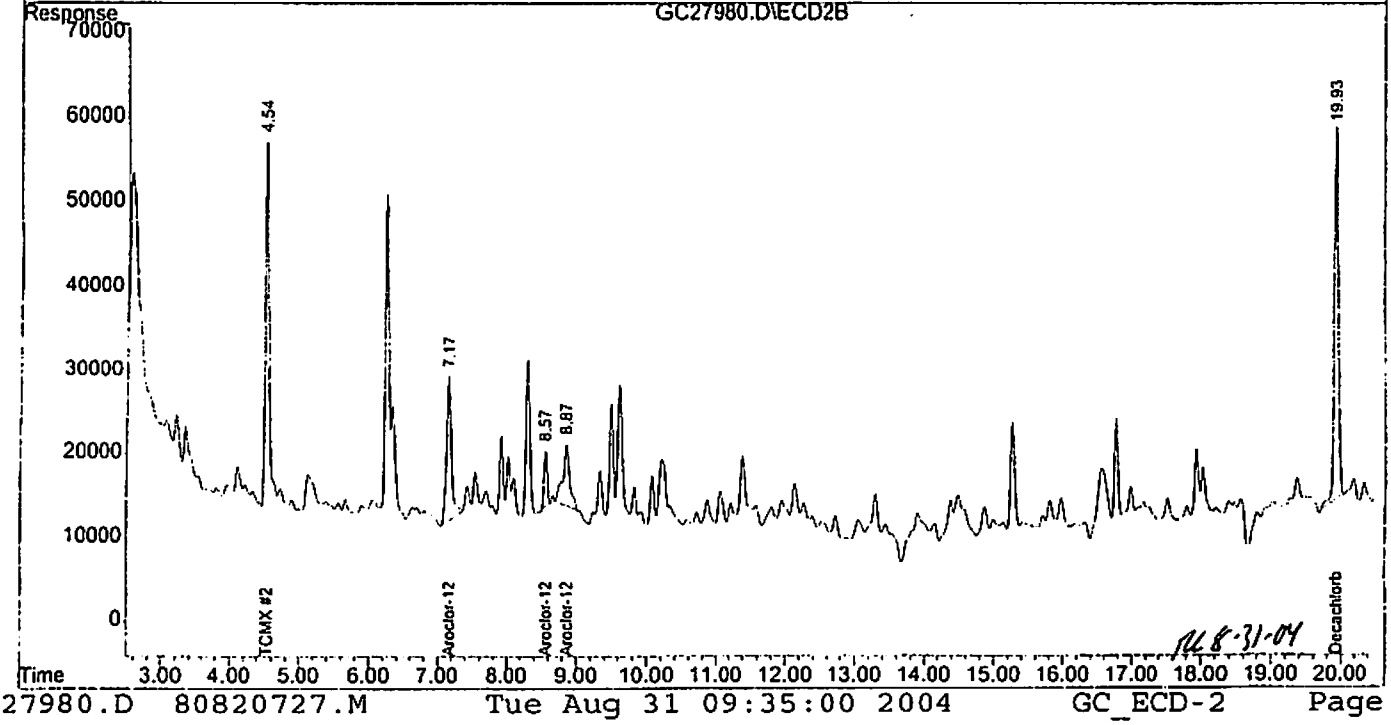
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27980.D\ECD1A.CH Vial: 8
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27980.D\ECD2B.CH
Acq On : 30 Aug 2004 8:20 pm Operator:
Sample : 24081529-4 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:34 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





TLB 8-31-04

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27981.D\ECD1A.CH Vial: 9
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27981.D\ECD2B.CH
Acq On : 30 Aug 2004 8:44 pm Operator:
Sample : 24081529-5 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:35 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.75	4.53f	1601468	1187832	28.917	29.431
Spiked Amount 50.000			Recovery	=	57.83%	58.86%
2) S Decachlorbipheny	16.97f	19.93f	2784581	1701861	30.182m	38.691m#
Spiked Amount 50.000			Recovery	=	60.36%	77.38%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

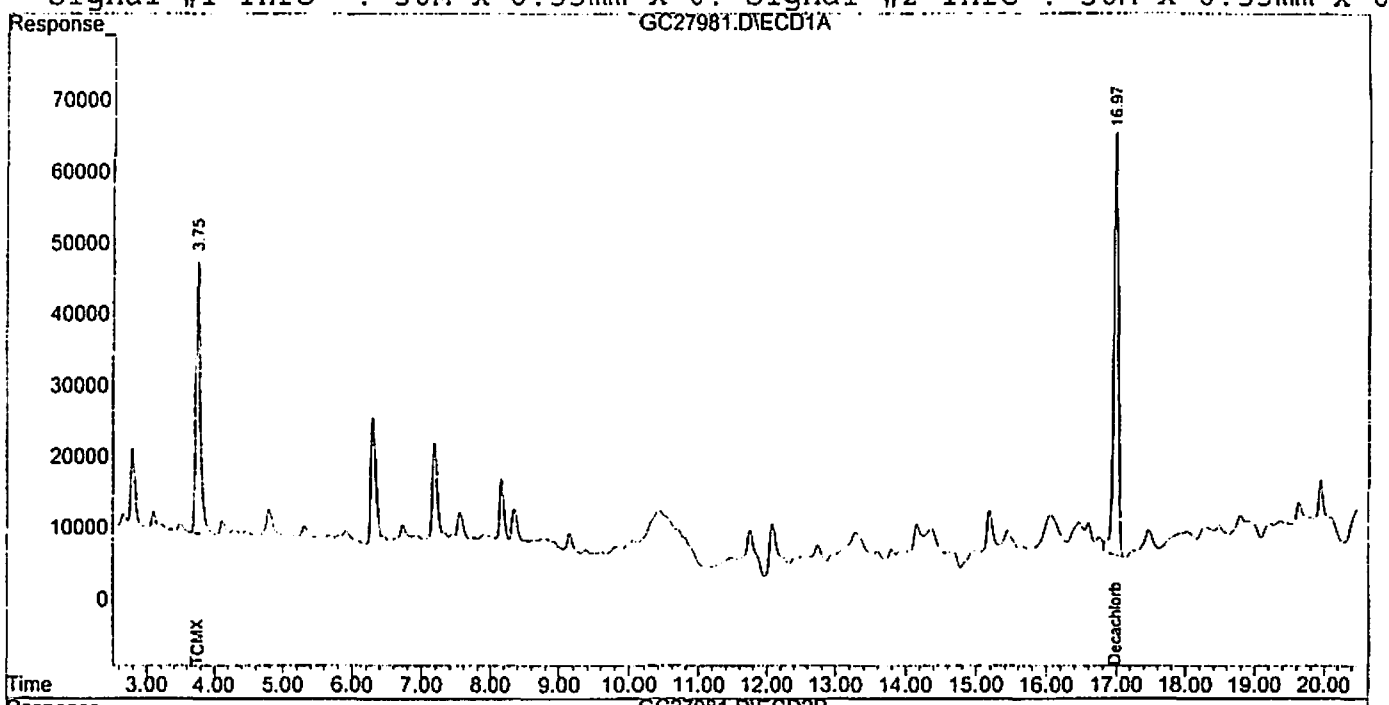
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

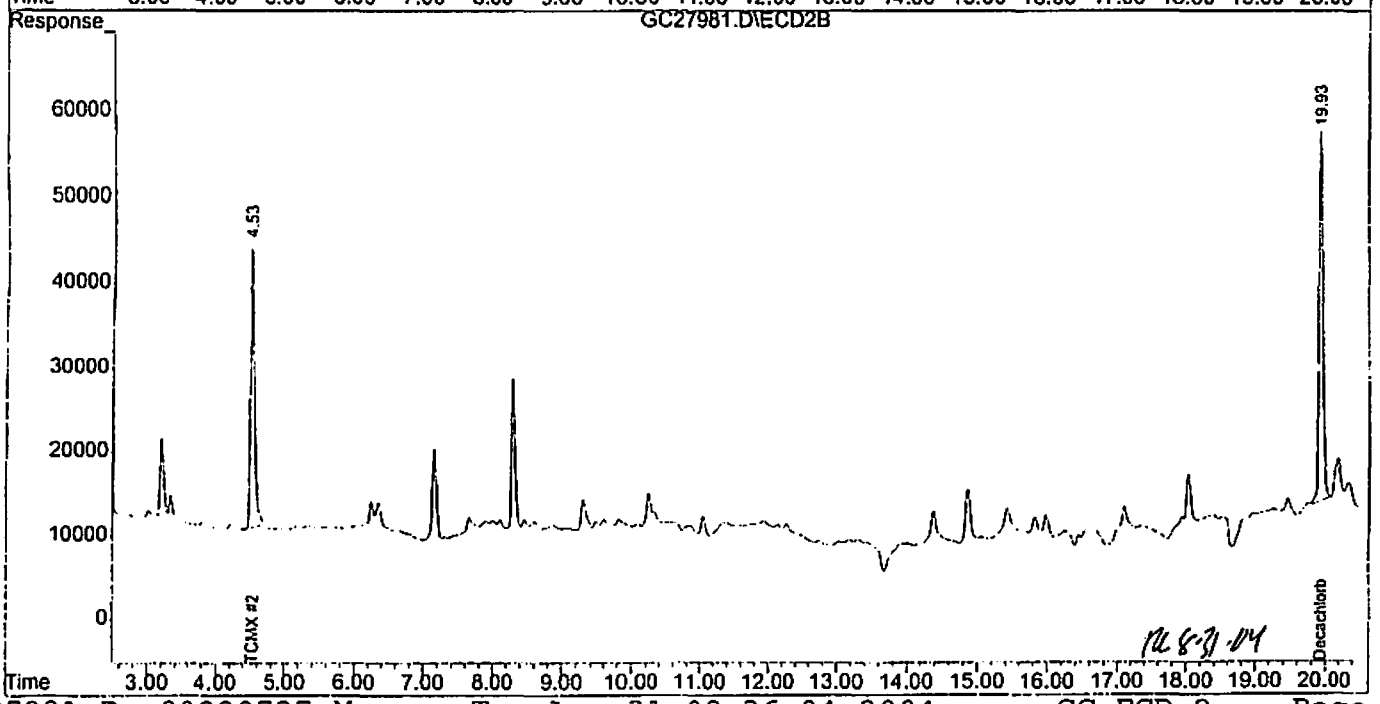
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27981.D\ECD1A.CH Vial: 9
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27981.D\ECD2B.CH
Acq On : 30 Aug 2004 8:44 pm Operator:
Sample : 24081529-5 Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 9:35 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08312004\GC28049.D\ECD1A.CH Vial: 43
Signal #2 : C:\HPCHEM\1\DATA\08312004\GC28049.D\ECD2B.CH
Acq On : 1 Sep 2004 8:21 am Operator:
Sample : 24081529-6 Inst : GC/ECD-1
Misc : QGC0835 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 1 8:55 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Tue Aug 31 10:22:46 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.78	4.55	3607927	2688602	65.147	66.617
Spiked Amount 50.000			Recovery	=	130.29%	133.23%
2) S Decachlorbipheny	17.00	19.94	3162599	1789380	34.279	40.681
Spiked Amount 50.000			Recovery	=	68.56%	81.36%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
rage Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

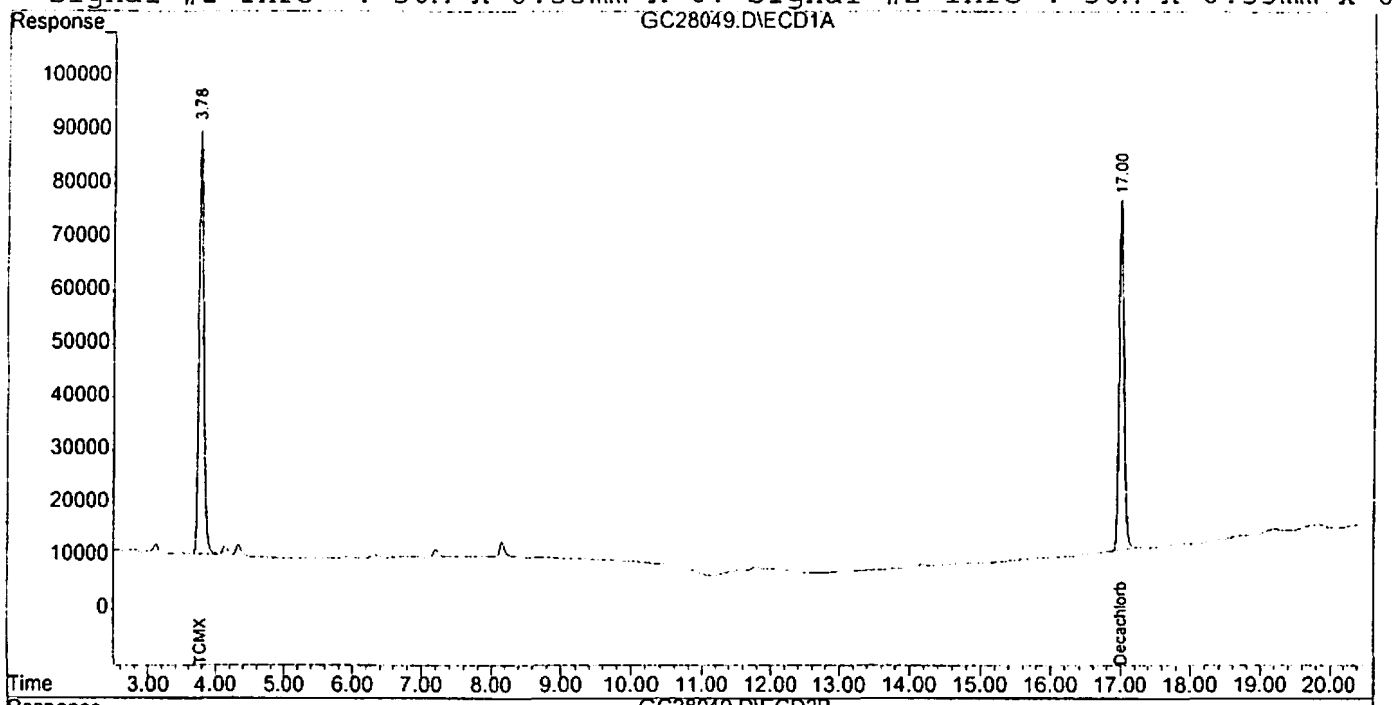
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

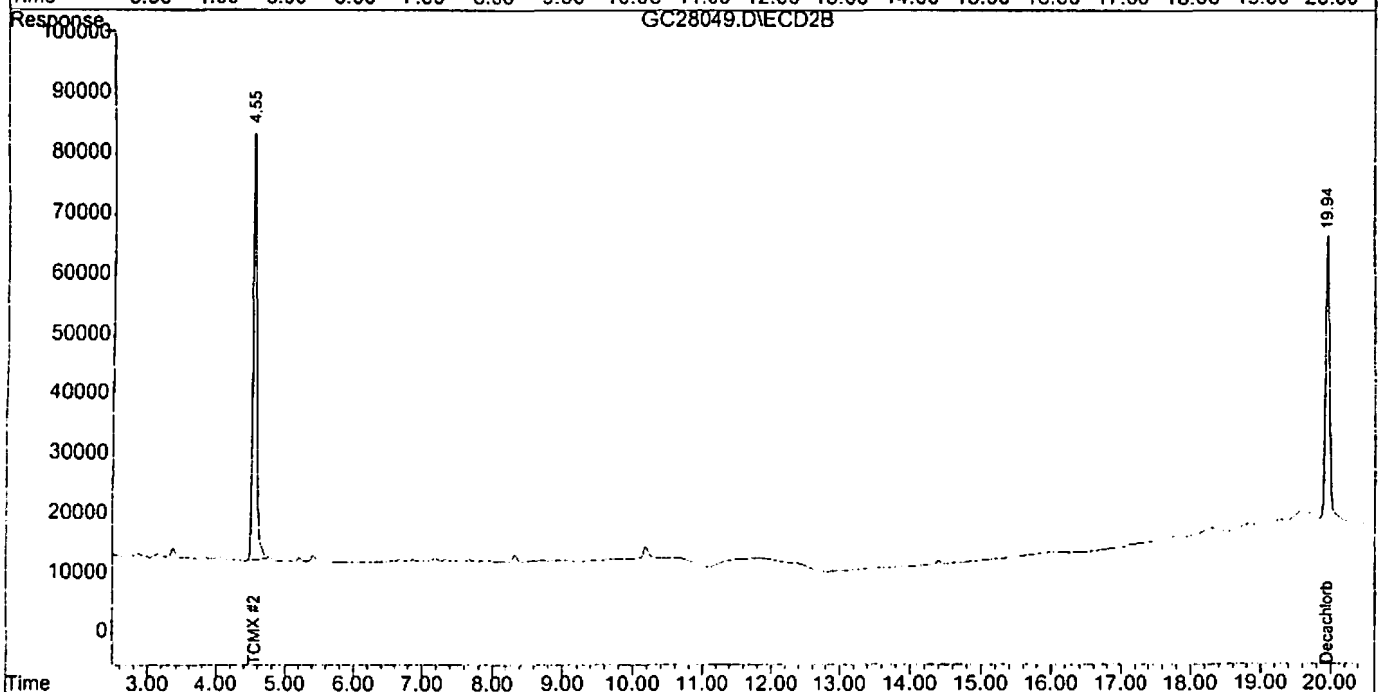
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08312004\GC28049.D\ECD1A.CH Vial: 43
Signal #2 : C:\HPCHEM\1\DATA\08312004\GC28049.D\ECD2B.CH
Acq On : 1 Sep 2004 8:21 am Operator:
Sample : 24081529-6 Inst : GC/ECD-1
Misc : QGC0835 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 1 8:55 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Tue Aug 31 10:22:46 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





METHODOLOGY REVIEW

PCBs IN SOIL

ANALYTICAL

EPA Method 8082 SW-846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"

Instrumentation:

HP 5890 Series II GC/ED

Columns:

Primary: RTx-CLPesticides 30m x 0.53mm 0.50um film

Confirmatory: RTx-CLPestII 30m x 0.53mm 0.42um film

EXTRACTION

EPA Method 3550B SW-846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"

Instrumentation:

Misonix XL2020 Sonicator

% SOLIDS

Method: EPA Method 160.3

Instrumentation:

Oven at 103 -105°C

PEAK INTEGRATION

Any manual integrations that were performed are indicated with a "m" Qualifier in the concentration column. The valley to valley integration method was used for standards and for samples.

CONFORMANCE / NON-CONFORMANCE SUMMARY

PCBS

	YES	NO*
Continuing Calibration Recovery Within QC Limits	✓	
Method Blank Interference Free	✓	
Surrogate Recoveries Within QC Limits		✓
Matrix Spike / Spike Duplicate Recoveries Within QC Limits	✓	
Retention Time Shifts Within QC Limits	✓	
Chain Of Custody Included in Report	✓	
Holding Times:		
Water – Extraction Within 7 Days of Sample Collection	NA	
Soil - Extraction Within 14 Days of Sample Collection	✓	
Analysis Within 40 Days of Extraction	✓	

*Comments:

Samples 24081529-2, -5, and 24081349-4 MS & MSD each had one surrogate recovery outside of QC limits. Sample 24081529-6 had two surrogate recoveries outside of QC limits.

Reviewed By: Robert Lipala Date 9/1/2004

Robert Lipala – GC Chemist

AQUA PRO-TECH Laboratories

QUALITY CONTROL REPORT
GC SURROGATE SUMMARY
CHLORINATED PESTICIDES/PCBs

BATCH NUMBER: QGC0830
INSTRUMENT ID: GC/ECD-2
GC COLUMNS USED: RTx-50(PRIMARY)
RTx-CLPesticides II(CONF.)
METHOD: 8082
MATRIX: Soil

SAMPLE NUMBER	%REC. TCMX PRIMARY	%REC. DCB PRIMARY	%REC. TCMX CONF.	%REC. DCB CONF.	# OUTSIDE QC LIMITS
SPC 240 BLK	79	70	88	87	0
SPC 240 BS	92	88	84	108	0
24081349-4 MS	58	59 *	58	79	1
24081349-4 MSD	64	60 *	67	83	1
24081529-1	90	69	71	85	0
24081529-2	70	61 *	73	77	1
24081529-3	69	67	68	80	0
24081529-4	61	67	71	80	0
24081529-5	58	60 *	59	77	1
24081529-6	130 *	69	133 *	81	2

QC Limits:	Compound	Percent Recovery limits	Concentration Surrogate Added
TCMX	Tetrachloro-m-xylene	39.9 - 117.1	50 ppb
DCB	Decachlorobiphenyl	64.8 - 144.4	50 ppb

* Values outside QC Limits

AQUA PRO-TECH Laboratories

QUALITY CONTROL REPORT
GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE SUMMARY
POLYCHLORINATED BIPHENYLS

BATCH NUMBER: QGC0830
SPIKED SAMPLE: 24081349-4
METHOD: 8082
MATRIX: Soil
MOISTURE: 8.90%

	SAMPLE	MS	MSD
INITIAL WT/VOL:	30	30	30
FINAL VOL:	10	10	10
UNITS:	µg/kg		

Compound Name	Conc. Added	Sample Conc.	Matrix Spike Conc.	Matrix Spike %Rec	Spike Duplicate Conc.	Spike Duplicate %Rec	QC RPD	RPD
Aroclor-1016	183	U	148	80.9	144	78.7	40	3
Aroclor-1260	183	U	143	78.1	150	82	40	5

QC Limits:

Compound	Percent Recovery Limits		
Aroclor-1016	59	-	133
Aroclor-1260	70	-	160

* Values outside QC Limits

ASSOCIATED SAMPLES:
AR1660 500 ppb
SPC 240 BLK
SPC 240 BS
24081529-1-6

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08262004\GC27937.D\ECD1A.CH Vial: 11
Signal #2 : C:\HPCHEM\1\DATA\08262004\GC27937.D\ECD2B.CH
Acq On : 27 Aug 2004 5:03 pm Operator:
Sample : 24081349-4 MS Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 11:20 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.76	4.54f	1599637	1166660	28.884	28.907
Spiked Amount 50.000			Recovery	=	57.77%	57.81%
2) S Decachlorbipheny	16.98	19.93f	2710029	1736577	29.374	39.480m#
Spiked Amount 50.000			Recovery	=	58.75%	78.96%
Target Compounds						
3) L3 Aroclor-1016 (1)	4.23	5.37f	618194	341344	447.129m	385.123m
L3 Aroclor-1016 (2)	4.78	6.18f	900612	724418	378.861m	386.448m
5) L3 Aroclor-1016 (3)	5.58	7.17f	1882700	1481452	382.339m	420.223m
6) L3 Aroclor-1016 (4)	5.83	7.47f	719342	635952	409.690m	412.706m
7) L3 Aroclor-1016 (5)	5.95	7.71f	450402	491822	402.114m	567.242m#
Sum Aroclor-1016 (1)			4571250	3674988	2020.133	2171.741
Average Aroclor-1016 (1)					404.027	434.348
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
28) L9 Aroclor-1260 (1)	9.37	12.03f	1254004	1105926	429.474m	515.495m
29) L9 Aroclor-1260 (2)	10.06	12.74f	2211404	1125376	398.714m	444.238m
30) L9 Aroclor-1260 (3)	10.80	13.27f	2096276	1055328	440.252m	457.205m
L9 Aroclor-1260 (4)	11.88f	15.08f	961927	752886	329.437	397.180m
32) L9 Aroclor-1260 (5)	12.90f	15.82f	2283958	1607564	364.210m	423.091m
Sum Aroclor-1260 (1)			8807569	5647080	1962.088	2237.209
Average Aroclor-1260 (1)					392.418	447.442

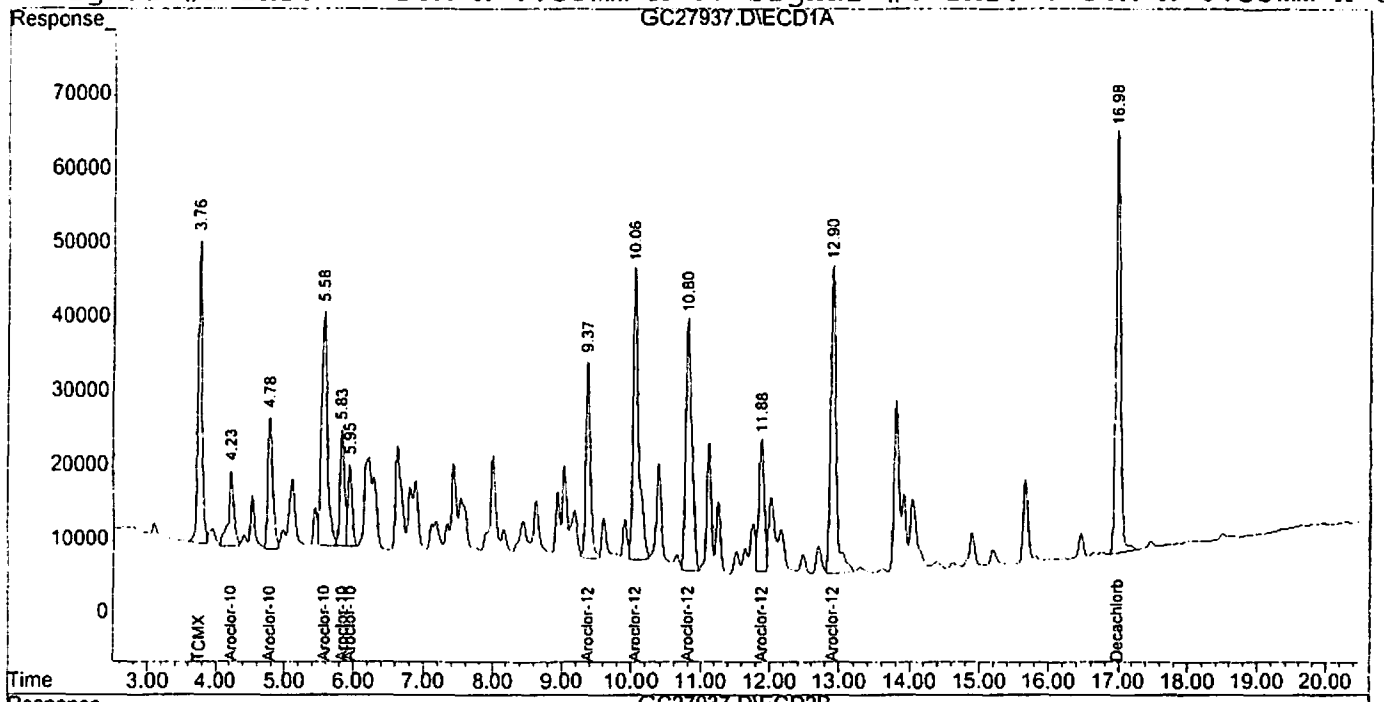
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

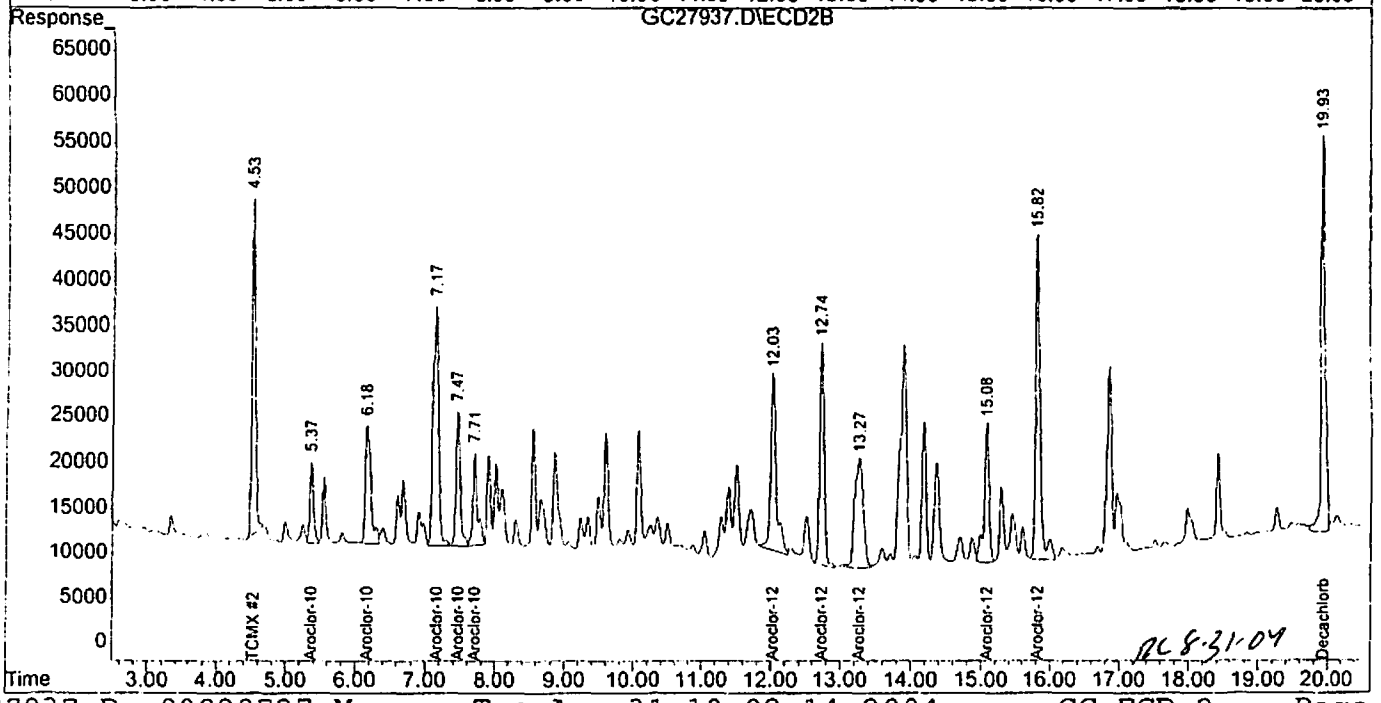
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08262004\GC27937.D\ECD1A.CH Vial: 11
Signal #2 : C:\HPCHEM\1\DATA\08262004\GC27937.D\ECD2B.CH
Acq On : 27 Aug 2004 5:03 pm Operator:
Sample : 24081349-4 MS Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 11:20 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





AC 8-31-04

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08262004\GC27938.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\08262004\GC27938.D\ECD2B.CH
Acq On : 27 Aug 2004 5:27 pm Operator:
Sample : 24081349-4 MSD Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 11:23 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.76	4.54f	1760076	1361703	31.781	33.740
Spiked Amount 50.000			Recovery	=	63.56%	67.48%
2) S Decachlorbipheny	16.98	19.93f	2781573	1814338	30.149	41.248m#
Spiked Amount 50.000			Recovery	=	60.30%	82.50%
Target Compounds						
2) L3 Aroclor-1016 (1)	4.23	5.37f	626526	339272	453.155m	382.785m
L3 Aroclor-1016 (2)	4.78	6.18f	874858	691220	368.027m	368.738m
5) L3 Aroclor-1016 (3)	5.58	7.17f	1830106	1487330	371.658m	421.890m
6) L3 Aroclor-1016 (4)	5.83	7.47f	692840	618938	394.596m	401.664m
7) L3 Aroclor-1016 (5)	5.95	7.71f	424872	529898	379.321m	611.157m#
Sum Aroclor-1016 (1)			4449202	3666658	1966.758	2186.234
Average Aroclor-1016 (1)					393.352	437.247
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
28) L9 Aroclor-1260 (1)	9.37	12.03f	1312408	1138020	449.476m	530.454m
29) L9 Aroclor-1260 (2)	10.06	12.74f	2290052	1183622	412.895m	467.231m
30) L9 Aroclor-1260 (3)	10.80	13.27f	2212598	1100726	464.682m	476.873m
L9 Aroclor-1260 (4)	11.88f	15.08f	1011110	788448	346.281	415.940m
32) L9 Aroclor-1260 (5)	12.91	15.82f	2392622	1725768	381.538m	454.201m
Sum Aroclor-1260 (1)			9218790	5936584	2054.872	2344.699
Average Aroclor-1260 (1)					410.974	468.940

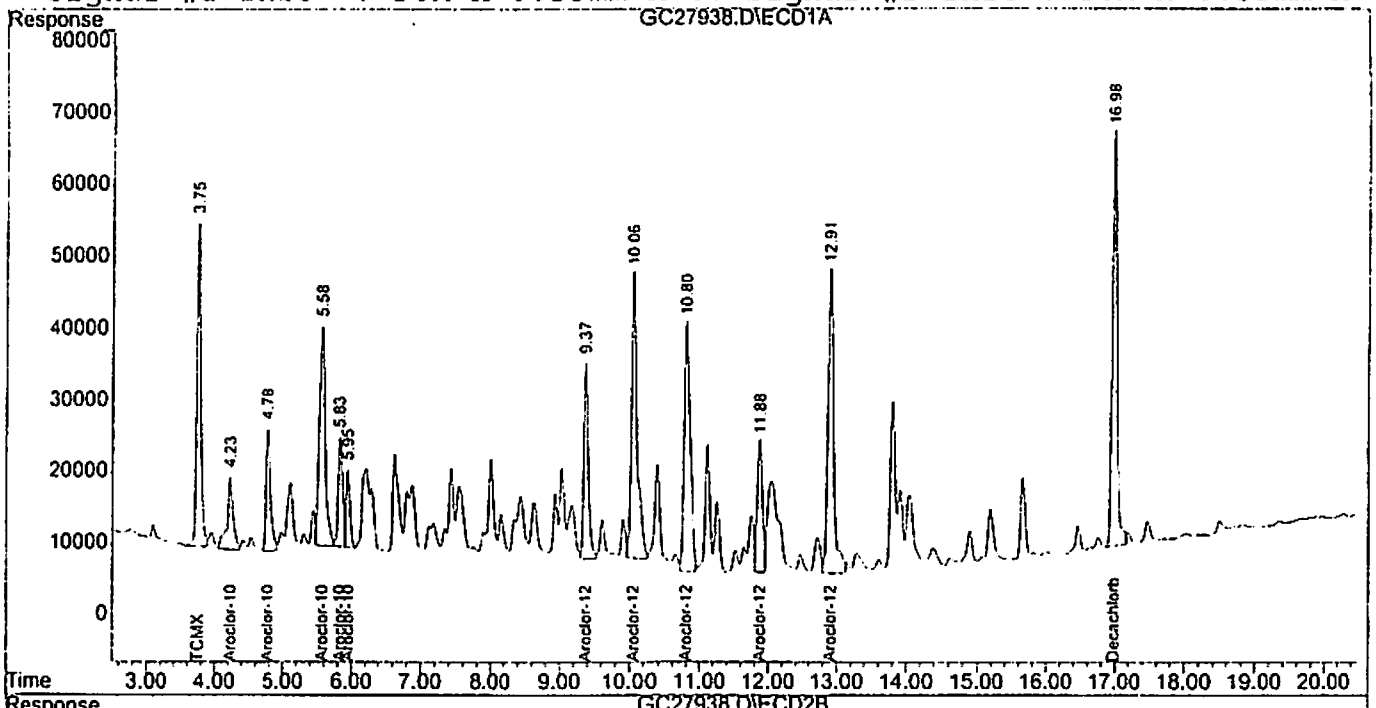
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

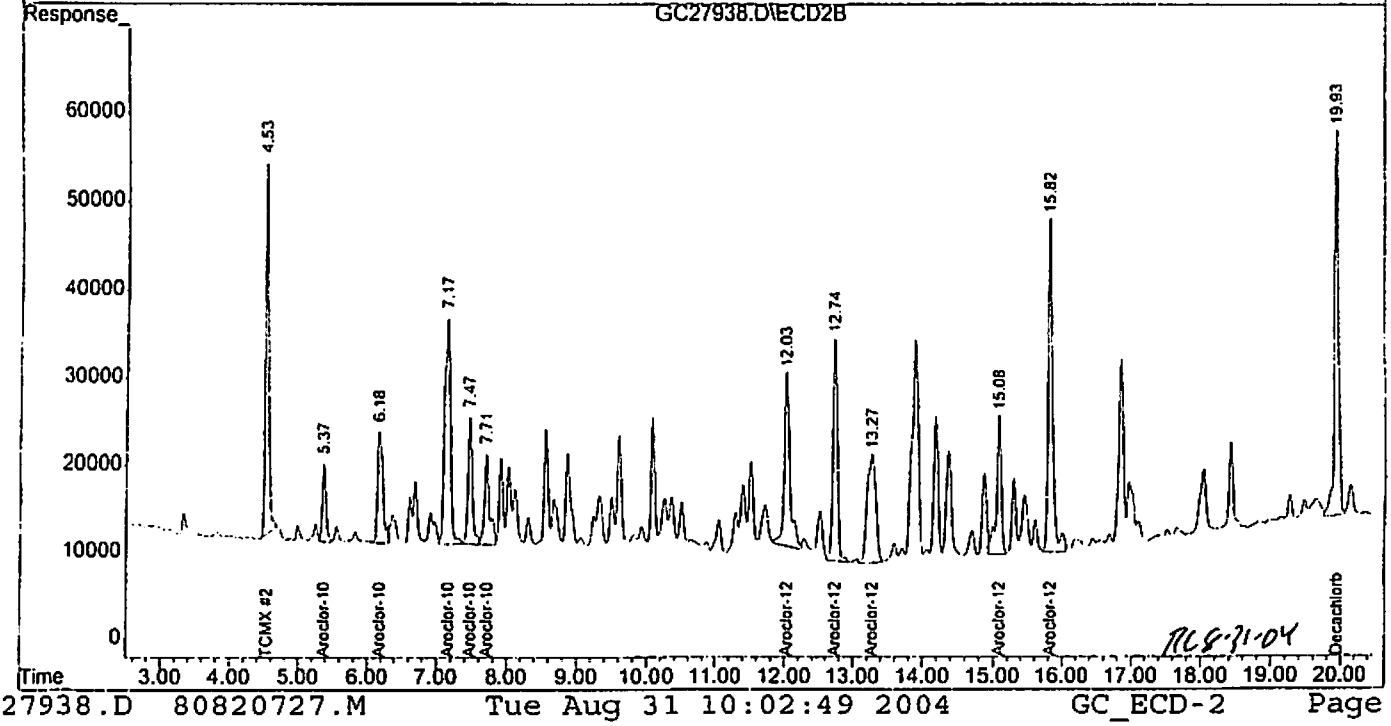
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08262004\GC27938.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\08262004\GC27938.D\ECD2B.CH
Acq On : 27 Aug 2004 5:27 pm Operator:
Sample : 24081349-4 MSD Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 11:23 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





RCG 8-31-04

AQUA PRO-TECH Laboratories

QUALITY CONTROL REPORT
GC BLANK SPIKE SUMMARY
POLYCHLORINATED BIPHENYL

BATCH NUMBER: QGC0830
SPIKED SAMPLE: BLANK
METHOD: 8082
MATRIX: Soil

	SAMPLE	BS
INITIAL WT/VOL:	30	30
FINAL VOL:	10	10
UNITS:	µg/kg	

Compound Name	Conc. Added	Blank Conc.	Blank Spike Conc.	Blank Spike %Rec
Aroclor-1016	167	U	176	105
Aroclor-1260	167	U	177	106

QC Limits:	Compound	Percent Recovery Limits
	Aroclor-1016	74 - 115
	Aroclor-1260	88 - 124

* Values outside QC Limits

ASSOCIATED SAMPLES:
AR1660 500 ppb
SPC 240 BLK
24081349-4 MS & MSD
24081529-1-6

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27976.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27976.D\ECD2B.CH
Acq On : 30 Aug 2004 6:43 pm Operator:
Sample : SPC 240 BS Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 19:17 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.76	4.54f	2554342	1700254	46.123	42.128
Spiked Amount 50.000			Recovery	=	92.25%	84.26%
2) S Decachlorbipheny	16.98f	19.93f	4083881	2374440	44.264	53.982m
Spiked Amount 50.000			Recovery	=	88.53%	107.96%
Target Compounds						
3) L3 Aroclor-1016 (1)	4.24	5.38f	805404	431811	582.534	487.192
L3 Aroclor-1016 (2)	4.78	6.18f	1160092	933442	488.017	497.954m
5) L3 Aroclor-1016 (3)	5.58	7.17f	2520958	1865640	511.957m	529.200m
6) L3 Aroclor-1016 (4)	5.84	7.47f	917315	777334	522.442	504.457m
7) L3 Aroclor-1016 (5)	5.95	7.71f	602085	464424	537.535	535.642m
Sum Aroclor-1016 (1)			6005854	4472651	2642.485	2554.445
Average Aroclor-1016 (1)					528.497	510.889
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
28) L9 Aroclor-1260 (1)	9.37	12.03f	1585723	1303214	543.081	607.454m
29) L9 Aroclor-1260 (2)	10.06	12.74f	2988814	1392854	538.881m	549.824m
30) L9 Aroclor-1260 (3)	10.80	13.27f	2856281	1310672	599.866	567.829m
31) L9 Aroclor-1260 (4)	11.88f	15.08f	1369332	959874	468.963	506.375m
32) L9 Aroclor-1260 (5)	12.90f	15.82f	3193804	1894730	509.299m	498.670m
Sum Aroclor-1260 (1)			11993954	6861344	2660.090	2730.152
Average Aroclor-1260 (1)					532.018	546.030

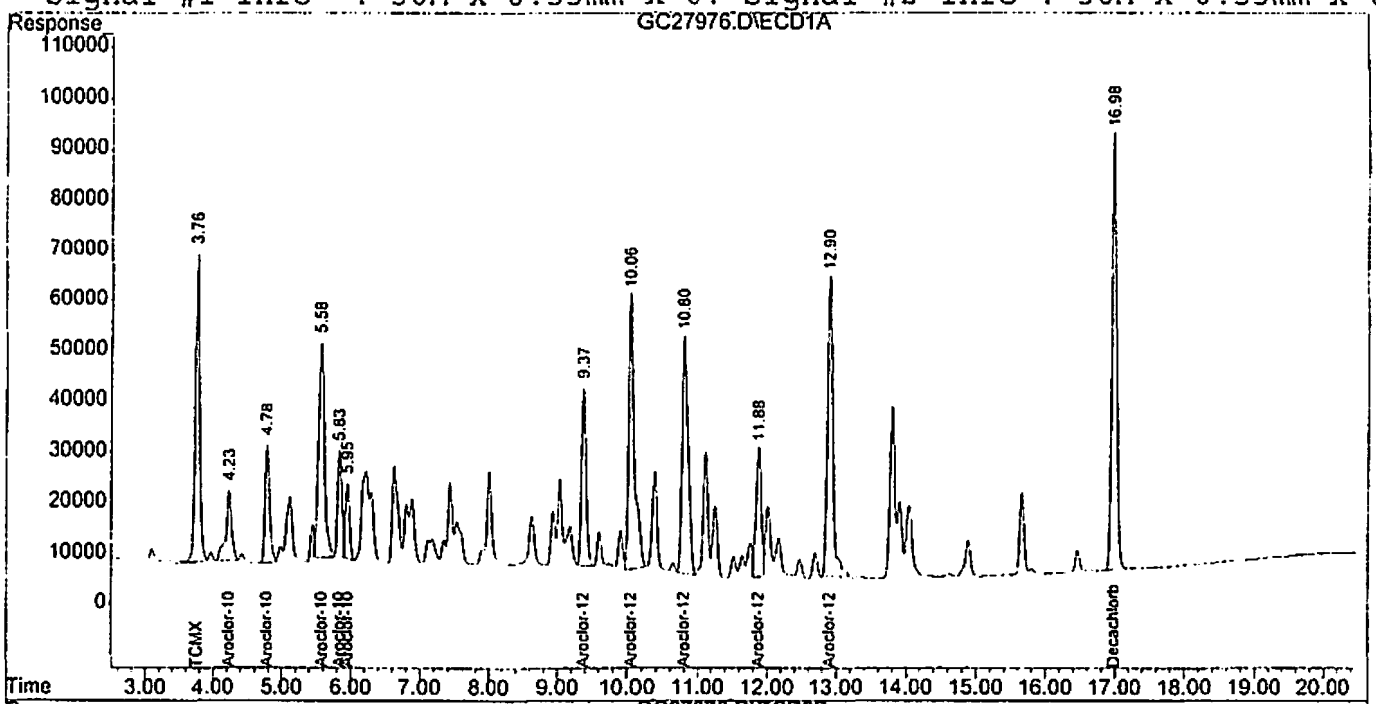
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

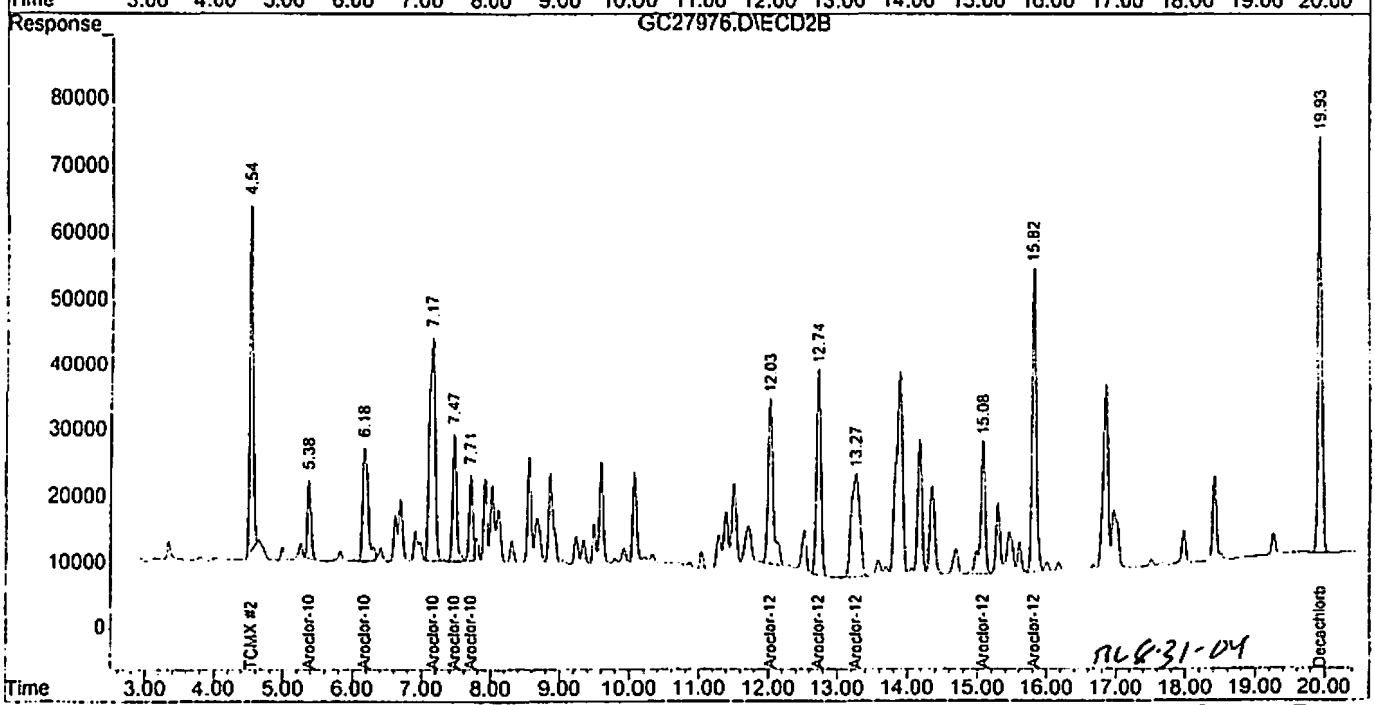
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27976.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27976.D\ECD2B.CH
Acq On : 30 Aug 2004 6:43 pm Operator:
Sample : SPC 240 BS Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 19:17 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





Response Factor Report GC/ECD-1

Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004

Calibration Files
50 =GC27019.D 200 =GC27021.D 500 =GC27022.D
800 =GC27023.D 1000 =GC27024.D

		Compound	50	200	500	800	1000	Avg		%RSD
1)	S	TCMX	4.763	5.430	5.850	5.846	5.801	5.538	E4	8.44
2)	S	Decachlorbiphenyl	1.067	0.948	0.899	0.861	0.837	0.923	E5	9.86
3)	L3	Aroclor-1016 (1)	1.398	1.423	1.343	1.374	1.374	1.383	E3	2.17
4)	L3	Aroclor-1016 (2)	2.451	2.525	2.389	2.282	2.239	2.377	E3	4.97
5)	L3	Aroclor-1016 (3)	5.089	5.197	4.954	4.763	4.618	4.924	E3	4.79
6)	L3	Aroclor-1016 (4)	1.757	1.845	1.797	1.717	1.663	1.756	E3	4.01
7)	L3	Aroclor-1016 (5)	1.030	1.121	1.153	1.151	1.145	1.120	E3	4.62
8)	L4	Aroclor-1221 (1)					4.703	4.703	E2	0.00
9)	L4	Aroclor-1221 (2)					5.637	5.637	E2	0.00
10)	L4	Aroclor-1221 (3)					1.905	1.905	E3	0.00
11)	L5	Aroclor-1232 (1)					3.324	3.324	E2	0.00
12)	L5	Aroclor-1232 (2)					1.366	1.366	E3	0.00
13)	L5	Aroclor-1232 (3)					1.030	1.030	E3	0.00
14)	L5	Aroclor-1232 (4)					2.262	2.262	E3	0.00
15)	L6	Aroclor-1242 (1)					1.130	1.130	E3	0.00
16)	L6	Aroclor-1242 (2)					1.810	1.810	E3	0.00
17)	L6	Aroclor-1242 (3)					1.512	1.512	E3	0.00
[illegible])	L6	Aroclor-1242 (4)					1.411	1.411	E3	0.00
19)	L6	Aroclor-1242 (5)					1.456	1.456	E3	0.00
20)	L7	Aroclor-1248 (1)					9.781	9.781	E2	0.00
21)	L7	Aroclor-1248 (2)					3.329	3.329	E3	0.00
22)	L7	Aroclor-1248 (3)					2.174	2.174	E3	0.00
23)	L7	Aroclor-1248 (4)					2.116	2.116	E3	0.00
24)	L8	Aroclor-1254 (1)					2.905	2.905	E3	0.00
25)	L8	Aroclor-1254 (2)					6.959	6.959	E3	0.00
26)	L8	Aroclor-1254 (3)					9.414	9.414	E3	0.00
27)	L8	Aroclor-1254 (4)					7.515	7.515	E3	0.00
28)	L9	Aroclor-1260 (1)	3.083	3.134	2.885	2.781	2.717	2.920	E3	6.27
29)	L9	Aroclor-1260 (2)	5.802	5.882	5.626	5.295	5.126	5.546	E3	5.87
30)	L9	Aroclor-1260 (3)	4.522	4.959	4.845	4.759	4.722	4.762	E3	3.40
31)	L9	Aroclor-1260 (4)	3.280	2.939	2.877	2.788	2.715	2.920	E3	7.49
32)	L9	Aroclor-1260 (5)	6.045	6.201	6.487	6.348	6.274	6.271	E3	2.63

Signal #2 Calibration Files
50 =GC27019.D 200 =GC27021.D 500 =GC27022.D
800 =GC27023.D 1000 =GC27024.D

		Compound	50	200	500	800	1000	Avg		%RSD
1)	S	TCMX	3.966	3.967	4.116	4.076	4.055	4.036	E4	1.66
2)	S	Decachlorbiphenyl	4.875	4.553	4.335	4.182	4.048	4.399	E4	7.41
3)	L3	Aroclor-1016 (1)	9.420	9.968	8.537	8.251	8.139	8.863	E2	8.98
4)	L3	Aroclor-1016 (2)	2.059	2.058	1.844	1.731	1.681	1.875	E3	9.49
[illegible])	L3	Aroclor-1016 (3)	3.729	3.735	3.552	3.345	3.266	3.525	E3	6.12
6)	L3	Aroclor-1016 (4)	1.628	1.674	1.530	1.443	1.430	1.541	E3	7.06

(#) = Out of Range

Response Factor Report GC/ECD-1

Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004

Calibration Files
50 =GC27019.D 200 =GC27021.D 500 =GC27022.D
800 =GC27023.D 1000 =GC27024.D

		Compound	50	200	500	800	1000	Avg		%RSD
7)	L3	Aroclor-1016 (5)	9.926	8.323	8.781	8.108	8.214	8.670	E2	8.62
8)	L4	Aroclor-1221 (1)					4.590	4.590	E2	0.00
9)	L4	Aroclor-1221 (2)					3.263	3.263	E2	0.00
10)	L4	Aroclor-1221 (3)					1.159	1.159	E3	0.00
11)	L5	Aroclor-1232 (1)					2.746	2.746	E2	0.00
12)	L5	Aroclor-1232 (2)					8.349	8.349	E2	0.00
13)	L5	Aroclor-1232 (3)					8.772	8.772	E2	0.00
14)	L5	Aroclor-1232 (4)					1.420	1.420	E3	0.00
15)	L6	Aroclor-1242 (1)					6.978	6.978	E2	0.00
16)	L6	Aroclor-1242 (2)					1.327	1.327	E3	0.00
17)	L6	Aroclor-1242 (3)					2.646	2.646	E3	0.00
18)	L6	Aroclor-1242 (4)					1.158	1.158	E3	0.00
19)	L6	Aroclor-1242 (5)					8.495	8.495	E2	0.00
20)	L7	Aroclor-1248 (1)					7.551	7.551	E2	0.00
21)	L7	Aroclor-1248 (2)					2.289	2.289	E3	0.00
22)	L7	Aroclor-1248 (3)					1.937	1.937	E3	0.00
23)	L7	Aroclor-1248 (4)					1.569	1.569	E3	0.00
[illegible])	L8	Aroclor-1254 (1)					1.935	1.935	E3	0.00
25)	L8	Aroclor-1254 (2)					4.044	4.044	E3	0.00
26)	L8	Aroclor-1254 (3)					3.046	3.046	E3	0.00
27)	L8	Aroclor-1254 (4)					2.469	2.469	E3	0.00
28)	L9	Aroclor-1260 (1)	2.183	2.160	2.219	2.111	2.054	2.145	E3	3.00
29)	L9	Aroclor-1260 (2)	2.799	2.703	2.503	2.365	2.296	2.533	E3	8.49
30)	L9	Aroclor-1260 (3)	2.317	2.419	2.324	2.258	2.225	2.308	E3	3.22
31)	L9	Aroclor-1260 (4)	1.911	1.988	1.916	1.861	1.802	1.896	E3	3.65
32)	L9	Aroclor-1260 (5)	4.110	3.858	3.756	3.664	3.610	3.800	E3	5.20

(#) = Out of Range

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27974.D\ECD1A.CH Vial: 2
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27974.D\ECD2B.CH
Acq On : 30 Aug 2004 11:57 am Operator:
Sample : AR1660 500 ppb Inst : GC/ECD-1
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 19:23 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.77	4.54f	3123334	2144167	56.397	53.127
Spiked Amount 50.000			Recovery	=	112.79%	106.25%
2) S Decachlorbipheny	17.00	19.93f	4017662	2375355	43.547	54.003m
Spiked Amount 50.000			Recovery	=	87.09%	108.01%
Target Compounds						
3) L3 Aroclor-1016 (1)	4.25	5.38f	769738	479519	556.738	541.019
L3 Aroclor-1016 (2)	4.80	6.18f	1250483	1034044	526.042	551.621m
5) L3 Aroclor-1016 (3)	5.60	7.17f	2729050	1987296	554.216m	563.709
6) L3 Aroclor-1016 (4)	5.85	7.48f	970389	825110	552.670	535.461m
7) L3 Aroclor-1016 (5)	5.97	7.71f	620729	586886	554.180	676.884m
Sum Aroclor-1016 (1)			6340389	4912855	2743.845	2868.693
Average Aroclor-1016 (1)					548.769	573.739
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
28) L9 Aroclor-1260 (1)	9.40	12.04f	1384243	1161836	474.078	541.555m
29) L9 Aroclor-1260 (2)	10.08	12.74f	2868586	1306746	517.204m	515.834m
30) L9 Aroclor-1260 (3)	10.82	13.28f	2412988	1222394	506.767	529.584m
L9 Aroclor-1260 (4)	11.90	15.08f	1319461	986990	451.883	520.680m
32) L9 Aroclor-1260 (5)	12.93	15.82f	3423122	2063538	545.867m	543.098m
Sum Aroclor-1260 (1)			11408400	6741504	2495.799	2650.750
Average Aroclor-1260 (1)					499.160	530.150

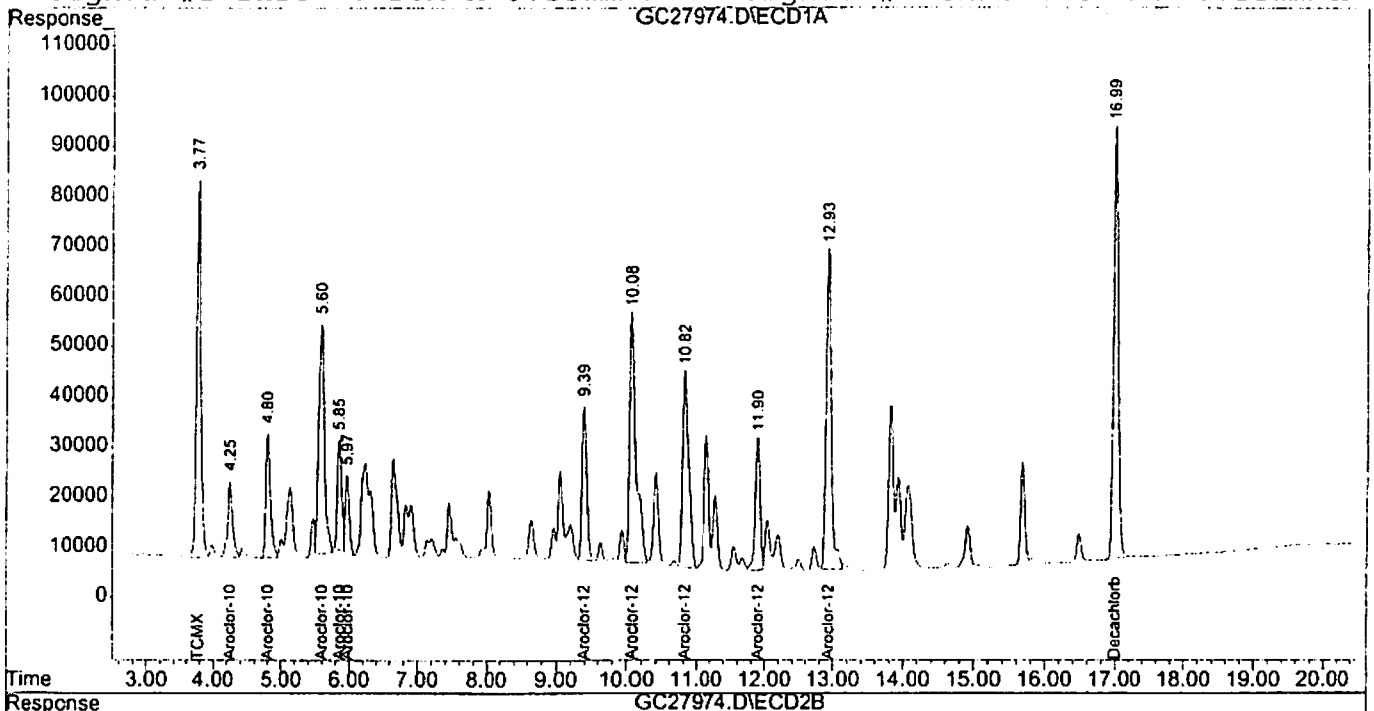
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

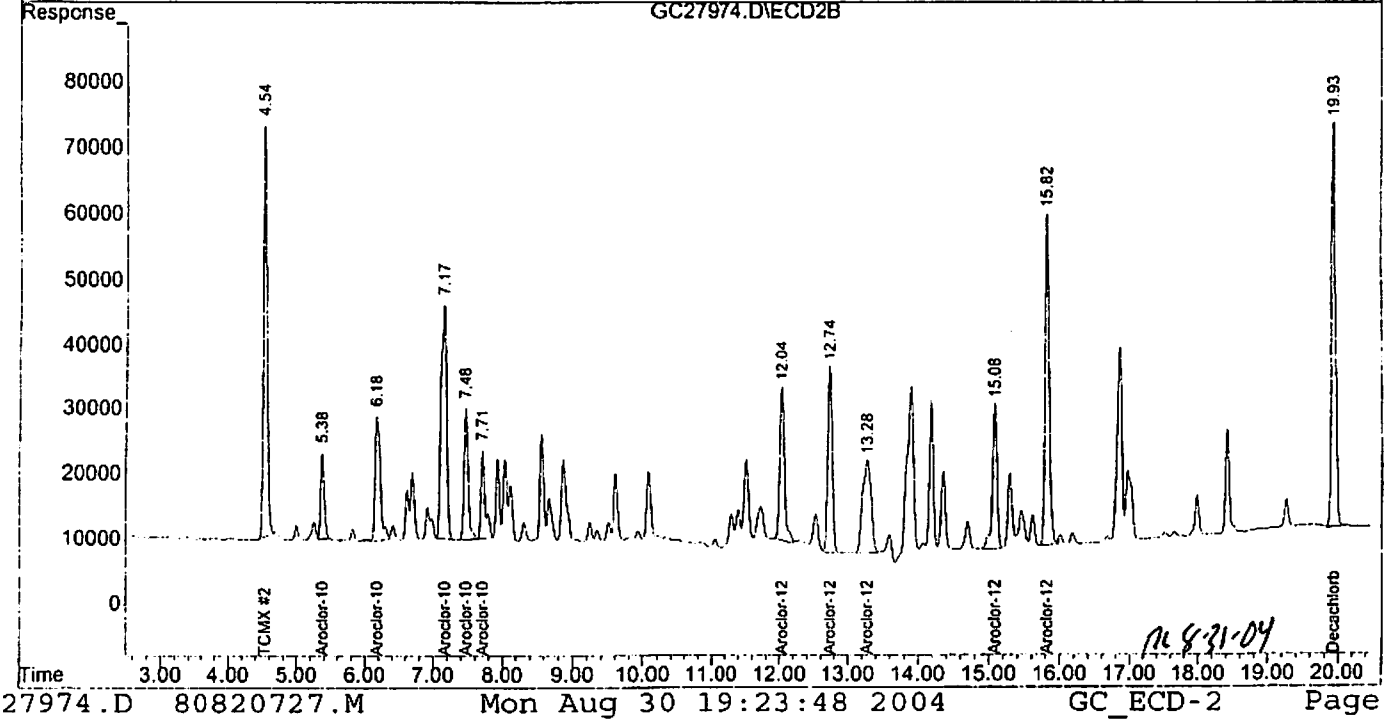
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27974.D\ECD1A.CH Vial: 2
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27974.D\ECD2B.CH
Acq On : 30 Aug 2004 11:57 am Operator:
Sample : AR1660 500 ppb Inst : GC/ECD-1
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 19:23 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08312004\GC27998.D\ECD1A.CH Vial: 2
Signal #2 : C:\HPCHEM\1\DATA\08312004\GC27998.D\ECD2B.CH
Acq On : 31 Aug 2004 11:17 am Operator:
Sample : AR1660 1248 1000 ppb Inst : GC/ECD-1
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 11:50 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Tue Aug 31 10:22:46 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
20) L7 Aroclor-1248 (1)	4.79	6.17f	943078	730946	964.196	967.958
21) L7 Aroclor-1248 (2)	5.59	7.16f	3401066	2417348	1021.708m	1056.229m
22) L7 Aroclor-1248 (3)	6.64	8.57f	2498390	1905520	1148.996	983.590m
23) L7 Aroclor-1248 (4)	6.82	8.87f	2484594	1609194	1174.452m	1025.896m
Sum Aroclor-1248 (1)			9327128	6663008	4309.352	4033.672
Average Aroclor-1248 (1)					1077.338	1008.418
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

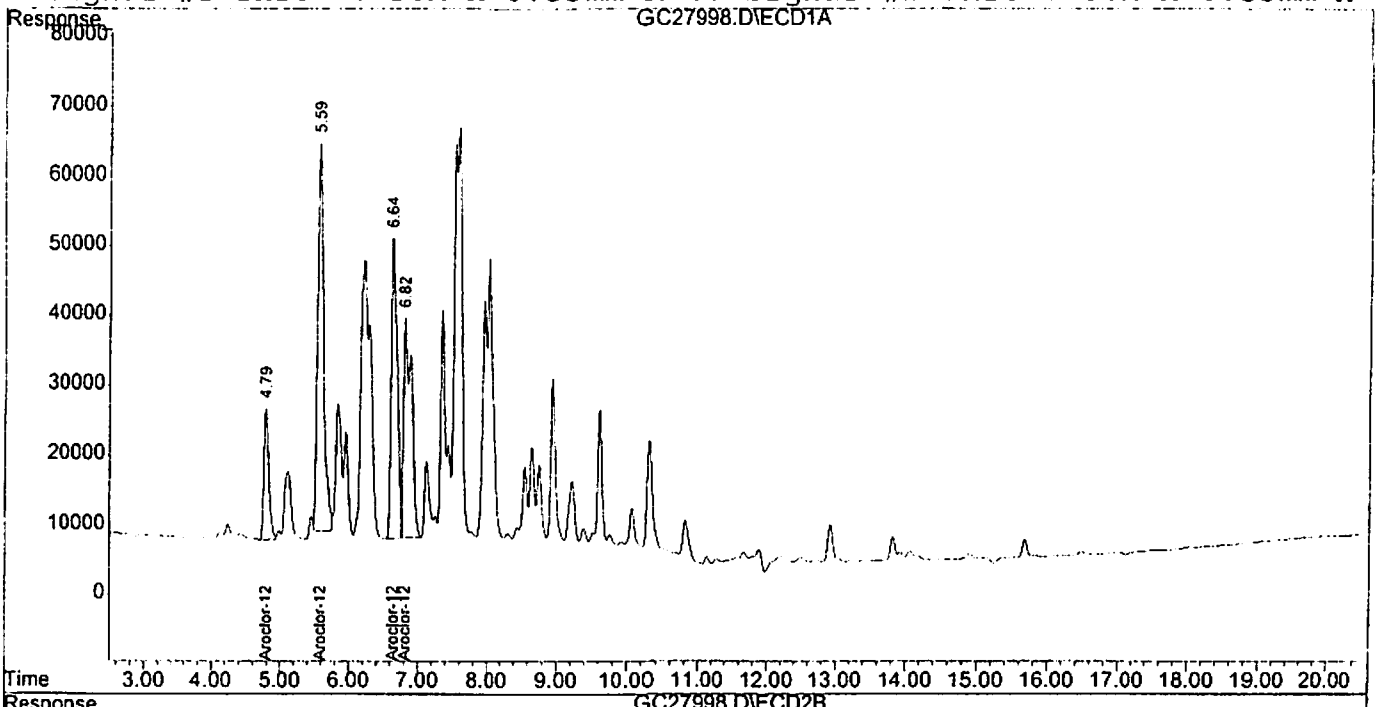
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

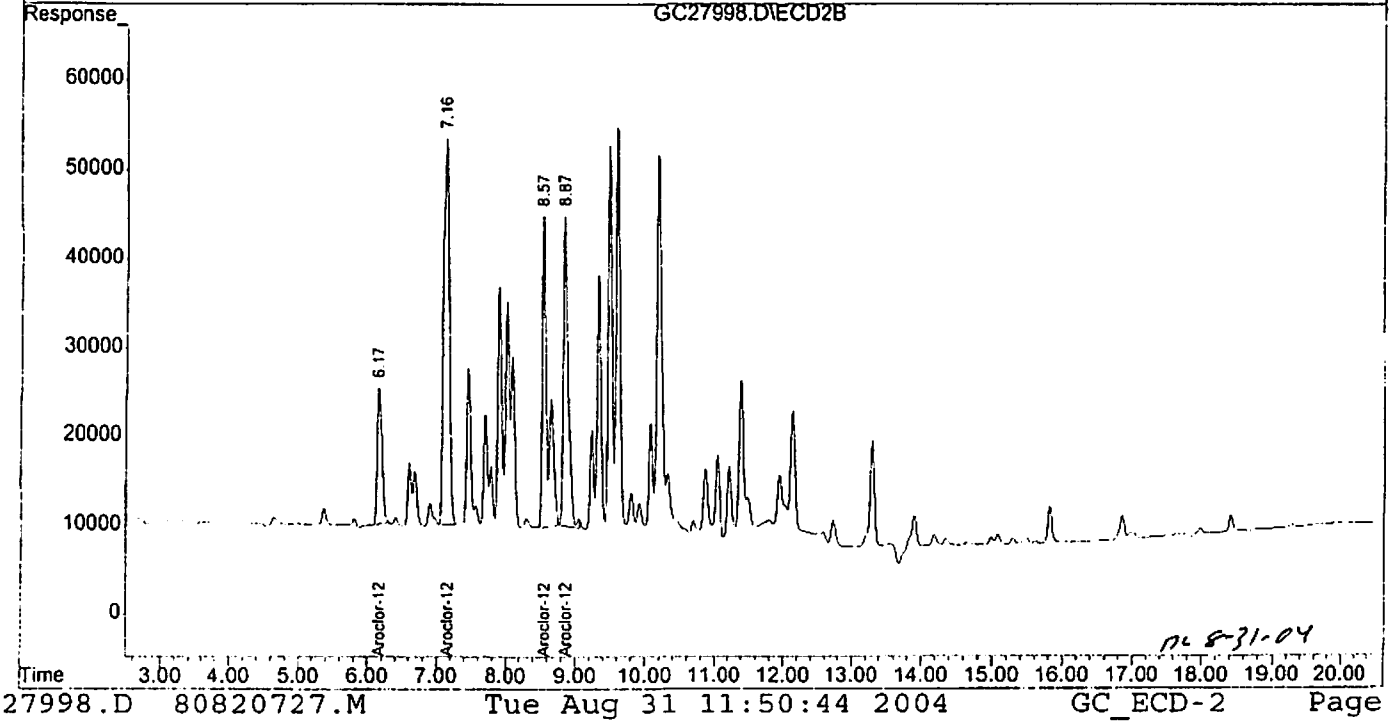
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08312004\GC27998.D\ECD1A.CH Vial: 2
Signal #2 : C:\HPCHEM\1\DATA\08312004\GC27998.D\ECD2B.CH
Acq On : 31 Aug 2004 11:17 am Operator:
Sample : AR1660 1248 1000 ppb Inst : GC/ECD-1
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 31 11:50 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Tue Aug 31 10:22:46 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42





pc 8-31-04

METHOD BLANK RESULTS SUMMARY

PCBS IN SOIL

The Method Blank Summarized On The Next Page Is Associated
With The Following Samples:

24081529-1

24081529-2

24081529-3

24081529-4

24081529-5

24081529-6

AQUA PRO-TECH LABORATORIES
Fairfield, NJ

PCB ANALYTICAL REPORT
Method 8082 S

Client:	Method Blank	**Lab Sample ID:**	SPC 240 BLK
Project:		**GC Run ID:**	GC27975
Sample ID:	SPC 240 BLK	**Extraction Date:**	8/27/04
Date Sampled:		**Sample Wt /Vol:**	30 g
Matrix: (soil/water):	Soil	**Final Volume (ml):**	10
% Moisture:	0%		
Concentration Units:	µg/kg		

Compound	Result	MDL	PQL	Qualifier	Date Analyzed	Dilution Factor
Aroclor 1016	ND	3.54	33	U	8/30/04	1
Aroclor 1221	ND	4.46	33	U	8/30/04	1
Aroclor 1232	ND	5.25	33	U	8/30/04	1
Aroclor 1242	ND	2.43	33	U	8/30/04	1
Aroclor 1248	ND	1.67	33	U	8/30/04	1
Aroclor 1254	ND	3.73	33	U	8/30/04	1
Aroclor 1260	ND	3.58	33	U	8/30/04	1

Qualifiers:

U - compound not detected at the specified detection limit

J - below PQL

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27975.D\ECD1A.CH Vial: 3
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27975.D\ECD2B.CH
Acq On : 30 Aug 2004 6:19 pm Operator:
Sample : SPC 240 Blk Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 19:18 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Initial Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) S TCMX	3.77	4.54f	2182377	1777341	39.406	44.038m
Spiked Amount 50.000			Recovery	=	78.81%	88.08%
2) S Decachlorbipheny	16.99	19.93f	3226509	1908429	34.972	43.387m
Spiked Amount 50.000			Recovery	=	69.94%	86.77%
Target Compounds						
Sum Aroclor-1016 (1)			0	0	N.D.	N.D.
Average Aroclor-1016 (1)					0.000	0.000
Sum Aroclor-1221 (1)			0	0	N.D.	N.D.
Average Aroclor-1221 (1)					0.000	0.000
Sum Aroclor-1232 (1)			0	0	N.D.	N.D.
Average Aroclor-1232 (1)					0.000	0.000
Sum Aroclor-1242 (1)			0	0	N.D.	N.D.
Average Aroclor-1242 (1)					0.000	0.000
Sum Aroclor-1248 (1)			0	0	N.D.	N.D.
Average Aroclor-1248 (1)					0.000	0.000
Sum Aroclor-1254 (1)			0	0	N.D.	N.D.
Average Aroclor-1254 (1)					0.000	0.000
Sum Aroclor-1260 (1)			0	0	N.D.	N.D.
Average Aroclor-1260 (1)					0.000	0.000

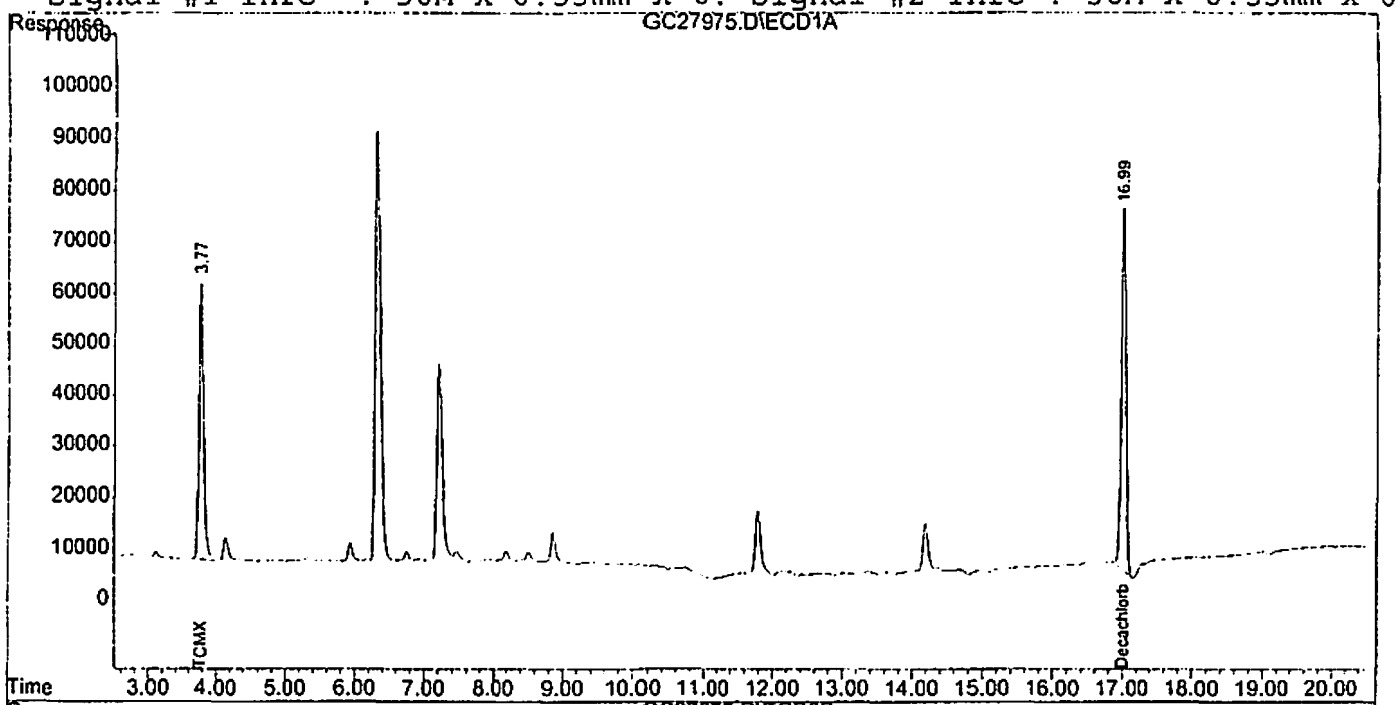
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

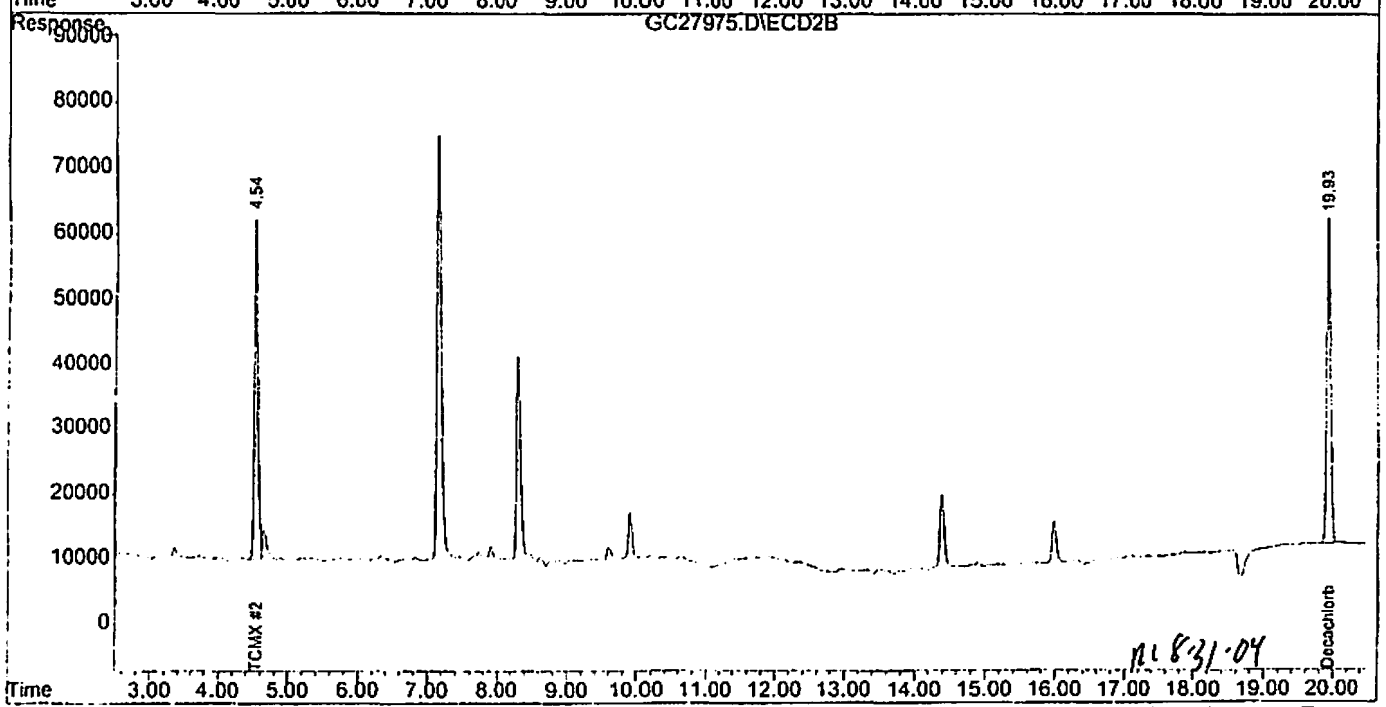
Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\08302004\GC27975.D\ECD1A.CH Vial: 3
Signal #2 : C:\HPCHEM\1\DATA\08302004\GC27975.D\ECD2B.CH
Acq On : 30 Aug 2004 6:19 pm Operator:
Sample : SPC 240 Blk Inst : GC/ECD-1
Misc : QGC0830 Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Aug 30 19:18 2004 Quant Results File: 80820727.RES

Quant Method : C:\HPCHEM\1\METHODS\80820727.M (Chemstation Integrator)
Title :
Last Update : Thu Aug 05 10:22:25 2004
Response via : Multiple Level Calibration
DataAcq Meth : 80820727.M

Volume Inj. : 2ul
Signal #1 Phase : RTx-50 Signal #2 Phase: RTx-CLPesticides II
Signal #1 Info : 30M x 0.53mm x 0. Signal #2 Info : 30M x 0.53mm x 0.42u





11 8/31/04

AQUA PRO-TECH LABORATORIES
QUALITY CONTROL REPORT
PCBs
RETENTION TIME SHIFT SUMMARY

BATCH NUMBER: QGC0830
INSTRUMENT ID: GC/ECD-2
GC COLUMNS USED: CLPesticides I & CLPesticides II
METHOD: 8082
MATRIX: Soil

SAMPLE NUMBER	DATE ANALYZED	TIME ANALYZED	TCMX COLUMN I MINUTES DIFF.	TCMX COLUMN II MINUTES DIFF.	DCBP COLUMN I MINUTES DIFF.	DCBP COLUMN I MINUTES DIFF.	NUMBER OUTSIDE QC LIMITS
SPC 240 BLK	8/30/04	18:19	0:00	0:00	0:01	0:00	0
SPC 240 BS	8/30/04	6:43	0:01	0:00	0:02	0:00	0
24081349-4 MS	8/30/04	17:03	0:01	0:01	0:00	0:00	0
24081349-4 MSD	8/30/04	17:27	0:01	0:01	0:00	0:00	0
24081529-1	8/30/04	19:07	0:01	0:00	0:02	0:00	0
24081529-2	8/30/04	19:32	0:01	0:00	0:02	0:00	0
24081529-3	8/30/04	19:56	0:01	0:00	0:02	0:00	0
24081529-4	8/30/04	20:20	0:01	0:00	0:03	0:00	0
24081529-5	8/30/04	20:44	0:02	0:01	0:03	0:00	0
24081529-6	9/1/04	8:21	0:01	0:01	0:00	0:01	0

QC LIMITS = +/- 0.05 minutes

* = Outside of QC Limits
D = No recovery, surrogates diluted out of sample.

3285335

NJA 3285335

DIAMOND AERSOL CORPORATION
62 ANTHONY ROAD
GLEN GARDNER NJ 08826

HORVATT TRUCKIN PAD 467 [illegible]

CLEAN HARBORS [illegible]
[illegible] ROAD
[illegible] OH [illegible]

OHD986978399

RQ POLYCHLORINATED BIPHENYLS 9 UN 2315
X ITI 9 UN 2315 III

CAP#A514-25

#088625

MARY [illegible]

ED SZYMANSKI

PD Szymanski

Richard Kaif

UNIFORM HAZARDOUS WASTE MANIFEST

NJ 0 0 4 9 6 4 4 4 1 8 | 2767

NJA 4112767

Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner NJ 08826
908 832 7882

SAME

Clean Harbors Env Services Inc | M A D 0 3 9 3 2 2 2 5 0 | 1 0 7 2 5 0 / 0 8 7 5 4 8

Horwith Trucks Inc | PAD 1467148788 | 800 622-1615 / 5 0 7 4 1 0 / 0 8 7 5 4 8

Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000 | O H D 9 8 6 9 7 5 3 9 9 | 610 261-2220 / 330 425-3825

PG Polychlorinated Biphenyls 9 UN2315 III
x III 9 UN2315 III

Est

XX1CMxxx15 Y

Additional Descriptions for Materials Listed Above

(G),(ERG#:171)

Site CR150453B

IN EMERGENCY CALL CHEM 800 645-8265
Ref# MC500295

CAN #2501

GENERATOR'S CERTIFICATION

Printed/Typed Name: George B. Diamond | Sign D. Diamond | 081503

Transporter 1 Acknowledgement of Receipt of Materials: ES Szymanski | Sign Szymanski | 082403

Printed/Typed Name: Elliot Maldonado | Elliot Maldonado | Month Day Year 08 20 03

Transporter 2 Acknowledgement of Receipt of Materials

State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 414, Trenton, NJ 08625-0414

4112765

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NJ0049644438
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826

4. Generator's Phone ( )

A. State Manifest Document Number: NJA 4112765

B. State Generator's ID-(Gen. Site Address): SAME

5. Transporter 1 Company Name: 800 832-7687
Clean Harbors Env Services Inc

6. US EPA ID Number: NAD039322250

C. State Trans. ID-NJDEP
Decal No.

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone ( ) 800 522-4645

E. State Trans. ID-NJDEP
Decal No.

9. Designated Facility Name and Site Address:
Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000

10. US EPA ID Number: OHD986975399

F. Transporter's Phone ( )

G. State Facility's ID

H. Facility's Phone ( ) 330 425-3825

11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
a. RQ, Polychlorinated biphenyls, 9, UN2315, PG III, 9, UN2315, III	X					
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
(S), (ERG#: 171)
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
CHI50433B
IN EMERGENCY CALL CHES 1-800-645-8265
WO# MS500295

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name | Signature | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name | Signature | Month Day Year

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-7172

P.O. Box 414 Trenton, NJ 08625-0414

UNIFORM HAZARDOUS WASTE MANIFEST

NJD049644438 12768

NJA 4112768

Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826
908-832-7882

SAME

Clean Harbors Env Services Inc — MAD039322250 — E07259

Hopewith Trucks Inc — PAD146714878 — 800 522-4645 — 0875 92

Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000 — OHD986975399 — 330 425-3825

RQ, Polychlorinated biphenyls, 9, UN2315, PG III, 9, UN2315, III

XX1CMXXX16Y

Additional Descriptions for Materials Listed Above

(S).(ERG#:171)

Handling Codes for Wastes Listed Above

Special Handling Instructions and Additional Information

CHI50433B

IN EMERGENCY, CALL CHES 1-800-645-8265
WO# MS500295

CAN # A667-20

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the [illegible] have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR [illegible] best waste management method that is available [illegible]

Printed Typed Name: Eric B. Diamond — Signature: [illegible] — Month Day Year: [illegible]

Transporter Acknowledgment of Receipt of Materials

Printed Typed Name: ED SZYMANSK. — Signature: Ed Szymanski — Month Day Year: 08 25 03

Transporter Acknowledgment of Receipt of Materials

Printed Typed Name: Elliot Maldonado — Signature: [illegible] — Month Day Year: 08 26 03

Discrepancy Indication Space: Resolved at discrepancy w/ Ralph Heinrich 8-29-03

Rec'd Ha. [illegible]

MD#2624

State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 414, Trenton, NJ 08625-0414

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NJD049644438 Manifest Document No.: 12769
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826

4. Generator's Phone: 908 832-7882

A. State Manifest Document Number: NJA 4112769

B. State Generator's ID (Gen. Site Address): SAME

5. Transporter 1 Company Name: Clean Harbors Env Services Inc
6. US EPA ID Number: MAD039322250

C. State Trans. ID-NJDEP: 507259
Decal No.: 087529

7. Transporter 2 Company Name: Horwith Trucks Inc
8. US EPA ID Number: PAD146714878

D. Transporter's Phone: 800 522-4645

E. State Trans. ID-NJDEP: 071110
Decal No.: 087529

9. Designated Facility Name and Site Address:
Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000

10. US EPA ID Number: OHD986975399

F. Transporter's Phone: 610 261-2220

G. State Facility's ID:

H. Facility's Phone: 330 425-3825

11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated biphenyls, 9, UN2315, PG X III, 9, UN2315, III		XX1	CM	EST. XXX15	Y	
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
(S),(ERG#:171)
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
11a CH150433B

IN EMERGENCY, CALL CHES 1-800-645-8265
WO# MS500295

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: X George B. Diamond — Signature: X [signature] — Month Day Year: 08 22 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RONALD F. EMM — Signature: Ronald F. Emm — Month Day Year: 08 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Elliot Maldonado — Signature: [signature] — Month Day Year: 08 25 03

19. Discrepancy Indication Space: Resolved wit discrepancy w/ Ralph Helmrich 8-27-03
Rec'd Ha. 14,145 kg (31,120 lb) av

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 19.
Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: [illegible]

State of New Jersey
Department of Environmental Protection
Division of Waste Reduction Programs

P.O. Box 414, Trenton, NJ 08625-0414

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's Name and Mailing Address

Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826

4. Generator's Phone 908 832 7882

2. State Manifest Document Number **NJA** 4112770

3. State Generator's ID (Gen. Site Address)

SAME

5. Transporter 1 Company Name: Clean Harbors Env Services Inc — EPA ID: MAD039322250

6. Transporter 2 Company Name: HORWITH TRKS INC — EPA ID: PAD146714878

7. Designated Facility Name and Site Address

Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000

EPA ID: OHD966975399

8. State Transporter's ID: LC 1250
Date: 08 25 50
9. Transporter's Phone: 800 522 4645
10. State Transporter's ID: 57710
Date: 08 7 5 5 6
11. Transporter's Phone: 610 261-2220
12. State Facility's ID
13. Facility's Phone: 330 425-3825

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

HM		Waste No.
X	RQ, Polychlorinated biphenyls, 9, UN2315, PG III, 9, UN2315, III	

J. Additional Descriptions for Materials Listed Above
(S),(ERG#:171)

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
CH150433B

IN EMERGENCY, CALL CHEM 1-800-645-8265
WO# MS500295

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

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Printed/Typed Name: George E. [illegible] — Signature: [illegible] — Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY L. ANDREWS — Signature: Jerry L. Andrews — Month Day Year: 09 8 26 05

19. Discrepancy Indication Space: Received not discrepancy w/ Ralph [illegible] 10/27/05 [illegible] 336 (b)(27.[illegible]) [illegible]

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Carmen Winter — Signature: [illegible] — Month Day Year: 08 3 7

Mat# 2593

State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 414, Trenton, NJ 08625-0414

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: NJD044944448 Manifest Tracking Number: 127171

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address:
Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826

A. State Manifest Document Number: NJA 4112771

B. State Generator's ID-Gen. Site Address: SAME

4. Generator's Phone: 908 832-7862

5. Transporter 1 Company Name: Clean Harbors Env Services Inc — 6. US EPA ID Number: MAD039322250

C. State Trans. ID-NJDEP: 50725 — Decal No.: 8875419

7. Transporter 2 Company Name: Horwith Trucks Inc — 8. US EPA ID Number: PAD114167148 78

D. Transporter's Phone: 800 532-4645

E. State Trans. ID-NJDEP: 5012210 — Decal No.: 8504485

8. Designated Facility Name and Site Address:
Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000

10. US EPA ID Number: OHD986975399

E. Transporter's Phone: 800 850-2685

G. State Facility's ID:

H. Facility's Phone: 330 425-3825

11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	Waste No.
a. 80, Polychlorinated biphenyls, 9, UN2315, PG III , 9, UN2315, III	X	XX	CM	XXX15Y EST.		
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
(S),(ERG#:171)
a. c.
b. d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
a CH150433B

IN EMERGENCY, CALL CHES 1-800-645-8265
WO# MS500295

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: George B Diamond — Signature: George B. Diamond — Month Day Year: 08 21 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RONALD F. EMM — Signature: Ronald F. Emm — Month Day Year: 08 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: LONNY J BRYFOGLE — Signature: Lonny J Bryfogle — Month Day Year: 08 22 03

19. Discrepancy Indication Space
Resolved wit discrepancy w/ Ralph Kilmuch 6-27-03
Rec'd lbs. 14,912 kg (32940 lb)/mw

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19.
Printed/Typed Name: Ralph Kilmuch — Signature: [illegible] — Month Day Year: [illegible]

UNIFORM HAZARDOUS WASTE MANIFEST

N J D 0 4 9 6 4 4 4 3 8 | 2773

NJA 4112773

Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826
908 832-7882

SAME

Clean Harbors Env Services Inc — M A D 0 3 9 3 2 2 2 5 0 — 507257 / 087530

Horwith Trucks Inc — PAD 1 4 6 7 1 4 8 7 8 — 800 522-4645 / 507110 / 086491

Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000 — O H D 9 8 6 9 7 5 3 9 9 — 800 220-8807 / 330 425-3825

RQ Polychlorinated biphenyls, 9, UN2315 PG
X III ~~9, UN2315, III~~

EST.
XX1CMXXX15Y

(S), (ERG#: 171)

✓

11a CHI50433B

IN EMERGENCY, CALL CHES 1-800-645-8265
WO# MS500295

16 GENERATOR'S CERTIFICATION:

X — X — 08 22 03

Ronald F. Emm — Ronald F. Emm — 08 22 03

Printed Typed Name: Lonny J Bryfogle — Lonny J Bryfogle — 08 22 03

Discrepancy Indication Space

UNIFORM HAZARDOUS WASTE MANIFEST

N J D 0 4 9 6 4 4 4 3 8

NJA 4112774

Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826
908 832-7882

SAME

Clean Harbors Env Services Inc — M A D 0 3 9 3 2 2 2 5 0

Herwith + Rucks Inc — PAD146714878

800 522-4645

Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000 — O N D 9 8 6 9 7 5 3 9 9

330 425-3825

RQ, Polychlorinated biphenyls, 9, UN2315, PG III, 9, UN2315, III

(S), (ERG#: 171)

15 Special Handling Instructions and Additional Information

11a CH150433B

IN EMERGENCY, CALL CHES 1-800-645-8265
WG# MS500295

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed Typed Name: MARY T DIAMOND — Signature: [illegible] — Month Day Year: 09 09 03

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed Typed Name: Ed SAYMANSKI — Signature: Ed Saymanski — Month Day Year: 09 09 03

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed Typed Name: John Reed — Signature: John Reed — Month Day Year: 09 09 03

19 Discrepancy Indication Space: Reached out discrepancy w/ Ralph Heinrich 9 11 03.

Rec'd 11a. 1036 Kgw

Note 2205

Department of Environmental Protection
Hazardous Waste Reduction Program
Warehouse Services
P.O. Box 414 Trenton, NJ 08625-0414

UNIFORM HAZARDOUS WASTE MANIFEST

NJD 0 4 9 4 4 4 4 3 0 12775

1. Generator's Name and Mailing Address

Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826
908 832-7882

2. State Manifest Document Number: **NJA** 4112775

3. State Generator's Certificate Site Address: SAME

4. Generator's Phone: 908 832-7882

5. Transporter 1 Company Name: Clean Harbors Env Services Inc — MAD039322250

6. Transporter 2 Company Name: Horwith Trucks INC — PAD146714878

7. Designated Facility Name and Site Address: Clean Harbors PPM LLC, 1672 East Highland Road, Twinsburg, OH 44087-0000 — OHD986975399

8. Facility's Phone: 330 425-3825

9. State Transporter's ID: NJDEP 800 532-1615

10. State Facility's ID

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) — 12. Containers No. Type — 13. Total Quantity — 14. Unit Wt./Vol.

a. RQ, Polychlorinated biphenyls, 9, UN2315 PG X III , 9, UN2315, III — 01 CM — 055 — 15 — Y

b.

c.

d.

J. Additional Descriptions for Materials Listed Above
(S), (ERG#:171)

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information ✓
IN EMERGENCY, CALL CHES 1-800-645-8265
WO# MS500295

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

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Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year: 08 21 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ronald F. Emm — Signature: Ronald F. Emm — Month Day Year: 08 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Elliot Maldonado — Signature: Elliot Maldonado — Month Day Year: 08 25 03

19. Discrepancy Indication Space
Number not accompanying Ralph [illegible] 8-27-03
[illegible] 12.209 (2-[illegible]) [illegible]

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Green Box 2575
6.6.9.800

State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program

UNIFORM HAZARDOUS WASTE MANIFEST

12779

NJA 4112779

Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826
908-832-7882

SAME

Clean Harbors Env Services Inc — MAD039322250

Horwith Trucks Inc. — PAD146714878

Clean Harbors PPM LLC
1672 East Highland Road
Twinsburg, OH 44087-0000 — OHD986975399

800 522-4645
7210
086492
610 2612220
330 425-3825

RQ, Polychlorinated biphenyls, 9, UN2315, PG
x III 9, UN2315, III

xx1cmxxx18Y

J. Additional Descriptions for Materials Listed Above
(S), (ERG# 171)

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
a CHI504338 ✓

IN EMERGENCY, CALL CHES 1-800-645-8265
wo# MS500295

2575

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed Typed Name: George B. Diamond — Signature: [signature] — Month Day Year: 082503

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Typed Name: ED SZYMANSKI — Signature: Ed Szymanski — Month Day Year: 082503

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Typed Name: Bill Cassium — Signature: [signature] — Month Day Year: 082503

19. Discrepancy Indication Space
Received w/ discrepancy w/ Ralph Hedmann 9-4-03
Rec'd Ha. 14,682 Rgov

Red Box = A70-25

CB 62,500

State of New Jersey
Hazardous Waste Regulatory Program
P.O. Box 414, Trenton, NJ 08625-0414

UNIFORM HAZARDOUS WASTE MANIFEST

NJD049644638 12472

State Manifest Document Number: NJA 4112780

Diamond Aerosol Corporation
62 Anthony Road
Glen Gardner, NJ 08826
908 832-7882

SAME

Clean Harbors Env Services Inc — MAD039322250

Horwith Trucks Inc — PAD146714878

Clean Harbors PPM LLC
9672 East Highland Road
Twinsburg, OH 44087-0000 — OHD986975399

330 425-3825

RQ, Polychlorinated biphenyls, 9, UN2315, PG III, 9, UN2315, III

XX1CMXXX14Y

(S), (ERG#:171)

CH1504328

IN EMERGENCY, CALL CHES 1-800-645-8265
wo# MS500295

CAN A702-25

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: XE[illegible] Diamond — Signature: X Gregory B Diamond — Month Day Year: 08 21 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: ED SZYMANSKI — Signature: Ed Szymanski — Month Day Year: 08 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Elliot Maldonado — Signature: Elliot Maldonado — Month Day Year: 08 28 03

19. Discrepancy Indication Space: Resolved wit discrepancy w/ Ralph Helmrich 9-4-03
Rec'd 11a. 12,291 kg cw

19995

NJA 5119995

George Diamond

07259

090349

Maumee Express, Inc

NJD 1866 3870

30059

00627

732 424-8441

003 DM00750 P

001 DM00250 P

001 DM00250 P

001 DM00150 P

O.S.D. 5/15/02

CH26599 (L/C) 2x55 1x30

CH26624 (L/T) 1x55

1x30

WIDEPE 07259 DECAL # 090349

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper

Joseph Ciccone

Joseph Ciccone

051503

Henry Gardner

Henry

051503

19996

NJA 5119996

Same

07259
090349

Pharmacy Express, Inc

NJ 5186 [illegible]

50069
006471
474 [illegible]

O.S.D. 5/15/02

0010F00020 P

1 x 5

WTDEDE 07259 Decal # 090349

Joseph Cicero

Joseph Cicero

05/15/03

Henry Gardner

[illegible]

10/15/03

19916

NJA 5119916

SAME

E07259

08/27/00

781 849-1800

336 342-6100

001DM00125P D001

002DF00020P D001

001DF00030P NONE

X LQ, Polychlorinated biphenyls, 9, UN2315, PG III

001DF000~~50~~18K NONE

LOOR UP 1000 (L I)

LOCAL 6/3/03

d' ~~CH 1504 338~~ (S)

CH 26608

HOUR EMERGENCY

max. chrcal. #81280

060303

Matthew J Schlesser

060303

13d change to 25 Kg

In case of all emergency or spill immediately

APPENDIX 4

BEI Disposal/Waste Manifests

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

150320

60
Cubic Yards

8161272 1
Receipt #

AD65298 NY
Trailer License Plate # and State

SCALE 2 84320 LB G
06:41 AM 03/09/07 12

Service Req. #

N/100407
Profile #

PA242
Permit #

US BULK
Transporter Name

327/327A
Tractor/Trailer/Roll-off #

SCALE 2 35200 LB G
07:54 AM 03/09/07 12

KEVIN HENRY
Driver's Name

George B. Diamond
Generator

49120 P
22281 K

Scheduled Arrival: Date Time

Actual Arrival: Date 633 Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☒ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In	Time Out	Initials	Comments

Stabilization

Time In	Time Out	Initials	Gross Wt.	Comments

Landfill

Time In	Time Out	Initials	Comments

Other

Time In	Time Out	Initials	Comments

Aqueous Treatment

Time In	Time Out	Signature (NO Initials)	Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper tarping or detarpin

✓ Overweight upon arrival

_____ Other (specify)

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NJD049644438	1	(800)424-9300	002571629 JJK

5. Generator's Name and Mailing Address
GEORGE B DIAMOND
62 ANTHONY RD
GLEN GARDNER NJ 08826-3001
Generator's Phone: (732) 969-8555

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: US PACK TRANSPORTATION INC. — U.S. EPA ID Number: PAD987347515

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, III NY100407	xxx1	DT	est. 20,000	K	D007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NY100407 - TSCA SOIL Recd 22281K SERVICE REQUEST # _____
QUANTITY IS ESTIMATED PCB OUT OF SERVICE DATE 3/8/07
ERG#171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: RALPH DYKE AGENT FOR GEORGE B DIAMOND — Signature: [signature] — Month 03 Day 08 Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: KEVIN M HENRY — Signature: [signature] — Month 03 Day 08 Year 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Erin Carter — Signature: [signature] — Month 3 Day 9 Year 07

GENERATOR — INTL — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

150321

50
Cubic Yards

81612722
Receipt #

AE 94114 NY
Trailer License Plate # and State

SCALE 1 87560 LB G
06:45 AM 03/09/07 I2

Service Req. #
NY100407
Profile #
PA 242
Permit #

US BULK TRANSPORT
Transporter Name

309 309A
Tractor/Trailer/Roll-off #

Scott Smith
Driver's Name

GEORGE DIAMOND
Generator

SCALE 2 35000 LB G
07:58 AM 03/09/07 I2

52560 P
23841 K

Scheduled Arrival: Date Time

Actual Arrival: Date Time In 634 Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☒ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In Time Out Initials Comments

Stabilization
Time In Time Out Initials Gross Wt. Comments

Landfill
Time In Time Out Initials Comments

Other
Time In Time Out Initials Comments

Aqueous Treatment
Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

	Smoking or eating in prohibited areas		Leaving truck unattended
	Failure to obey instructions of facility personnel		Failure to display overweight flag
	Failure to wear appropriate PPE		Improper tarping or detarpin
	Unsafe driving practices	✓	Overweight upon arrival
	Other (specify)		

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

CWM

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NJD049644438
2. Page 1 of: 1
3. Emergency Response Phone: (800) 424-9300
4. Manifest Tracking Number: 002571643 JJK

5. Generator's Name and Mailing Address
GEORGE B DIAMOND
62 ANTHONY RD
GLEN GARDNER NJ 08826-3001
Generator's Phone: (732) 989-8566

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: US BULK TRANSPORTATION INC
U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN3432, III NY100407	XXX 1	DT	est. 20000	K	D007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NY100407 - TSCA SOIL ERG# 171 SERVICE REQUEST # 23841K
QUANTITY IS ESTIMATED PCB OUT OF SERVICE DATE 3/8/07 EPA#171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: RALPH DAYKE AGENT FOR GEORGE B DIAMOND
Signature:
Month 03 Day 08 Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: SCOTT SMITH
Signature:
Month 03 Day 08 Year 07
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a
Printed/Typed Name:
Signature: Eileen Carter
Month 3 Day 9 Year 07

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Transporter Log
CWM Chemical Services, Inc.
Model City, NY

150319

Cubic Yards

81612720 — Receipt #
XCR 9906 PL — Trailer License Plate # and State
NY100407 — Service Req. #
Profile #
PL242 — Permit #
US BULK TRANSPORT — Transporter Name
381 321A — Tractor/Trailer/Roll-off #
RILK — Driver's Name
GLEN CHAPMAN — Generator

SCALE 1 70820 LB G
06:38 AM 03/09/07 I2

SCALE 2 33520 LB G
08:01 AM 03/09/07 I2

37300P
16919K

Scheduled Arrival: Date Time

Actual Arrival: Date Time In 631 Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

Receiving: Initials Comments

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify

☒ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory — Time In | Time Out | Initials | Comments

Stabilization — Time In | Time Out | Initials | Gross Wt. | Comments

Landfill — Time In | Time Out | Initials | Comments

Other — Time In | Time Out | Initials | Comments

Aqueous Treatment — Time In | Time Out | Signature (NO Initials) | Comments

Facility Personnel (please initial)

- Smoking or eating in prohibited areas
- Leaving truck unattended
- Failure to obey instructions of facility personnel
- Failure to display overweight flag
- Failure to wear appropriate PPE
- Improper tarping or detarpin
- Unsafe driving practices
- Overweight upon arrival
- Other (specify)

Security Guard Initials:
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NJD049644438	1	(800)424-9300	002571644 JJK

5. Generator's Name and Mailing Address
GEORGE B DIAMOND
6 ANTHONY RD
GLEN GARDNER NJ 08826-3001

Generator's Site Address (if different than mailing address)
SAME

Generator's Phone: (732) 969-8555

6. Transporter 1 Company Name: US BULK TRANSPORTATION INC — U.S. EPA ID Number: PAD 987347515

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

U.S. EPA ID Number: NYD049836679

Facility's Phone: (716) 754-8231

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN3432, III NY100407	XXX1	DT	est. 2000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NY100407 - TSCA SOIL ERG# 171 SERVICE REQUEST # Recd 22284K 16919K
QUANTITY IS ESTIMATED PCB OUT OF SERVICE DATE 3/8/07 ERG # 171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: PAUL DUKE AGENT FOR GEORGE B DIAMOND — Signature: [signature] — Month 03 Day 08 Year 07

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RICHARD STEVENSON — Signature: [signature] — Month 03 Day 08 Year 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: EILEEN CARTER — Signature: [signature] — Month 3 Day 9 Year 07

GENERATOR — INTERNATIONAL — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Pioneer Crossing LandfillTicket: PC 233169
727 Red Lane Road
Birdsboro, PA 19508 5 March 2007 10:09 am
Phone: (610) 582-2900 5 March 2007 10:35 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: FJB01 PA AF18094
HATBORO, PA 19040
Inbound - NONE

Contract: 4399-506-OSHL [illegible]
Reference:
01 Gross Weight 68,440.00 lb
Tare Weight 26,380.00 lb
Net Weight 42,060.00 lb 21.03 TN

Quantity	Unit	Description	Rate	Tax	Total
21.03	TN	79 [HT] 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 [HT] Transportation			

Net Amount:
Tendered:

Weighmaster: Patty Driver

Patty Updegrove-PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

Pioneer Crossing LandfillTicket: PC 233171
727 Red Lane Road
Birdsboro, PA 19508 5 March 2007 10:20 am
Phone: (610) 582-2900 5 March 2007 10:45 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: FJB03 PA AEF3964
HATBORO, PA 19040
Inbound - NONE

Contract: 4399-506-OSHL [illegible]
Reference:
01 Gross Weight 71,220.00 lb
Tare Weight 21,440.00 lb
Net Weight 49,780.00 lb 24.89 TN

Quantity	Unit	Description	Rate	Tax	Total
24.89	TN	79 [HT] 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 [HT] Transportation			

Net Amount:
Tendered:

Weighmaster: Patty Driver

Patty Updegrove-PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

Pioneer Crossing LandfillTicket: PC 233172
727 Red Lane Road
Birdsboro, PA 19508 5 March 2007 10:14 am
Phone: (610) 582-2000 5 March 2007 10:47 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: PA AF30815
HATBORO, PA 19040

Inbound - NONE

Contract: 4399-506-OSHL
Reference:
01 Gross Weight 69,900.00 lb
Tare Weight 27,600.00 lb
Net Weight 42,300.00 lb

Quantity	Unit	Description	Rate	Tax	Total
21.15	TN	79 CHTJ 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 CHTJ Transportation			

Net Amount:
Tendered:

Weighmaster: Patty Updegrove-PA:060484 Driver

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

Pioneer Crossing LandfillTicket: PC 233188
727 Red Lane Road
Birdsboro, PA 19508 5 March 2007 11:05 am
Phone: (610) 582-2000 5 March 2007 11:39 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: PA AF24210
HATBORO, PA 19040

Inbound - NONE

Contract: 4399-506-OSHL
Reference: DIAMOND AEROSOL
01 Gross Weight 70,100.00 lb
Tare Weight 26,100.00 lb
Net Weight 43,900.00 lb

Quantity	Unit	Description	Rate	Tax	Total
21.99	TN	79 CHTJ 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 CHTJ Transportation			

Net Amount:
Tendered:

Weighmaster: Patty Updegrove-PA:060484 Driver

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

Pioneer Crossing LandfillTicket: PC 233195
727 Red Lane Road
Birdsboro, PA 19508 6 March 2007 11:03 am
Phone: (610) 582-[illegible] 6 March 2007 11:56 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: [illegible] AF06806
HATBORO, PA 19040

Inbound: NONE

Contract: 4399-506-OSHL-[illegible]
Reference: DIAMOND AEROSOL [illegible]
01 Gross Weight 68,140.00 lb
Tare Weight 24,640.00 lb
Net Weight 43,500.00 lb 21.75 TN

Quantity	Unit	Description	Rate	Tax	Total
21.75	TN	79 [HTI] 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 [HTI] Transportation			

Net Amount:
Tendered:

Weighmaster: Patty Updegrove-PA#060484 Driver

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

Pioneer Crossing LandfillTicket: PC 233198
727 Red Lane Road
Birdsboro, PA 19508 5 March 2007 11:28 am
Phone: (610) 582-[illegible] 5 March 2007 12:06 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: [illegible] AE93892
HATBORO, PA 19040

Inbound: NONE

Contract: 4399-506-OSHL-[illegible]
Reference: DIAMOND AEROSOL [illegible]
01 Gross Weight 65,240.00 lb
Tare Weight 26,500.00 lb
Net Weight 38,740.00 lb 19.37 TN

Quantity	Unit	Description	Rate	Tax	Total
19.37	TN	79 [HTI] 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 [HTI] Transportation			

Net Amount:
Tendered:

Weighmaster: Anne White - PA-062036 Driver

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

Pioneer Crossing Landfill Ticket: PC 233254
727 Red Lane Road
Birdsboro, PA 19508 5 March 2007 2:50 pm
Phone: (610) 582-2000 5 March 2007 3:43 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: PA AEF3964
HATBORO, PA 19040

Inbound - NONE

Contract: 4399-506-OSHL-NUMMIT
Reference: DIAMOND AEROSOL
01 Gross Weight 66,800.00 lb
Tare Weight 26,940.00 lb
Net Weight 39,860.00 lb 19.93 TN

Quantity	Unit	Description	Rate	Tax	Total
19.93	TN	79 [HTI] 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 [HTI] Transportation			

Net Amount:
Tendered:

Weighmaster: Anne White - PA-062036 Driver

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

Pioneer Crossing Landfill Ticket: PC 233257
727 Red Lane Road
Birdsboro, PA 19508 5 March 2007 3:03 pm
Phone: (610) 582-2000 5 March 2007 3:50 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: PA AF18094
HATBORO, PA 19040

Inbound - NONE

Contract: 4399-506-OSHL-NUMMIT
Reference: DIAMOND AEROSOL
01 Gross Weight 68,520.00 lb
Tare Weight 26,060.00 lb
Net Weight 42,460.00 lb 21.23 TN

Quantity	Unit	Description	Rate	Tax	Total
21.23	TN	79 [HTI] 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 [HTI] Transportation			

Net Amount:
Tendered:

Weighmaster: Anne White - PA-062036 Driver

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

Pioneer Crossing Landfill Ticket: PC 233267
727 Red Lane Road
Birdsboro, PA 19508 5 March 2007 3:54 pm
Phone: (610) 582-2900 5 March 2007 4:32 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: RJ882 PA AF30815
HATBORO, PA 19040

Inbound - NONE

Contract: 4399-506-OSHL-HUNTOJ
Reference:
01 Gross Weight 69,900.00 lb
Tare Weight 27,360.00 lb
Net Weight 42,540.00 lb 21.27 TN

Quantity	Unit	Description	Rate	Tax	Total
21.27	TN	79 [HT] 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	T7 [HT] Transportation			

Net Amount:
Tendered:

Weighmaster: Anne White - PA-062036 Driver

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

SHIPPER
PER

Diamond Aerosol - Disposal

Date	Pioneer Crossing Ticket#	Net Tonnage
6/27	245682	19.74
6/27	245683	18.43
6/27	245684	18.74
6/27	245688	19.98
6/27	245689	20.34
6/27	245690	20.15
6/27	245694	22.83
6/27	245695	19.47
6/27	245698	23.54
6/27	245756	21.78
6/27	245757	22.14
6/27	245758	24.05
6/27	245761	22.66
6/27	245763	24.09
6/27	245767	23.30
6/27	245768	21.22
6/27	245774	22.43
6/28	245820	17.75
6/28	245821	20.85
6/28	245824	19.93
6/28	245831	22.14
6/28	245832	23.60
6/28	245837	23.71
6/28	245840	22.48
6/28	245849	23.86
6/28	245854	27.05
6/28	245892	20.81
6/28	245894	22.67
6/28	245896	24.20
6/28	245905	23.91
6/28	245906	19.99
6/28	245911	20.39
6/28	245912	22.06

Date	Pioneer Crossing Ticket#	Net Tonnage
6/29	245966	20.02
6/29	245968	20.77
6/29	245969	19.52
6/29	245981	22.39
6/29	245983	21.85
6/29	245984	21.47
6/29	245996	16.86
6/29	246000	23.21
6/30	246090	18.53
		904.91

INVOICE # 6022 7-31-07

Pioneer Crossing Landfill Ticket: PC 245682
727 Red Lane Road
Birdsboro, PA 19508 27 June 2007 9:47 am
Phone: (610) 582-2[illegible] 27 June 2007 10:10 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: [illegible] AE03762
HAIBORO, PA 19040

Contract: 4399-509-[illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight 23,[illegible]
Net Weight 39,480[illegible]

Quantity	Unit	Description	Rate	Tax	Total
19.74	TN	82 [HT] 509 Waste& Machine [illegible]	[illegible]	Debr	

Amount:
Tendered:

Weighmaster: [signature] Driver: _____
Patty Updegrove PA:060484
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . .

Manifest Document No. . . . .

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AE03762

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: 227

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: X David Buckman

Signature: X [signature] for Atlantic Response

Month 06 Day 27 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: B Oswalt

Signature: [signature]

Month 06 Day 27 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [signature]

Signature: [signature]

Month 06 Day 27 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket: PC 245683
727 Red Lane Road
Birdsboro, PA 19508 27 June 2007 9:49 am
Phone: (610) 582-2[illegible] 27 June 2007 10:13 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: [illegible] PA AF23367
HATBORO, PA 19040

Contract: 4399-509-OGHL [illegible]
Reference:
01 Gross Weight [illegible]
Tare Weight 23,[illegible]
Net Weight 36,860.[illegible]

Quantity	Unit	Description	Tax	Total
18.43	TN	82 [illegible] 509 Waste& Machine [illegible]	[illegible]ebr	

[illegible]mount:
[illegible]endered:

Weighmaster: [signature] Driver [signature]
Patty Updegrove PA 060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 23367

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 243

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Buckman
Signature: for Atlantic Response
Month 06 Day 27 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: K McWhe
Signature:
Month 06 Day 27 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Signature
Month 6 Day 27 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket 245684
727 Red Lane Road
Birdsboro, PA 19508 27 June 2007 9:51 am
Phone: (610) 582-2[illegible] 27 June 2007 10:17 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC Ve[illegible] DV[illegible] AE70694
HATBORO, PA 19040
[illegible] NONE

Contract: 4199-509-OSHC-[illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight: 26,[illegible]
Net Weight: 37,480[illegible]

Quantity	Unit	Description		Tax	Total
18.74	TN	82 CHTI 509 Waste& Machine [illegible]	Debr		

Amount:
Tendered:

Weighmaster: Driver:
Patty Updegrove PA 060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . .

Manifest Document No. . . . . .

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: EMPIRE WRECKING

6. US EPA ID Number: PAD 082497386

A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number: 100346

C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AE 70694

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: 229

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Backman

Signature: [signature] For ATLantic Resources

Month 06 Day 27 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: X Martin Rausch

Signature: X [signature]

Month 06 Day 27 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [signature]

Signature: [signature]

Month 6 Day 27 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Tickets 245688
[illegible] Red Lane Road
Birdsboro, PA 19008 27 June 2007 9:50 am
Phone: (810) 582-2[illegible] 27 June 2007 10:25 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: [illegible] PA-AE03770
HATBORO, PA 19040 [illegible] NONE

Contract: 4399-509-[illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight 25,1[illegible]
Net Weight 39,960.[illegible]

Quantity	Unit	Description	Tax	Total
19.98	TN	82 [HT] 509 Waste& Machine [illegible]	[illegible]	[illegible]

Net Amount:
Amendered:

Weighmaster: _____ Driver _____
Patty Underwood PA 060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 0377D

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 226

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Buckman
Signature: For Atlantic Response
Month Day Year: 06 27 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year: 06 27 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Signature
Month Day Year: 6 27 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing LandfillTicket: PC 245689
727 Red Lane Road
Birdsboro, PA 19508 27 June 2007 9:59 am
Phone: (610) 582-2900 27 June 2007 10:27 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: DV[illegible] AE03768
HATBORO, PA 19040
Inbound: NONE

Contract: 4399-509-OSHU-[illegible]
Reference:
01 Gross Weight 6[illegible]
Stored Tare Weight 25,040.00 lb
Net Weight 40,680.00 lb 20.34 TN

Quantity	Unit	Description	Rate	Tax	Total
20.34	TN	82 [HT] 509 Waste& Machine Oil Contam Soil/Debr			

Net Amount:
Tendered:

Weighmaster: _____ Driver _____
Patty Updegrove-PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002497386
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 03768

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 222

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Bustman | Signature: [signature] For Atlantic Response | Month 06 Day 27 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: X JEFF SNIDER | Signature: X [signature] | Month 06 Day 27 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [signature] | Signature: [signature] | Month 06 Day 27 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

er Crossing LandfillTicket: 245690
Red Lane Road
irdsboro, PA 19508 27 June 2007 10:04 am
Phone: (610) 582-2900 27 June 2007 10:29 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: DUC261 PA AF44949
HATBORO, PA 19040
Inbound - NONE

Contract: 4399-509-OSHL-[illegible]
Reference:
01 Gross Weight [illegible] lb
Tare Weight 28,260.00 lb
Net Weight 40,300.00 lb [illegible]

Quantity	Unit	Description	Rate	Tax	Total
20.15	TN	82 [HT] 509 Waste& Machine Oil Contam. Coll/Debr			

Net Amount:
Tendered:

Weighmaster: _____ Driver _____
Patty Updegrove-PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AF 44949

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: DVC-251

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Buchman

Signature: for Atlantic Response

Month | Day | Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: DAN Lerah

Signature

Month 06 | Day 21 | Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month | Day | Year

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing LandfillTicket: PC 245694
727 Red Lane Road
Birdsboro, PA 19508 27 June 2007 10:19 am
Phone: (610) 582-2900 27 June 2007 10:41 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: DV6237 AE80453
HATBORO, PA 19040
Inbound: NONE

Contract: 4399-509-OSHL [illegible]
Reference:
01 Gross Weight 71,[illegible].00 lb
Stored Tare Weight 25,[illegible].00 lb
Net Weight 45,660.00 lb [illegible]

Quantity	Unit	Description	Rate	Tax	Total
22.83	TN	82 [HT] 509 Waste& Machine [illegible] Contam Soil/Debr			

Net Amount:
Tendered:

Weighmaster: _____ Driver _____
Patty Updegrove-PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
EMPIRE WRECKING	PAD 002497386	(800) 884-8026
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
PIONEER CROSSING LANDFILL 727 RED LANE ROAD BIRDSBORO, PA 19508	100346	(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 80453

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 237

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Bartlett	[signature] For Atlantic Response	06	27	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bill Witwer	[signature]	06	27	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	6	27	07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket: PC 245695
722 Red Lane Road
Birdsboro, PA 19508 27 June 2007 10:23 am
Phone: (610) 582-2900 27 June 2007 10:44 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC Vehicle: DUMPER AF17040
HATBORO, PA 19040

Contract: 4399-509-OSHL
Reference:
01 Gross Weight [illegible]
Tare Weight 24,9[illegible]
Net Weight 38,940.00 lb

Quantity	Unit	Description	Tax	Total
19.47	TN	82 [HT] 509 Waste& Machine [illegible] Debr		

Check Amount:
Tendered:

Weighmaster: Patty Opdegrove-PA:060484 Driver

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NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
EMPIRE WRECKING	PAD 002497386	(800) 884-8026
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
PIONEER CROSSING LANDFILL 727 RED LANE ROAD BIRDSBORO, PA 19508	100346	(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF17040

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 240

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Beckman	[signature] For Atlantic Response	06	27	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
X Michael C. Kost	X [signature]	06	27	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	06	27	07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Landfill Ticket: 245698

Red Lane Road

Birdsboro, PA 19508 27 June 2007 10:24 am

Phone: (610) 582-2 27 June 2007 10:51 am

004399

ALLIED ENVIRONMENTAL GROUP

C/O CLEAN EARTH INC. Vehicle AF07975

HAIBORO, PA 19040

Contract: 4399-509-

Reference:

01 Gross Weight

Tare Weight 83,4

Net Weight 47,080

Quantity	Unit	Description	Tax	Total
23.54	TN	02 CHTJ 509 Waste& Machine Debr		

Amount:

Rendered:

Weighmaster: Driver:

Party Undergrove PA 060484

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
EMPIRE WRECKING	PAD 002497386	(800) 884-8026
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
PIONEER CROSSING LANDFILL 727 RED LANE ROAD BIRDSBORO, PA 19508	100346	(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 07975

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW-2

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Backman	[signature] For Atlantic Response	06	27	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
X Scott Senft	X [signature]	06	27	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	6	27	07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket: 245706

[illegible] Road

Fairlesboro, PA 19508 27 June 2007 2:37 pm

Phone: (610) 582-[illegible] 27 June 2007 3:02 pm

004399

ALLIED ENVIRONMENTAL GROUP

C/O [illegible] EARTH INC. Vehicle: DVC229 AE70694

HATBORO, PA 19040

Contract: 4399-506-OS[illegible]

Reference: DIAMOND AERO[illegible]

01 Gross Weight

Stored Tare Weight

Net Weight 43,[illegible]

Quantity	Unit	Description	Tax	Total
21.78	TN	79 [HT] 506 Spill Residues	[illegible]	
1.00	LD	17 [HT] Transportation		

Amount:

Tendered:

Weighmaster: Driver:

Anne White DA2060036

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
EMPIRE WRECKING	PAD 002497386	(800) 884-8026
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
PIONEER CROSSING LANDFILL 727 RED LANE ROAD BIRDSBORO, PA 19508	100346	(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 70694

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 229

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
RALPH DAYRE AS AGENT FOR	[signature]	06	27	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Martin J Rausch	[signature]	06	27	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Anne White	[signature]	6	27	07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket: [illegible] 245757
[illegible] Road
[illegible] 19508 27 June 2007 8:49 pm
Phone: (610) [illegible] 27 June 2007 3:11 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: DVC[illegible] PA AF44949
HATBORO, PA 19040
[illegible] MONE[illegible]
Contract: 399-506-[illegible]
Reference: DIAMOND [illegible]
01 Gross Weight [illegible]
Tare Weight [illegible]
Net Weight 44,[illegible]

Quantity	Unit	Description		Total
22.14	TN	79 CHTI 506 Spill Residues	[illegible]	
1.00	LD	17 CHTI Transportation		

Net Amount:
Rendered:

Weighmaster: [signature] Driver: [signature]
Anne White - PA 062036
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . .

Manifest Document No. . . . .

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AF 44949

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: 251

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR

Signature: [signature]

Month 06 Day 27 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Dan Lowell

Signature: [signature]

Month 06 Day 27 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White

Signature: Anne White

Month 6 Day 27 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pico [illegible] rossing Landfill Ticket [illegible] 245758

[illegible] Lane Road

[illegible] PA 19508 27 June 2007 8:50 pm

Phone: (610) 582-29[illegible] 27 June 2007 3:15 pm

[illegible]

[illegible] ENVIRONMENTAL GROUP

[illegible] EARTH INC Vehicle: DVC826 PA-AE03770

HAMBURG, PA 19040

Contract: 4399-506-[illegible]

Reference: DIAMOND AEROS[illegible]

01 Gross Weight [illegible]

Stored Tare Weight [illegible]

Net Weight [illegible]

Quantity	Unit	Description	Tax	Total
24.05	TN	79 [illegible] 506 Spill Residue[illegible]		
1.00	LD	17 [illegible] Transportation		

Weighmaster: Anne White - PA-062036

Driver

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 03770

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 226

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR
Signature:
Month 06 Day 27 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month 06 Day 27 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

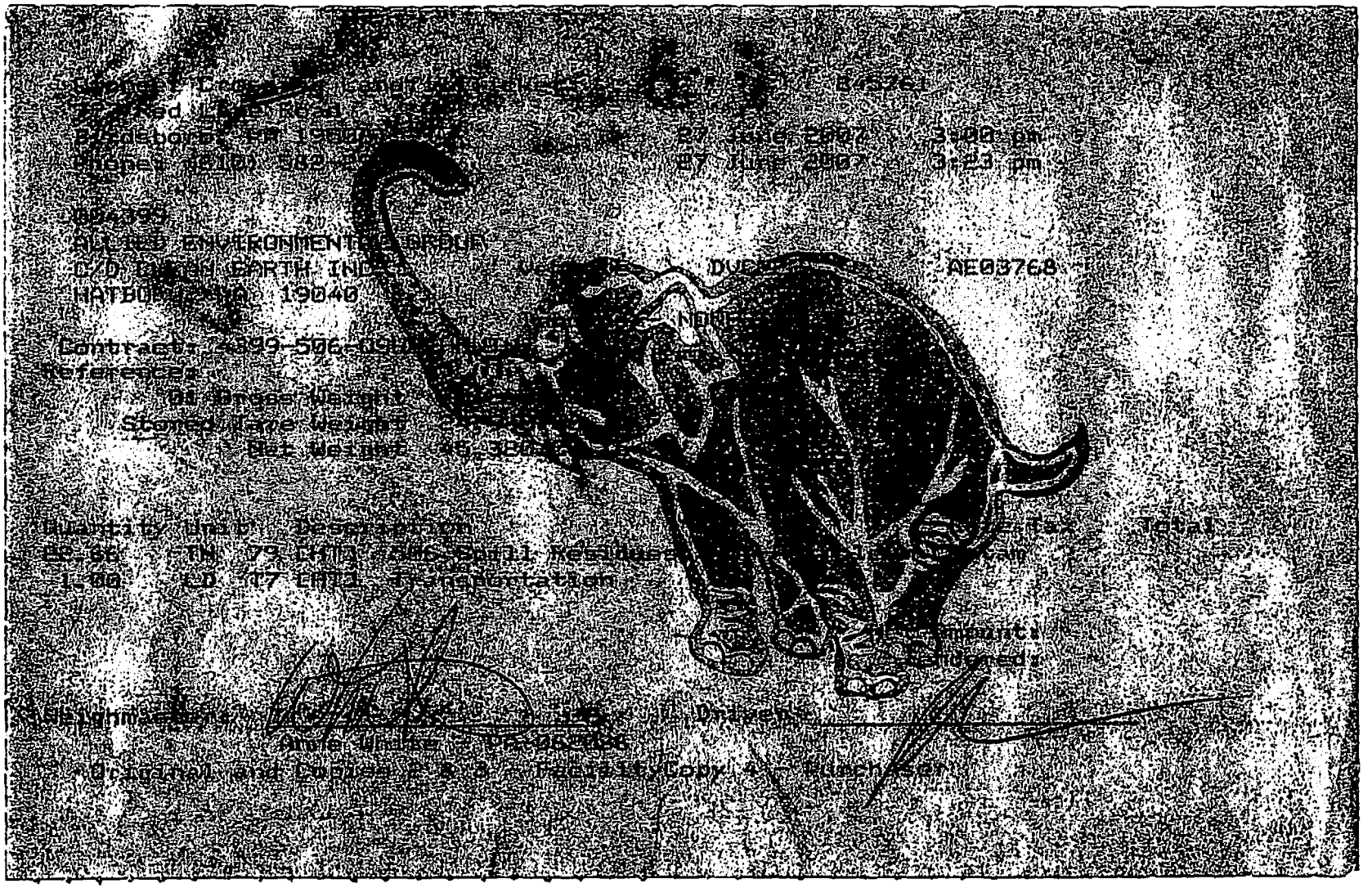
Printed/Typed Name: Anne White
Signature: Anne White
Month 06 Day 27 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR


27 June 2007 3:00 pm
27 June 2007 3:23 pm
ALLIED ENVIRONMENTAL GROUP
AE03768
Contract:
References:
Stored Tare Weight
Net Weight
Quantity Unit Description
Total
1.00 LD T7 [MT] Transportation
Driver
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD.002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 03768

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 222

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYLE AS AGENT FOR | Signature | Month 10.6 | Day 27 | Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JEFF SNYDER | Signature | Month 10.6 | Day 27 | Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White | Signature: Anne White | Month 10 | Day 27 | Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Red Lane Road
Birdsboro, PA 19508
Phone: (610) 502-2
004389
ALLIED ENVIRONMENTAL GROUP
C/O [illegible] EARTH INC
HATFORD, PA 19040

27 June 2007 3:04 pm
27 June 2007 3:29 pm

AE80453

Contract: 4399-506-OSM
Reference: DIAMONDLAERO
01 Gross Weight
Stored Tare Weight 2
Net Weight 48,180

Quantity	Unit	Description	Tax	Total
24.09	TN	79 [illegible] 506 Spill Residues		
1.00	LD	17 [illegible] Transportation		

Amount Rendered

Weighmaster: Anne White - PA 068036

Driver:

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 80453

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 237

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR — Signature: [signature] — Month 06 Day 27 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bill Wilson — Signature: [signature] — Month 06 Day 27 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White — Signature: [signature] — Month 06 Day 27 Year 07

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL - RETURN TO GENERATOR

245767

Road

Bloomsburg, PA 19508 27 June 2007 3:14 pm

Phone: (610) 582-[illegible] 27 June 2007 3:44 pm

004399

ALLIED ENVIRONMENTAL GROUP

C/O [illegible] EARTH INC. Vehicle: DVC[illegible] AF17040

HATBORO, PA 19040

Contract: 4399-506-[illegible]

Reference: DIAMOND [illegible]

01 Gross Weight [illegible]

Tare Weight [illegible]

Net Weight [illegible]

Quantity	Unit	Description	Tax	Total
23.30	TN	79 [illegible] 506 Spill Residues	[illegible]	
1.00	LD	37 [illegible] Transportation		

Net Amount:

Amount Rendered:

Weighmaster: Anne White - PA-062036

Driver:

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD.002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 17040

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 240

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: PAUL DAYKE AS AGENT FOR
Signature:
Month Day Year: 06 27 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael C. Kost
Signature:
Month Day Year: 06 27 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White
Signature: Anne White
Month Day Year: 06 27 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Crossing Landfill [illegible] 245768
[illegible] Road
[illegible] PA 19508 27 June 2007 3:17 pm
[illegible] 27 June 2007 3:47 pm

[illegible]
[illegible] ENVIRONMENTAL GROUP
[illegible] EARTH INC [illegible] AF07975
[illegible] 19040

Contract: 4390-506 [illegible]
Reference: DIAMOND [illegible]
01 Gross Weight [illegible]
Tare Weight [illegible]
Net Weight [illegible]

Quantity	Unit	Description	Tax	Total
21.22	TN	79 [illegible] Spill Residues	[illegible]	
1.00	LB	17 [illegible] Transportation		

Amount:
Tendered:

Weighmaster: [signature] Driver [signature]
Anne [illegible] PA [illegible]
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF07975

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW-2

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR
Signature:
Month Day Year: 06 27 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott Senft
Signature:
Month Day Year: 06 27 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White
Signature: Anne White
Month Day Year: 06 27 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket: PO 245774
127 Red Lane Road
Birdsboro, PA 19508 27 June 2007 3:49 pm
Phone: (610) [illegible] 2900 27 June 2007 4:03 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN [illegible] INC. Vehicle: [illegible] AE03762
HATBORO, PA [illegible]
Inbound: NONE
Contract: [illegible]-506-OSHA-HUNTING
Reference: DIAMOND AEROSOL/GLEN GARDNER
#1 Gross Weight 68,[illegible] lb
Stored Tare Weight 23,[illegible] lb
Net Weight 44,[illegible] lb 22.43 [illegible]

Quantity	Unit	Description	Rate	Tax	Total
22.43	TN	79 EHTI 506 Spill Residues, Non-Petroleum Contam			
1.00	LD	77 EHTI Transportation			

Net Amount:
Tendered:

Weighmaster: [signature] Driver [signature]
Anne White - PA-062036
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE03762

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 227

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: PAUL DYKE AS AGENT FOR | Signature | Month 06 Day 27 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: BOSWORT | Signature | Month 06 Day 27 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 06 Day 27 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Crossing Landfill Inc. PC 345820
727 Red Lane Road
Birdsboro, PA 19508 28 June 2007 9:19 am
Phone: x6101 582-8[illegible] 28 June 2007 9:39 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O [illegible] EARTH INC. PA AF23367
HAMBURG, PA 19040

Contract: 4399-508-OSHL [illegible]
Reference:
01 Gross Weight: [illegible]
Tare Weight: [illegible]
Net Weight: [illegible]

Quantity	Unit	Description	Tax	Total
17.75	TN	79 [illegible] 508 Spill Residues, [illegible]	[illegible]	[illegible]
1.00	LD	T7 [illegible] Transportation		

[illegible] Amount:
[illegible] Rendered:

Weighmaster: Driver
Patty Updegrove PA:060484
Original and Copies [illegible] Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002497386
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 23667

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 243

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR | Signature | Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 06 Day 28 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Crossing Landfill Ticket 245821

787 Bed Lane Road

Birdsboro, PA 19508 28 June 2007 9:21 am

Phone: (610) 582-2000 28 June 2007 9:47 am

ALLIED ENVIRONMENTAL GROUP

C/O [illegible] EARTH INC. AE03762

HATBORO, PA 19040

Contract: 4399-506-[illegible]

Reference:

01 Gross Weight [illegible]

Stored Tare Weight [illegible]

Net Weight [illegible]

Quantity	Unit	Description	Tax	Total
20.85	TN	79 [illegible] 506 Spill Residues, [illegible]		
1.00	CD	T7 [illegible] Transportation		

Amount:

Tendered:

Weighmaster: Driver:

Patty Updegrove [illegible]

Original and Copies [illegible] Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . .

Manifest Document No. . . . .

2. Page 1 of AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: EMPIRE WRECKING

6. US EPA ID Number: PAD 002497386

A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number: 100346

C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AE03762

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: DVC227

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAUKE AS AGENT FOR

Signature: [signature]

Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: B Oorisw a KT

Signature: [signature]

Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [signature]

Signature: [signature]

Month 6 Day 28 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket PT 245824
727 Red Lane Road
Birdsboro, PA 19508 28 June 2007 9:30 am
Phone: (610) 582-8[illegible] 28 June 2007 9:55 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. [illegible] AE80453
HATBORO, PA 19040

Contract: 4399-506-06[illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight [illegible]
Net Weight [illegible] lb

Quantity	Unit	Description	Tax	Total
19.98	TN	79 [illegible] 506 Spill Residues [illegible]	[illegible]ntam	
1.00	LD	T7 [illegible] Transportation		

Amount:
Tendered:

Weighmaster: [illegible] Driver: [illegible]
Patty Updegrove PA-060484
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
EMPIRE WRECKING	PAD 002497386	(800) 884-8026
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
PIONEER CROSSING LANDFILL 727 RED LANE ROAD BIRDSBORO, PA 19508	100346	(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 80453

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 237

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
~~[illegible]~~, RALM DAMKE AS AGENT FOR		06	28	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bill Wilver		06	28	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		06	28	07

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL - RETURN TO GENERATOR

[illegible] Crossing [illegible] 245831
[illegible] Road
Birdsboro, PA 19508 28 June 2007 10:04 am
Phone: (610) 582-[illegible] 28 June 2007 10:27 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. PA-AE00770
HATBORO, PA 19040

Contract: 4399-506-OSHL [illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight 25,[illegible]
Net Weight 44,[illegible]

Quantity	Unit	Description	Tax	Total
[illegible]	TN	79 [HT] 506 Spill Residues	[illegible]	[illegible]
1.00	LD	T7 [HT] Transportation		

Amount:
Ordered:

Weighmaster: Driver
Patty Quiegrove PA 060404
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD.002497386
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 03770

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 226

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAMKE AS AGENT FOR
Signature:
Month Day Year: 06 28 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year: 06 28 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:
Signature:
Month Day Year: 06 28 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Crossing Landfill [illegible] 245832
7[illegible] Red Lion Road
Birdsboro, PA 19508 28 June 2007 10:07 am
Phone: (610) 582-[illegible] 28 June 2007 10:29 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Ve[illegible] AE03768
HATBORO, PA 19040

Contract: 4399-506-OSH[illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight 24,[illegible]
Net Weight 47,200.00 lb

Quantity	Unit	Description		Tax	Total
23.60	TN	79 [HT]	506 Spill Residues [illegible]	[illegible]ntam	
1.00	LD	17 [HT]	Transportation		

Amount:
Tendered:

Weighmaster: _____ Driver _____
Patty Updegrove PA 060484
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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD.002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE03768

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 222

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR
Signature:
Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JEFF SNIDER
Signature:
Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:
Signature:
Month Day Year

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Cross Landfill Ticket: 245837
727 Red Lane Road
Birdsboro, PA 19508 28 June 2007 10:26 am
Phone: (610) 582-2900 28 June 2007 10:49 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: SW AF07975
HATBORO, PA 19040

Contract: 4399-506-OSHA
Reference:
01 Gross Weight
Tare Weight 23,
Net Weight 47,480.

Quantity	Unit	Description	Tax	Total
23.71	TN	79 [HT] 506 Spill Residues	Contam	
1.00	LD	T7 [HT] Transportation		

Net Amount:
Rendered:

Weighmaster: Driver
Patty Lodegrove PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR 987

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF07975

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW2

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAMKE AS AGENT FOR
Signature:
Month Day Year: 06 28 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott Senft
Signature:
Month Day Year: 06 28 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:
Signature:
Month Day Year: 06 28 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

[illegible] Landfill Ticket [illegible] 246840
[illegible] Road
Birdsboro, PA 19508 28 June 2007 10:28 am
Phone: (610) 582-[illegible] 28 June 2007 10:57 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. [illegible] AF04648
HATBORO, PA 19040

Contract: 4399-506-OSH[illegible]
Reference:
01 Gross Weight [illegible]
Tare Weight [illegible]
Net Weight 44,960.00 [illegible]

Quantity	Unit	Description	Tax	Total
82.48	TN	79 [HT] 506 Spill Residues [illegible]		
1.00	LD	T7 [HT] Transportation		

[illegible] Amount:
Tendered:

Weighmaster: [signature] Driver [signature]
Patty Updegrove PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF04648

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW 1

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR — Signature: [signature] — Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tim Dunn — Signature: Tim Dunn — Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Month 06 Day 28 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Crossing Landfill Ticket 245049
Red Lane Road
Birdsboro, PA 19508 28 June 2007 10:58 am
Phone: (610) 582 28 June 2007 11:25 am

004399
ALLIED ENVIRONMENTAL GROUP
CYO CLEAN EARTH INC AE70694
HATBORO, PA 19040

Contract: 4399-506-OSH
References:
01 Gross Weight
Stored Tare Weight 26,
Net Weight 47,720-

Quantity	Unit	Description	Tax	Total
23.86	TN	79 [illegible] 506 Spill Residues		
1.00	LD	77 [illegible] Transportation		

Amount Tendered

Weighmaster: Patty Wodegrove PA:060484 Driver

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD.002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 70694

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 229

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR
Signature:
Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: X Martin Rausch
Signature:
Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Signature
Month Day Year

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

[illegible] Landfill [illegible] 245854
[illegible] Lane Road
[illegible], PA 19[illegible] 28 June 2007 11:13 am
Phone: (610) 582-[illegible] 28 June 2007 11:42 am

004399
ALLIED ENVIRONMENTAL GROUP
B/O [illegible] EARTH INC. [illegible] PA AF31700
HATBORO, PA 19040

Contract: 4399-506-[illegible]
Reference:
01 Gross Weight [illegible]
Tare Weight 24,[illegible]
Net Weight 54,100.[illegible]

Quantity	Unit	Description	Tax	Total
27.05	TN	79 [illegible] 506 Spill Residues	[illegible]	
1.00	LB	17 [illegible] Transportation		

Amount:
Tendered:

Weighmaster: [signature] Driver [signature]
Patty Updegrove-PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: HORWITH TRUCKS
6. US EPA ID Number: PAD 146714878
A. Transporter's Phone: (610) 261-2220

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 31700

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 163

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR | Signature: [signature] | Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [signature] | Signature: [signature] | Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [signature] | Signature: [signature] | Month 06 Day 28 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket: 248892
[illegible] Lane Road
Pinesboro, PA [illegible] 28 June 2007 1:54 pm
Phone: (610) [illegible] 28 June 2007 2:07 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: DVC[illegible] PA AF23367
HATBORO, PA 19040
Contract: [illegible]-506-OSH[illegible]
Reference: DIAMOND AERO[illegible]
01 Gross Weight [illegible]
Tare Weight [illegible]
Net Weight 41,620[illegible]

Quantity	Unit	Description	Tax	Total
20.81	TN	79 [HT] 506 Spill Residues		
1.00	LD	T7 [HT] Transportation		

Amount:
Tendered:

Weighmaster: Anne White - PA-062036 Driver

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Manifest Document No.
2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002497386
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
P.O. NUMBER
LICENSE NUMBER: AF 23367
DUMP TRAILER NUMBER:
DUMP TRUCK NUMBER: 243
EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: RALPH DAMKE AS AGENT FOR
Signature
Month Day Year: 06 12 07

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MC VADSIN
Signature
Month Day Year: 06 12 07

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year: 06 12 07

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket: [illegible] 245894
[illegible] Road
Birdsboro, PA 19508 28 June 2007 2:10 pm
Phone: (610) 582-29[illegible] 28 June 2007 2:28 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: DVC227 AE03762
HATBORO, PA 19040

Contract: [illegible]-506-OSH[illegible]
Reference: DIAMOND AERO[illegible]
01 Gross Weight [illegible]
Stored Tare Weight [illegible]
Net Weight [illegible]

Quantity Unit Description [illegible] Tax Total
22.67 TN 79 [illegible] 506 Spill Residue [illegible]
1.00 LD 77 [illegible] Transportation

Amount Rendered

Weighmaster: [illegible] Driver
Anne White - PA-[illegible]
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002497386
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 03762

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 227

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR | Signature | Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: B Oswalt | Signature | Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 06 Day 28 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Ticket: [illegible] 245896
[illegible] Red Lane Road
Birdsboro, PA 19508 28 June 2007 2:29 pm
Phone: (610) 582-[illegible] 28 June 2007 2:48 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Vehicle: DVC[illegible] AE80453
HATBORO, PA 19040
Inbound: NONE

Contract: 4399-506-OSH[illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight [illegible]
Net Weight 48,[illegible]

Quantity	Unit	Description	Tax	Total
24.20	TN	79 [HT] 506 Spill Residues	[illegible]	
1.00	LD	T7 [HT] Transportation		

Amount:
Tendered:

Weighmaster: [signature] Driver [signature]
Anne White - PA-062036
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD.002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
P.O. NUMBER _____ LICENSE NUMBER: AE 80453
DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 237
EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR
Signature:
Month Day Year: 06 12 8 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bill Wilwin
Signature: Bill W
Month Day Year: 06 12 8 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White
Signature: Anne White
Month Day Year: 6 12 8 07

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL - RETURN TO GENERATOR

Phone: (610) 582-29[illegible]

28 June 2007 3:07 pm
28 June 2007 3:25 pm

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC.
HATBORO, PA 19040

Vehicle: DVC[illegible] AE03768

Contract: 4359-506-OSH[illegible]
Reference: DIAMOND AEROS[illegible]
01 Gross Weight [illegible]
Stored Tare Weight [illegible]
Net Weight 47,82[illegible]

Quantity	Unit	Description	Tax	Total
23.91	TN	70 [illegible] 506 Spill Residue [illegible]		
1.00	LD	17 [illegible] Transportation		

Amount:
Tendered:

Weighmaster: [signature] Driver: [signature]
Anne White - PA 062036
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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . .

Manifest Document No. . . . .

2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: EMPIRE WRECKING

6. US EPA ID Number: PAD 002497386

A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name:

8. US EPA ID Number: . . . . . .

B. Transporter's Phone:

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number: 100346. . . . . .

C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	. . . .	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AE 03768

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: 222

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
RALPH DAYKE AS AGENT FOR	[signature]	06	28	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JEFF SNIDER	[signature]	06	28	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Anne White	[signature]	6	28	07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

[illegible] Landfill Ticket: [illegible] 845906

[illegible] 28 June 2007 3:04 pm

[illegible] 28 June 2007 3:29 pm

[illegible]

ALLIED ENVIRONMENTAL GROUP

C/O CLEAN EARTH INC. Vehicle: DVC[illegible] PA-AE03770

HATBORO, PA 19040

Contract: [illegible]99-506-OSHC-[illegible]

Reference: DIAMOND AEROSOL[illegible]

01 Gross Weight [illegible]

Stored Tare Weight [illegible]

Net Weight 39.90[illegible]

Quantity	Unit	Description	Tax	Total
19.99	TN	79 [HT] 506 Spill Residues	[illegible]	
1.00	LD	77 [HT] Transportation		

Amount:

Rendered:

Weighmaster: [signature] Driver: [signature]

Anne White - PA-062036

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[redacted]

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name EMPIRE WRECKING [redacted]

6. US EPA ID Number [redacted] PAD 082497386

A. Transporter's Phone [redacted]

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone 800-884-8026

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number 100346

C. Facility's Phone (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 03770

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 226

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name David Bachman | Signature For Atlantic Response | Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Anne White | Signature | Month 06 Day 28 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

[redacted]

[illegible] Crossing Landfill Ticket [illegible] 245911

[illegible]

Birdsboro, [illegible] 28 June 2007 [illegible]:22 pm

Phone: (610) [illegible] 28 June 2007 [illegible]:46 pm

004389

ALLIED ENVIRONMENTAL GROUP

C/O CLEAN EARTH INC. Vehicle: SW1 AF04648

HATBORO, PA 19040

Contract: 4399-506-OSHA-[illegible]

Reference: DIAMOND AEROS[illegible]

01 Gross Weight [illegible]

Tare Weight [illegible]

Net Weight 40,7[illegible]

Quantity	Unit	Description	Tax	Total
20.79	TN	79 [illegible] 506 Spill Residues [illegible]		
1.00	LD	17 [illegible] Transportation		

Weighmaster: [signature] Driver [signature]

Anne White - PA-062038

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

PAR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD.002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 04648

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW 1

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYNE AS AGENT FOR | Signature | Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tim Dunn | Signature | Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Diane White | Signature | Month 06 Day 28 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Crossing Landfill Tacket: 246812

Lane Bridge

Bir[illegible] 28 June 2007 3:27 pm

Phone: (610) [illegible] 28 June 2007 3:48 pm

004393

ALLIED ENVIRONMENTAL GROUP

C/O CLEAN EARTH INC. Vehicle: SWP AF07975

HAIBORO, PA 19040

Contract: 4399-506-[illegible]

Reference: DIAMOND AERO[illegible]

01 Gross Weight [illegible]

Tare Weight [illegible]

Net Weight [illegible]

Quantity	Unit	Description	Tax	Total
22.06	TN	79 CHTJ 506 Spill Residues [illegible]		
1.00	LD	17 CHTJ Transportation		

Amount:

Rendered:

Weighmaster: [signature] Driver: [signature]

Pine White - PA 062036

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF07976

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW2

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAVIES AS AGENT FOR
Signature:
Month 06 Day 28 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott Senft
Signature:
Month 06 Day 28 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Signature
Month Day Year

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Phone: [illegible] Landfill Ticket: [illegible] 245966
[illegible] Red Lane Road
Birdsboro, PA 19508 29 June 2007 9:26 am
Phone: (610) 582-2[illegible] 29 June 2007 9:49 am

004299
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. [illegible] PA AF44349
HATBORO, PA 19040

Contract: 4399-506-OSHL[illegible]
Reference:
01 Gross Weight [illegible]
Tare Weight 28,280.[illegible]
Net Weight 40,040.00 lb

Quantity	Unit	Description	Tax	Total
20.02	TN	79 [HT] 506 Spill Residues	[illegible]	
1.00	LD	17 [HT] Transportation		

Amount:
Tendered:

Weighmaster: [signature] Driver [signature]
Patty Wodegrave PA:060484
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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Document No. . . . . | 2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: [redacted]
6. US EPA ID Number: [redacted]
A. Transporter's Phone: ([redacted]

7. Transporter 2 Company Name: EMPIRE WRECK
8. US EPA ID Number: PAD 082497386
B. Transporter's Phone: 808 884 8026

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number: 100346. . . . . .
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	. . . .	T
b.	. .	.	. . . .	
c.	. .	.	. . . .	
d.	. .	.	. . . .	

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 44949 PA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 251

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAMKE AS AGENT FOR | Signature: [signature] | Month 06 Day 29 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: DAN Lonah | Signature: [signature] | Month 06 Day 29 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Patt Hodgson | Signature: [signature] | Month 06 Day 29 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Monroe Crossing Landfill Ticket 245968
[illegible] Road
Bridgeboro, PA 19508 29 June 2007 9:30 am
Phone: (610) 582-[illegible] 29 June 2007 9:37 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. AE80453
HATBORO, PA 19040

Contract: 4399-506-OSHL[illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight 25,960[illegible]
Net Weight 41,540.00 lb

Quantity	Unit	Description	Tax	Total
20.77	TN	79 [HT] 506 Spill Residues	[illegible]	
1.00	LD	T7 [HT] Transportation		

Amount:
Tendered:

Weighmaster: [signature] Driver [signature]
Patty Onegrove [illegible]
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
EMPIRE WRECKING	[redacted] PAD 082497386	[redacted]
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		800 884-8026
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
PIONEER CROSSING LANDFILL 727 RED LANE ROAD BIRDSBORO, PA 19508	100346	(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 80453 PA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 237

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
RALPH DAYKE AS AGENT FOR	[signature]	06	29	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bill Witwer	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	06	29	07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

245969

29 June 2007 9:33 am

29 June 2007 9:59 am

004390

ALLIED ENVIRONMENTAL GROUP

C/O CLEAN EARTH INC. PA-AE03770

HATBORO, PA 19040

Contract: 4399-506-OSHL

Reference:

01 Gross Weight

Stored Tare Weight 25,2[illegible]

Net Weight 39,040.[illegible]

Quantity	Unit	Description	Tax	Total
19.52	TN	79 [HT] 506 Spill Residues	[illegible]	
1.00	LD	T7 [HT] Transportation		

Amount

Weighmaster: Driver

Patty Hodgrove PA 060484

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.
Manifest Document No.
2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name EMPIRE WRECKING
6. US EPA ID Number PAD 082497386
A. Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone 800-884 8026

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number 100346
C. Facility's Phone (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	.XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
P.O. NUMBER
LICENSE NUMBER: AE 03770
DUMP TRAILER NUMBER:
DUMP TRUCK NUMBER: 226
EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name RALPH DAYKE AS AGENT FOR
Signature
Month Day Year 06 29 07

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year 06 29 07

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year 06 29 07

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL - RETURN TO GENERATOR

Pioneer Crossing Landfill Tickets PO 245981

[illegible] Rod Lane [illegible]

Birdsboro [illegible] 29 June 2007 9:52 am

Phone: [illegible] 29 June 2007 10:38 am

0043993

ALLIED ENVIRONMENTAL GROUP

C/O CLEAN EARTH INC. [illegible] AF04648

HATBORO PA 19040

Contract: 4399-506-OSHL[illegible]

Reference:

01 Gross Weight [illegible]

Tare Weight 24,0[illegible]

Net Weight 44,780.00 [illegible]

Quantity Unit Description [illegible] Tax Total

22.39 TN 79 [illegible] 506 Spill Residues [illegible]

1.00 LD 77 [illegible] Transportation

[illegible] Amount:

Tendered:

Weighmaster: [signature] Driver: [signature]

Patty Updegrove PA 06048A

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NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
[redacted] EMPIRE WRECKING	[redacted] 08249 7386	[redacted]
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		800 884-8026
9. Designated Facility Name and Site Address PIONEER CROSSING LANDFILL 727 RED LANE ROAD BIRDSBORO, PA 19508	10. US EPA ID Number 100346	C. Facility's Phone (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 04648

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW 1

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
RALPH DAYKE AS AGENT FOR	Ralph Dayke	06	29	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Tim Dunn	Tim Dunn	06	29	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	06	29	07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

[illegible] 245903

[illegible] Road

[illegible] PA 19508 29 June 2007 10:01 am

Phone: [illegible] 582-[illegible] 29 June 2007 10:42 am

004309

ALLIED ENVIRONMENTAL GROUP

C/O CLEAN EARTH INC. Ve[illegible] AF07975

HATBORO PA 19040

Contract: 4359-506-USHL[illegible]

Reference:

01 Gross Weight [illegible]

Tare Weight [illegible]

Net Weight [illegible]

Quantity	Unit	Description	Tax	Total
21.85	TN	79 [HT] 506 Spill Residues [illegible]		
1.00	LB	T7 [HT] Transportation		

[illegible] Amount Rendered

Weighmaster: [illegible] Driver [illegible]

Patty [illegible] PA 060484

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

[redacted]

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name EMPIRE WRECKING [redacted]

6. US EPA ID Number [redacted] 082497386

A. Transporter's Phone [redacted]

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone 800-884-8026

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	.XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AF 07975 PA

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: SN2

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR
Signature:
Month 06 Day 29 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott Senft
Signature:
Month 06 Day 29 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Signature
Month Day Year

GENERATOR

TRANSPORTER

FACILITY

[redacted] ORIGINAL - RETURN TO GENERATOR [redacted]

Pioneer Crossing Landfill Tickets
727 [illegible] Road
Birdsboro, PA 19508
Phone: (610) 582-[illegible]

29 June 2007 10:02 am
29 June 2007 10:46 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC.
HATBORO, PA 19040

AF17040

Contract: 4399-506-08H[illegible]
References:
01 Gross Weight [illegible]
Tare Weight [illegible]
Net Weight 42,940.[illegible]

Quantity	Unit	Description	Tax	Total
21.47	TN	79 [HT] 506 Spill Residues	[illegible]	
1.00	LD	T7 [HT] Transportation		

Amount:
Tendered:

Weighmaster: Patty Updegrove PM[illegible]
Driver:

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name [redacted]

6. US EPA ID Number [redacted]

A. Transporter's Phone [redacted]

7. Transporter 2 Company Name EMPIRE WROCK

8. US EPA ID Number PAD 048249738 6

B. Transporter's Phone 800 884-8026

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number 100346

C. Facility's Phone (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 17040 PA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 240

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name RALPH DAYLE AS AGENT FOR | Signature | Month 09 Day 29 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Michael Colcost | Signature | Month 09 Day 29 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name [illegible] | Signature [illegible] | Month 10 Day 1 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

[illegible] Landfill [illegible] AC 246998
[illegible] Road
Birdsboro, PA 19508 29 June 2007 10:39 am
Phone: [illegible] 582-[illegible] 29 June 2007 11:35 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O [illegible] EARTH INC. [illegible] AC70694
HATBORO, PA 19040

Contract: 4399-506-OSHL [illegible]
Reference:
01 Gross Weight [illegible]
Stored Tare Weight 26,7[illegible]
Net Weight 33,720.[illegible]

Quantity	Units	Description	Tax	Total
18.86	TN	79 CHTJ 506 Spill Residues	[illegible]ntam	
1.00	LB	17 CHTJ Transportation		

[illegible] Amount
[illegible] endorsed

Weighmaster: [signature] Driver [signature]
Patty Undergrove PA 060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Document No. . . . . | 2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name
[redacted]S

6. US EPA ID Number
[redacted]

A. Transporter's Phone
[redacted]

7. Transporter 2 Company Name
EMPIRE WRECKING

8. US EPA ID Number
PAD 082497386

B. Transporter's Phone
800 884-8026

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
100346

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	.XX1	DT	. . . .	T
b.	. .	.	. . . . .	
c.	. .	.	. . . . .	
d.	. .	.	. . . . .	

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 70694

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 229

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYLE AS AGENT FOR | Signature: [signature] | Month 06 Day 29 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Martin Rausch | Signature: [signature] | Month 06 Day 29 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [signature] | Signature: [signature] | Month 06 Day 30 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Bionomic Processing Landfill Ticket PC 246000
727 Red Lane Road
Birdsboro, PA 19508 29 June 2007 10:48 am
Phone: (610) 582-[illegible] 29 June 2007 11:44 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. PA AE31700
HATBORO, PA 19040

Contract: 4399-506-OSHL[illegible]
Reference:
01 Gross Weight [illegible]
Tare Weight: 24,7[illegible]
Net Weight: 46,420.[illegible]

Quantity	Unit	Description	Tax	Total
23.21	TN	79 CHTT 506 Spill Residues [illegible]	[illegible]ntam	

Net Amount:
Tendered:

Weighmaster: Patty Lodegrove PA 060484 Driver:
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

*W. Schmid

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. . . . . .
Manifest Document No. . . . .
2. Page 1 of AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name: HORWITH TRUCKS
6. US EPA ID Number: PAD 146714878
A. Transporter's Phone: (610) 261-2220

7. Transporter 2 Company Name:
8. US EPA ID Number: . . . . . .
B. Transporter's Phone:

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346. . . . . .
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	. . . .	T
b.	. .	.	. . . .	
c.	. .	.	. . . .	
d.	. .	.	. . . .	

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: Af 31700

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 162

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AS AGENT FOR
Signature: [signature]
Month 06 Day 29 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Dwain Parks
Signature: [signature]
Month 06 Day 29 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month . Day . Year .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [signature]
Signature: [signature]
Month 06 Day 29 Year 07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

Lafarge Landfill Ticket 246090
727 Red Lane Road
Birdsboro, PA 19508 30 June 2007 7:16 am
Phone: (610) 582-[illegible] 30 June 2007 7:33 am

004399
ALLIED ENVIRONMENTAL GROUP
C/O CLEAN EARTH INC. Ve[illegible] PA AF44949
HATBORO, PA 19040

Contract: 4399-506-OSH[illegible]
Reference:
01 Gross Weight [illegible]
Tare Weight 28,7[illegible]
Net Weight 37,0[illegible]

Quantity	Unit	Description	Tax	Total
18.53	TN	79 LHTI 506 Spill Residues [illegible]		
1.00	LD	T7 LHTI Transportation		

Net Amount:
Rendered:

Weighmaster: Driver
Patty Hodgrove PA:060484
Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	AR988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
EMPIRE WRECK [redacted]	PAD 082497386	[redacted]
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		800 884 8076
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
PIONEER CROSSING LANDFILL 727 RED LANE ROAD BIRDSBORO, PA 19508	100346	(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT		T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF44949 PA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: 251

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
RALPH DAYKE AS AGENT FOR	[signature]	06	29	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Dan Lorah	[signature]	06	29	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Patti Updegrove	[signature]	06	30	07

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Document No. XV 1515
2. Page 1 of 1 AF 958

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone (908) 832-7552

SAME

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002499386
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 508 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XXX.22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AF 04645 PA

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: SW 1

EMERGENCY RESPONSE 908-254-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Ralph Dayka Agent for Diamond Aerosol
Signature: [signature]
Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tim Dunn
Signature: [signature]
Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:
Signature:
Month Day Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Document No. XXDA4

2. Page 1 of 1

AR-588

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone (908) 832-7882

Sample

5. Transporter 1 Company Name: EMPIRE WRECKING

6. US EPA ID Number: PAD.002497386

A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
72" RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number: 100346

C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XXX22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER AF 07975 PA

DUMP TRAILER NUMBER _____

DUMP TRUCK NUMBER SW 2

EMERGENCY RESPONSE 908-354-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AGENT FOR DIAMOND AEROSOL

Signature: [signature]

Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible]

Signature: [signature]

Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:

Signature:

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Document No. XXDA3

2. Page 1 of 1

[redacted] A2-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone (908) 832-7852

SAME

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 062497286

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

10. US EPA ID Number
400846

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XXI	DT	XX X 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER

LICENSE NUMBER: AF 17040 PA

DUMP TRAILER NUMBER:

DUMP TRUCK NUMBER: DVC 240

EMERGENCY RESPONSE 908-254-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RACHEL DAME AGENT FOR DIAMOND AEROSOL

Signature

Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Document No. XXDA2
2. Page 1 of 1
AR 988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
82 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone (908) 832-7582

SAME

5. Transporter 1 Company Name
EMPIRE WRECKING

6. US EPA ID Number
PAD 002497386

A. Transporter's Phone
(800) 884-8026

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19505

10. US EPA ID Number
100246

C. Facility's Phone
(610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XX.X22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AE 80453 PA

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER DVC 237

EMERGENCY RESPONSE 908-254-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
RALPH DAYKE AGENT FOR DIAMOND AEROSOL	[signature]	03	06	08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	03	06	08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Document No.: XXDA.1
2. Page 1 of 1
AR-988

3. Generator's Name and Mailing Address: DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

SAME

4. Generator's Phone: 908 1832-7882

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002499986
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XXX 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____

LICENSE NUMBER: AE 03770 PA

DUMP TRAILER NUMBER: _____

DUMP TRUCK NUMBER: DVC 226

EMERGENCY RESPONSE 908-754-0210

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAUKE AGENT FOR DIAMOND AEROSOL
Signature: [signature]
Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [signature]
Signature: [signature]
Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:
Signature:
Month Day Year

GENERATOR

TRANSPORTER

FACILITY

GENERATOR'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Document No. VXBA2
2. Page 1 of 1
AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

SAME

4. Generator's Phone (908) 832-7882

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002497386
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XXX22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 80453 PA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: DVC 237

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DRAKE AGENT FOR DIAMOND AEROSOL
Signature
Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D. W. L. Twin
Signature
Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White
Signature
Month 3 Day 6 Year 08

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Document No. XXDA4
2. Page 1 of 1
AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

4. Generator's Phone (908) 832-7882

SAME

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD.002497306
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XXX22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 07925 AA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW 2

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DYKE AGENT FOR DIAMOND AEROSOL
Signature:
Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott Senft
Signature:
Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Anne White
Signature: Anne White
Month 3 Day 6 Year 08

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL - RETURN TO GENERATOR

Total

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Document No. NXDA3
2. Page 1 of 1
AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826
SAME

4. Generator's Phone 908 832-7882

5. Transporter 1 Company Name
EMPIRE WRECKING
6. US EPA ID Number PAD 002497386
A. Transporter's Phone (800) 884-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number 100346
C. Facility's Phone (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XX.X.22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF 17040 PA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: DVC 240

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAVIS AGENT FOR DIAMOND AEROSOL
Signature
Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael C Kast
Signature
Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White
Signature
Month 3 Day 6 Year 08

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Document No. XXBA.1
2. Page 1 of 1
AR-988

3. Generator's Name and Mailing Address
DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826
SAME

4. Generator's Phone (908) 832-7882

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002497386
A. Transporter's Phone: (800) 384-8026

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XXX.22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AE 03770 PA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: DYC 226

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAVIS AGENT FOR DIAMOND AEROSOL
Signature
Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott Quinn
Signature
Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Anne White
Signature
Month 03 Day 06 Year 08

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Document No.: XX-DA5
2. Page 1 of 1: AR-988

3. Generator's Name and Mailing Address: DIAMOND AEROSOL
62 ANTHONY ROAD
GLENN GARDNER, NJ 08826

SAME

4. Generator's Phone: 908 832-7882

5. Transporter 1 Company Name: EMPIRE WRECKING
6. US EPA ID Number: PAD 002497386
A. Transporter's Phone: (800) 884-8026

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508
10. US EPA ID Number: 100346
C. Facility's Phone: (610) 582-2900

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WC 506 NON-PETROLEUM CONTAMINATED SOIL AND DEBRIS	XX1	DT	XXX22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

P.O. NUMBER _____ LICENSE NUMBER: AF04648PA

DUMP TRAILER NUMBER: _____ DUMP TRUCK NUMBER: SW 1

EMERGENCY RESPONSE 908-354-0210

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RALPH DAYKE AGENT FOR DIAMOND AEROSOL
Signature: [signature]
Month 03 Day 06 Year 08

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tim Dunn
Signature: Tim Dunn
Month 03 Day 06 Year 08

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne White
Signature: Anne White
Month 3 Day 6 Year 08

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

APPENDIX 5

Certified Laboratory Analytical Reports

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Client ID: **B-33_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812411**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416935.d
Rear File ID: vr416935.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	86	R
Aroclor-1221	ND	86	R
Aroclor-1232	ND	86	R
Aroclor-1242	ND	86	R
Aroclor-1248	610	86	R
Aroclor-1254	ND	86	R
Aroclor-1260	ND	86	R
Aroclor-1262	ND	86	R
Aroclor-1268	ND	86	R

Non-Conformance Summary

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Data Reporting Qualifiers

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Client ID: B-32_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812410
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416934.d
Rear File ID: vr416934.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 23

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	87	R
Aroclor-1221	ND	87	R
Aroclor-1232	ND	87	R
Aroclor-1242	ND	87	R
Aroclor-1248	ND	87	R
Aroclor-1254	ND	87	R
Aroclor-1260	ND	87	R
Aroclor-1262	ND	87	R
Aroclor-1268	ND	87	R

Client ID: **B-31_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812409**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416933.d
Rear File ID: vr416933.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-9_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812408**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416932.d
Rear File ID: vr416932.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: B-8_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812407
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416931.d
Rear File ID: vr416931.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: B-7_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812406
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/15/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417071.d
Rear File ID: vr417071.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 30

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	960	R
Aroclor-1221	ND	960	R
Aroclor-1232	ND	960	R
Aroclor-1242	ND	960	R
Aroclor-1248	10000	960	R
Aroclor-1254	ND	960	R
Aroclor-1260	ND	960	R
Aroclor-1262	ND	960	R
Aroclor-1268	ND	960	R

Client ID: **B-6_0.5-1**
Site: Diamond Aerosol

Lab Sample ID: **812405**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416929.d
Rear File ID: vr416929.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **B-5_0.5-1**
Site: Diamond Aerosol

Lab Sample ID: **812404**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416928.d
Rear File ID: vr416928.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: **B-4_0.5-1**
Site: Diamond Aerosol

Lab Sample ID: **812403**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416927.d
Rear File ID: vr416927.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **B-3_0.5-1**
Site: Diamond Aerosol

Lab Sample ID: **812402**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416926.d
Rear File ID: vr416926.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Methodology Review

Client ID: **B-2_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812401**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416925.d
Rear File ID: vr416925.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-1_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812400**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416922.d
Rear File ID: vr416922.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Analytical Results Summary

SEVERN TRENT STL

Analytical Results Summary 1

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SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. D736 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
812413	B-33D_0-0.5	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

03/28/2007

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. D736 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 8, 2007.

Lab No.	Client ID	Analysis Required
812400	B-1_0-0.5	PCBs
812401	B-2_0-0.5	PCBs
812402	B-3_0.5-1	PCBs
812403	B-4_0.5-1	PCBs
812404	B-5_0.5-1	PCBs
812405	B-6_0.5-1	PCBs
812406	B-7_0-0.5	PCBs
812407	B-8_0-0.5	PCBs
812408	B-9_0-0.5	PCBs
812409	B-31_0-0.5	PCBs
812410	B-32_0-0.5	PCBs
812411	B-33_0-0.5	PCBs
812412	B-34_0-0.5	PCBs

Accredited Analytical Resources, LLC
General Chemistry Analysis Data

Case #:	3520	Matrix:	Soil
Sample #:	0609230	Date Received:	09/26/06
Client Name:	BEI	% Moisture:	16.3
Field Number:	WASTEPILE2		

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Solids, Percent	83.7	0.10	%	1.			09/27/06
Flash Point	>200	80.	°F	1.			09/27/06
pH	5.14		S.U.	1.			09/27/06
Cyanide, Reactive	ND	0.24	mg/Kg	1.	ND	0.20	09/27/06
Sulfide, Reactive	ND	47.8	mg/Kg	1.	ND	40.0	09/27/06

Accredited Analytical Resources, LLC
General Chemistry Analysis Data

Case #:	3520	Matrix:	Soil
Sample #:	0609229	Date Received:	09/26/06
Client Name:	BEI	% Moisture:	17.4
Field Number:	WASTEPILE1		

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Solids, Percent	82.6	0.10	%	1.			09/27/06
Flash Point	>200	80.	°F	1.			09/27/06
pH	5.03		S.U.	1.			09/27/06
Cyanide, Reactive	ND	0.24	mg/Kg	1.	ND	0.20	09/27/06
Sulfide, Reactive	ND	48.4	mg/Kg	1.	ND	40.0	09/27/06

ACCREDITED ANALYTICAL RESOURCES, LLC
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #:	3520	Matrix:	Leachate
Sample #:	0609230	Date Received:	09/26/06
Field ID:	WASTEPILE2		
Client Name:	BEI		

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	.250	5	5.00	P	09/27/06
7440-39-3	Barium	1.26	.250	5	100.00	P	09/27/06
7440-43-9	Cadmium	ND	.050	5	1.00	P	09/27/06
7440-47-3	Chromium	ND	.100	5	5.00	P	09/27/06
7439-92-1	Lead	ND	.250	5	5.00	P	09/27/06
7439-97-6	Mercury	ND	.005	5	.20	CV	09/27/06
7782-49-2	Selenium	ND	.250	5	1.00	P	09/27/06
7440-22-4	Silver	ND	.050	5	5.00	P	09/27/06

ND - Element analyzed for but not detected.

P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED ANALYTICAL RESOURCES, LLC
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #:	3520	Matrix:	Leachate
Sample #:	0609229	Date Received:	09/26/06
Field ID:	WASTEPILE1		
Client Name:	BEI		

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	.250	5	5.00	P	09/27/06
7440-39-3	Barium	1.59	.250	5	100.00	P	09/27/06
7440-43-9	Cadmium	ND	.050	5	1.00	P	09/27/06
7440-47-3	Chromium	ND	.100	5	5.00	P	09/27/06
7439-92-1	Lead	ND	.250	5	5.00	P	09/27/06
7439-97-6	Mercury	ND	.005	5	.20	CV	09/27/06
7782-49-2	Selenium	ND	.250	5	1.00	P	09/27/06
7440-22-4	Silver	ND	.050	5	5.00	P	09/27/06

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D736 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812400	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812401	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812402	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812403	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812404	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812405	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812406	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/15/2007	Diaz, Carol	5056
812407	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812408	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812409	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812410	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812411	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056
812412	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/14/2007	Diaz, Carol	5056
812413	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5056

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE2DL

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3538 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0609230DL

Sample wt/vol: 30 (g/ml) G Lab File ID: G2679.D

% Moisture: 16 decanted:(Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 10/2/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/3/2006

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	99	U
11104-28-2	Aroclor-1221	99	U
11141-16-5	Aroclor-1232	99	U
53469-21-9	Aroclor-1242	99	U
12672-29-6	Aroclor-1248	5900	D
11097-69-1	Aroclor-1254	99	U
11096-82-5	Aroclor-1260	99	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE2

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3520 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0609230

Sample wt/vol: 30 (g/ml) G Lab File ID: G2636.D

% Moisture: 16 decanted:(Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 9/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 9/27/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	20	U
11104-28-2	Aroclor-1221	20	U
11141-16-5	Aroclor-1232	20	U
53469-21-9	Aroclor-1242	20	U
12672-29-6	Aroclor-1248	4600	E
11097-69-1	Aroclor-1254	20	U
11096-82-5	Aroclor-1260	20	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE2

Lab Name: ACCREDITED ANALYTICAL RES. Contract: _____

Lab Code: _____ Case No.: 3520 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0609230

Sample wt/vol: 30 (g/ml) G Lab File ID: G2636.D

% Moisture: 16 decanted:(Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 9/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 9/27/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.79	U
58-89-9	gamma-BHC (Lindane)	0.79	U
76-44-8	Heptachlor	0.79	U
309-00-2	Aldrin	0.79	U
319-85-7	beta-BHC	0.79	U
319-86-8	delta-BHC	0.79	U
1024-57-3	Heptachlor Epoxide	0.79	U
959-98-8	Endosulfan I	0.79	U
5103-74-2	gamma-Chlordane	0.79	U
5103-71-9	alpha-Chlordane	0.79	U
72-55-9	4,4'-DDE	1.6	U
60-57-1	Dieldrin	1.6	U
72-20-8	Endrin	1.6	U
33213-65-9	Endosulfan II	1.6	U
72-54-8	4,4'-DDD	1.6	U
50-29-3	4,4'-DDT	1.6	U
7421-36-3	Endrin Aldehyde	1.6	U
1031-07-8	Endosulfan Sulfate	1.6	U
72-43-5	Methoxychlor	7.9	U
53494-70-5	Endrin Ketone	1.6	U
8001352	Toxaphene	40	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE1

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3520 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0609229

Sample wt/vol: 30 (g/ml) G Lab File ID: G2635.D

% Moisture: 17 decanted:(Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 9/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 9/27/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	20	U
11104-28-2	Aroclor-1221	20	U
11141-16-5	Aroclor-1232	20	U
53469-21-9	Aroclor-1242	20	U
12672-29-6	Aroclor-1248	1700	
11097-69-1	Aroclor-1254	20	U
11096-82-5	Aroclor-1260	20	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE1

Lab Name: ACCREDITED ANALYTICAL RES. Contract:

Lab Code: Case No.: 3520 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0609229

Sample wt/vol: 30 (g/ml) G Lab File ID: G2635.D

% Moisture: 17 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 9/27/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 9/27/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.80	U
58-89-9	gamma-BHC (Lindane)	0.80	U
76-44-8	Heptachlor	0.80	U
309-00-2	Aldrin	0.80	U
319-85-7	beta-BHC	0.80	U
319-86-8	delta-BHC	0.80	U
1024-57-3	Heptachlor Epoxide	0.80	U
959-98-8	Endosulfan I	0.80	U
5103-74-2	gamma-Chlordane	0.80	U
5103-71-9	alpha-Chlordane	0.80	U
72-55-9	4,4'-DDE	1.6	U
60-57-1	Dieldrin	1.6	U
72-20-8	Endrin	1.6	U
33213-65-9	Endosulfan II	1.6	U
72-54-8	4,4'-DDD	1.6	U
50-29-3	4,4'-DDT	1.6	U
7421-36-3	Endrin Aldehyde	1.6	U
1031-07-8	Endosulfan Sulfate	1.6	U
72-43-5	Methoxychlor	8.0	U
53494-70-5	Endrin Ketone	1.6	U
8001352	Toxaphene	40	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

WASTEPILE2

Lab Name: ACCREDITED ANALYTICAL RESO Contract:

Lab Code: Case No.: 3520 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0609230

Sample wt/vol: 30 (g/ml) G Lab File ID: E3034.D

Level: (low/med) LOW Date Received:

% Moisture: 16.3 decanted:(Y/N) N Date Extracted: 9/27/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/27/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	400	U
606-20-2	2,6-Dinitrotoluene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	400	U
534-52-1	4,6-Dinitro-2-methylphenol	400	U
86-30-6	n-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	48	J
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo[a]anthracene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
218-01-9	Chrysene	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo[b]fluoranthene	400	U
207-08-9	Benzo[k]fluoranthene	400	U
50-32-8	Benzo[a]pyrene	400	U
193-39-5	Indeno[1,2,3-cd]pyrene	400	U
53-70-3	Dibenz[a,h]anthracene	400	U
191-24-2	Benzo[g,h,i]perylene	400	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE2

Lab Name: ACCREDITED ANALYTICAL RESO Contract:

Lab Code: Case No.: 3520 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0609230

Sample wt/vol: 30 (g/ml) G Lab File ID: E3034.D

Level: (low/med) LOW Date Received:

% Moisture: 16.3 decanted:(Y/N) N Date Extracted: 9/27/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/27/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	400	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-chloroisopropyl)ether	400	U
106-44-5	3&4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
000065-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	400	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
99-09-2	3-Nitroaniline	400	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	400	U
100-02-7	4-Nitrophenol	400	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

WASTEPILE1

Lab Name: ACCREDITED ANALYTICAL RESO Contract:

Lab Code: Case No.: 3520 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0609229

Sample wt/vol: 30 (g/ml) G Lab File ID: E3032.D

Level: (low/med) LOW Date Received:

% Moisture: 17.4 decanted:(Y/N) N Date Extracted: 9/27/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/27/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	400	U
606-20-2	2,6-Dinitrotoluene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	400	U
534-52-1	4,6-Dinitro-2-methylphenol	400	U
86-30-6	n-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo[a]anthracene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
218-01-9	Chrysene	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo[b]fluoranthene	400	U
207-08-9	Benzo[k]fluoranthene	400	U
50-32-8	Benzo[a]pyrene	400	U
193-39-5	Indeno[1,2,3-cd]pyrene	400	U
53-70-3	Dibenz[a,h]anthracene	400	U
191-24-2	Benzo[g,h,i]perylene	400	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

WASTEPILE1

Lab Name: ACCREDITED ANALYTICAL RESO Contract:

Lab Code: Case No.: 3520 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0609229

Sample wt/vol: 30 (g/ml) G Lab File ID: E3032.D

Level: (low/med) LOW Date Received:

% Moisture: 17.4 decanted:(Y/N) N Date Extracted: 9/27/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/27/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	400	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-chloroisopropyl)ether	400	U
106-44-5	3&4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
000065-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	400	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
99-09-2	3-Nitroaniline	400	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	400	U
100-02-7	4-Nitrophenol	400	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE2

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3520 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0609230

Sample wt/vol: 4.8 (g/ml) G Lab File ID: D5329.D

Level: (low/med) MED Date Received:

% Moisture: not dec. 16.3 Date Analyzed: 9/27/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 80 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	780	U
100414	Ethylbenzene	780	U
108907	Chlorobenzene	780	U
630206	1,1,1,2-Tetrachloroethane	780	U
1330207	m,p-Xylene	1600	U
95476	o-Xylene	780	U
100425	Styrene	780	U
75252	Bromoform	780	U
98828	Isopropylbenzene	780	U
79345	1,1,2,2-Tetrachloroethane	780	U
96184	1,2,3-Trichloropropane	780	U
103651	n-Propyl benzene	780	U
108861	Bromobenzene	780	U
108678	1,3,5-Trimethylbenzene	780	U
95498	2-Chlorotoluene	780	U
106434	4-Chlorotoluene	780	U
98066	tert-Butylbenzene	780	U
95636	1,2,4-Trimethylbenzene	780	U
135988	sec-Butylbenzene	780	U
99876	p-Isopropyltoluene	780	U
541731	1,3-Dichlorobenzene	780	U
106467	1,4-Dichlorobenzene	780	U
104518	n-Butylbenzene	780	U
95501	1,2-Dichlorobenzene	780	U
96128	1,2-Dibromo-3-Chloropropane	780	U
120821	1,2,4-Trichlorobenzene	780	U
87683	Hexachlorobutadiene	780	U
91203	Naphthalene	780	U
87616	1,2,3-Trichlorobenzene	780	U

Laboratory Chronicles

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE2

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3520 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0609230

Sample wt/vol: 4.8 (g/ml) G Lab File ID: D5329.D

Level: (low/med) MED Date Received: _____

% Moisture: not dec. 16.3 Date Analyzed: 9/27/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 80 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3900	U
107131	Acrylonitrile	850	U
67641	Acetone	440	JB
75718	Dichlorodifluoromethane	780	U
74873	Chloromethane	780	U
67-64-1	Vinyl Chloride	780	U
74839	Bromomethane	780	U
75003	Chloroethane	780	U
75694	Trichoroflouromethane	780	U
75354	1,1-Dichloroethene	780	U
75150	Carbon disulfide	780	U
75092	Methylene Chloride	290	JB
156605	trans-1,2-Dichloroethene	780	U
75343	1,1-Dichloroethane	780	U
108054	Vinyl acetate	780	U
590207	2,2-Dichloropropane	780	U
789333	2-Butanone	780	U
156592	cis-1,2-Dichloroethene	780	U
67-66-3	Chloroform	780	U
74975	Bromochloromethane	780	U
71556	1,1,1-Trichloroethane	780	U
563586	1,1-Dichloropropene	780	U
56235	Carbon Tetrachloride	780	U
107062	1,2-Dichloroethane	780	U
71432	Benzene	780	U
79016	Trichloroethene	780	U
78875	1,2-Dichloropropane	780	U
75274	Bromodichloromethane	780	U
74953	Dibromomethane	780	U
110758	2-Chloroethylvinylether	780	U
10061015	cis-1,3-dichloropropene	780	U
108883	Toluene	780	U
10061026	trans-1,3-Dichloropropene	780	U
79-00-5	1,1,2-Trichloroethane	780	U
108101	4-Methyl-2-pentanone	780	U
106934	1,2-Dibromoethane	780	U
591786	2-Hexanone	780	U
142289	1,3-dichloropropane	780	U
127184	Tetrachloroethene	780	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WASTEPILE1

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3520 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0609229

Sample wt/vol: 4.7 (g/ml) G Lab File ID: D5328.D

Level: (low/med) MED Date Received: _____

% Moisture: not dec. 17.4 Date Analyzed: 9/27/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 80 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	800	U
100414	Ethylbenzene	800	U
108907	Chlorobenzene	800	U
630206	1,1,1,2-Tetrachloroethane	800	U
1330207	m,p-Xylene	1600	U
95476	o-Xylene	800	U
100425	Styrene	800	U
75252	Bromoform	800	U
98828	Isopropylbenzene	800	U
79345	1,1,2,2-Tetrachloroethane	800	U
96184	1,2,3-Trichloropropane	800	U
103651	n-Propyl benzene	800	U
108861	Bromobenzene	800	U
108678	1,3,5-Trimethylbenzene	800	U
95498	2-Chlorotoluene	800	U
106434	4-Chlorotoluene	800	U
98066	tert-Butylbenzene	800	U
95636	1,2,4-Trimethylbenzene	800	U
135988	sec-Butylbenzene	800	U
99876	p-Isopropyltoluene	800	U
541731	1,3-Dichlorobenzene	800	U
106467	1,4-Dichlorobenzene	800	U
104518	n-Butylbenzene	800	U
95501	1,2-Dichlorobenzene	800	U
96128	1,2-Dibromo-3-Chloropropane	800	U
120821	1,2,4-Trichlorobenzene	800	U
87683	Hexachlorobutadiene	800	U
91203	Naphthalene	800	U
87616	1,2,3-Trichlorobenzene	800	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

WASTEPILE1

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3520 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0609229

Sample wt/vol: 4.7 (g/ml) G Lab File ID: D5328.D

Level: (low/med) MED Date Received: _____

% Moisture: not dec. 17.4 Date Analyzed: 9/27/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 80 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	4000	U
107131	Acrylonitrile	880	U
67641	Acetone	540	JB
75718	Dichlorodifluoromethane	800	U
74873	Chloromethane	800	U
67-64-1	Vinyl Chloride	800	U
74839	Bromomethane	800	U
75003	Chloroethane	800	U
75694	Trichoroflouromethane	800	U
75354	1,1-Dichloroethene	800	U
75150	Carbon disulfide	800	U
75092	Methylene Chloride	260	JB
156605	trans-1,2-Dichloroethene	800	U
75343	1,1-Dichloroethane	800	U
108054	Vinyl acetate	800	U
590207	2,2-Dichloropropane	800	U
789333	2-Butanone	800	U
156592	cis-1,2-Dichloroethene	800	U
67-66-3	Chloroform	800	U
74975	Bromochloromethane	800	U
71556	1,1,1-Trichloroethane	800	U
563586	1,1-Dichloropropene	800	U
56235	Carbon Tetrachloride	800	U
107062	1,2-Dichloroethane	800	U
71432	Benzene	800	U
79016	Trichloroethene	800	U
78875	1,2-Dichloropropane	800	U
75274	Bromodichloromethane	800	U
74953	Dibromomethane	800	U
110758	2-Chloroethylvinylether	800	U
10061015	cis-1,3-dichloropropene	800	U
108883	Toluene	800	U
10061026	trans-1,3-Dichloropropene	800	U
79-00-5	1,1,2-Trichloroethane	800	U
108101	4-Methyl-2-pentanone	800	U
106934	1,2-Dibromoethane	800	U
591786	2-Hexanone	800	U
142289	1,3-dichloropropane	800	U
127184	Tetrachloroethene	800	U

State of New Jersey
Department of Environmental Protection

Certifies That

Accredited Analytical Resources, LLC

Laboratory Certification ID#: 12007

having duly met the requirements of the

Regulations Governing The Certification Of
Laboratories And Environmental Measurements N.J.A.C. 7:18 et. seq.

is hereby approved as a

State Certified Environmental Laboratory

to perform the analyses as indicated on the Annual Certified Parameter List
which must accompany this certificate to be valid

Expiration Date June 30, 2007

Joseph F. Aiello, Chief
Office of Quality Assurance

THIS CERTIFICATE IS TO BE CONSPICUOUSLY DISPLAYED AT THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST IN A LOCATION ON THE PREMISES VISIBLE TO THE PUBLIC

Qualifiers
(Organics)

The EPA-defined qualifiers to be used in the organic analysis are as follows:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimated value. The flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, 2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL but greater than zero, 3) when the retention time data indicate the presence of a compound that meets the pesticide/aroclor identification criteria and the result is less than the CRQL but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in QA/QC requirements, the sample or extract must be diluted and re-analyzed according to the specifications in QA/QC requirements. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

CONFORMANCE/NON-CONFORMANCE SUMMARY

Accredited Analytical Resources, LLC received 2 soil samples (Project: Diamond Aerosol; AAR Case #3520) from Birdsall Engineering, Inc. on 9/26/06 for the analyses of Volatile Organics, Base Neutral Organics Acid Extractable Organics, Pesticides/PCBs, TCLP Metals, Reactivity, Flash Point and pH.

All analyses were performed within the required holding time.

All soil analyses were reported on a dry weight basis.

In the Volatile Organic analysis, the MDL levels were elevated due to the methanol preservation technique used at the time of sampling. The methylene chloride results reported are due to laboratory contamination.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analysis stated above."

Daniel S. Miguel
Technical Director

Date: 09/27/06

Accredited Analytical Resources, LLC
General Chemistry Laboratory Chronicle

Client Name: Birdsall Engineering, Inc
Client Field Number: WASREPILE2 Case#: 3520 Sample#: 200609230
Client Sample Description: Fax Data Due: **09/28/06**
Date Sampled: 09/25/06 Date Received: 09/26/06 Hard Copy Due: **10/06/06**
Client Project Name: Diamond Aerosol Report Package: Reduced
Phases:

Mtx	Analytes	Test Due Date	ANALYTICAL DATA RESULTS	MDL	UNITS	SAMPLE PREP DATE	INIT	SAMPLE ANALYSIS DATE	INIT	REF
S	% SOLIDS	10/09/06	83.7	0.10	%	9/27/06	CD	9/27/06	CD	3311
S	FP	10/09/06	>200	60	°F			9/27/06	T	415-4
S	PH	09/25/06	5.14		SU			9/27/06	CD	46-44
S	RCN	10/09/06	ND	0.04	mg/kg	9/27/06	T	9/27/06	T	46-20
S	RS	10/02/06	ND	47.8						46-41

Reviewed By: _____ Date: 9/27/06

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

Date: 09/27/06

Accredited Analytical Resources, LLC
General Chemistry Laboratory Chronicle

Time: 12:46:32
Page: 1

Client Name: Birdsall Engineering, Inc
Client Field Number: WASTEPILE1 Case#: 3520 Sample#: 200609229
Client Sample Description: Fax Data Due: **09/28/06**
Date Sampled: 09/25/06 Date Received: 09/26/06 Hard Copy Due: **10/06/06**
Client Project Name: Diamond Aerosol Report Package: Reduced
Phases:

Mtx	Analytes	Test Due Date	ANALYTICAL DATA RESULTS	MDL	UNITS	SAMPLE PREP DATE	INIT	SAMPLE ANALYSIS DATE	INIT	REF
S	% SOLIDS	10/09/06	82.6	0.10	%	9/27/06	CD	9/27/06	CD	3313
S	FP	10/09/06	>200	80	°F			9/27/06	T	415-14
S	PH	09/25/06	5.02		SU			9/27/06	CD	402 EX
S	RCN	10/09/06	ND	0.04	mg/kg	9/27/06	T	9/27/06	T	427-20
S	RS	10/02/06	ND	48.4	/	/	/	/	/	427-21

Reviewed By: [signature] Date: 9/27/06

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

Date: 09/27/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 12:[illegible]6:29
INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Birdsall Engineering, Inc Test Date Due: 10/09/[illegible]
Fax Data Due: **09/28/06** Hard Copy Due: **10/06/[illegible]**
Field#: WASTEPILE2 Case#: 3520 Sample#: 200609230
Client Sample Description:
Date Sampled: 09/25/06 Date Received: 09/26/06 Report Package: Reduc[illegible]

Test: TCLP MET QC#: _____
Test Description: TCLP Metals (TCLP MET)
Project Name: Diamond Aerosol
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

MTX	ELEMENT	SYM	RESULT	MDL	UNITS	LABORATORY CHRONICLE PREPARATION DATE	PREPARATION INIT	ANALYSIS DATE	ANALYSIS INIT	R[illegible]
S	Arsenic	As				09-27	BP	09-27	U	433-09
S	Barium	Ba								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Lead	Pb								
S	Mercury	Hg						09-27	BP	425-32
S	Selenium	Se							U	433-09
S	Silver	Ag								

Quality control Report Number(s): _____

Reviewed by: U Date: 09-28 RPT:Repor[illegible]

Date: 09/27/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 12:46:29

INORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Birdsall Engineering, Inc Test Date Due: 10/0[illegible]/06

Fax Data Due: 09/28/06 Hard Copy Due: 10/0[illegible]/06

Field#: WASTEPILE1 Case#: 3520 Sample#: 200609229

Client Sample Description:

Date Sampled: 09/25/06 Date Received: 09/26/06 Report Package: Reduced

Test: TCLP MET QC#: C6020-[illegible] 06029-ICP

Test Description: TCLP Metals (TCLP MET)

Project Name: Diamond Aerosol

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:[illegible]=Oth

Sample Comments:

By Method: _____

MTX	ELEMENT	SYM	RESULT	MDL	UNITS	LABORATORY CHRONICLE PREPARATION DATE	PREPARATION INIT	ANALYSIS DATE	ANALYSIS INIT	REF
S	Arsenic	As				09.27	EF	09-27	LS	433-09
S	Barium	Ba								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Lead	Pb								
S	Mercury	Hg						09.27	EF	425.32
S	Selenium	Se							LS	433-09
S	Silver	Ag								

Quality control Report Number(s): BC0609277

Reviewed by: [illegible] Date: 09-28-06 RPT:Repor

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

A PAGE 2 OF 2

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering, Inc	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way West	Analysis Turnaround Time: Standard ☐	LAB USE ONLY
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐ Per D.L.	Project No.
Phone: 732-380-1700 Fax: 1701		Job No. D736

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB's / Aroclor 1248	Sample Numbers
B-32 0-0.5	3-7-07		Soil	1	X	812410
B-33 0-0.5	↓		↓	↓	↓	411
B-34 0-0.5	↓		↓	↓	↓	412
B-33D 0-0.5	↓		↓	↓	↓	413
						~~414~~ 3/8

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions _____ Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. Dennis Blume	BEI	3/8/07 1430	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 1600	[illegible]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

Date: 09/27/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 12:4 :32

ORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Birdsall Engineering, Inc Test Date Due: 10/09/06
Fax Data Due: 09/28/06 Hard Copy Due: 10/06/05
Client Project Name: Diamond Aerosol

Date Sampled:09/25/06 Date Received:09/26/06 Report Package: Reduced

Test: TCLP EXT MET QC#:
Test Description:TCLP Extraction Metals (TCLP EXT MET)

By Method:

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS		
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init
WASTEPILE1	3520	200609229	S	09/26/06	1600	JAM			
WASTEPILE2	3520	200609230	S						

Reviewed by: Dr Date: 9/27/06

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Rep 01

Date: 09/27/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 12:46:31

ORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Birdsall Engineering, Inc Test Date Due: 10/02
Fax Data Due: 09/28/06 Hard Copy Due: 10/06
Client Project Name: Diamond Aerosol

Date Sampled:09/25/06 Date Received:09/26/06 Report Package: Reduced

Test: PEST/PCB QC#:
Test Description:Pesticides/PCBs (Pest/PCB)

By Method:

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS		
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init
WASTEPILE1	3520	200609229	S	9/27/06		JRB	9/27/06	17:57	JRB
WASTEPILE2	3520	200609230	S					18:27	

12

Reviewed by: PK Date: 9/28/06

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Re 01

Date: 09/27/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 12:46:31

ORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Birdsall Engineering, Inc Test Date Due: 10/02/06
Fax Data Due: 09/28/06 Hard Copy Due: 10/06/06
Client Project Name: Diamond Aerosol

Date Sampled:09/25/06 Date Received:09/26/06 Report Package: Reduced

Test: BNA QC#:
Test Description:Base Neutral Acid Compounds (BNA)

By Method:

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS		
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init
WASTEPILE1	3520	200609229	S	9/27/06		JRB	9/27/06	17:21	JM
WASTEPILE2	3520	200609230	S					18:51	

Reviewed by: SA Date: 9/28/06

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

Date: 09/27/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 12:46:31

ORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Birdsall Engineering, Inc Test Date Due: 10/09/06
Fax Data Due: 09/28/06 Hard Copy Due: 10/06/06
Client Project Name: Diamond Aerosol

Date Sampled:09/25/06 Date Received:09/26/06 Report Package: Reduced

Test: MEVO QC#: _____
Test Description:Methanol Preserved Volatiles (MEVO)

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS		
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init
WASTEPILE1	3520	200609229	S				9/27/06	13:03	CF
WASTEPILE2	3520	200609230	S				9/27/06		

Reviewed by: [illegible] Date: 9/28/06

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

14

Reactive Cyanide - SW 846, 7.3.3.2 (solid)

An aliquot of the waste is acidified with 0.01 N sulfuric acid in a closed system. The gas generated is swept into a scrubber. The analyte is quantified by manual colorimetric method. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Reactive Sulfide - SW 846, 7.3.4.1 (solid)

An aliquot of the waste is acidified with 0.01 N sulfuric acid in a closed system. The gas generated is swept into a scrubber. The sulfide in the scrubber solution is first reacted with iodine. The excess iodine is then back-titrated with phenylarsine oxide. The concentration of sulfide is determined through the back calculation of iodine being consumed. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Flash Point - EPA 1010

The sample is heated at a slow constant rate with continual stirring. A small flame is directed into the cup at regular intervals with simultaneous interruption of stirring. The flash point is the lowest temperature at which application of the test flame ignites the vapor above the sample. The method is followed according to EPA "Test Methods for Evaluating Solid Waste", SW-846, 3rd ed., 1986.

pH - EPA 9045 (soil)

The soil sample is mixed either with Type II water or with a calcium chloride solution. The pH of the mixed solution is then measured with a pH meter.

METHODOLOGY SUMMARY

Volatile Organics - EPA 8260 (soil)

An inert gas is purged through a 5 g sample at elevated temperature. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

Base-Neutral/Acid Extractables - EPA 8270 (soil)

A 30 gram portion of soil is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone. The methylene chloride extract is dried and concentrated and a measured amount is injected onto a GC and the analytes are detected with a mass spectrometer.

Pesticides/PCB's - EPA 8081/8082 (soil/solid)

A 30 gram portion of solid is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone using sonication technique. The extract is separated from the sample by either centrifugation or filtration. The extract is then solvent-exchanged to hexane in a K-D concentrator to a final volume of 10 ml. The extract is injected into a gas chromatograph and the compounds in the GC effluent are detected by an electron capture detector.

Toxic Characteristic Leaching Procedure - TCLP (EPA Method (1311)

Before the leaching procedure can be initiated, the information regarding the wet % and dry % solid of the solid sample as well as the utilization of the extraction fluid, either #1 or #2, must be determined.

For the Metal Analysis, a mimimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass or plastic extraction bottle and then rotated at 30 +/- 2 rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Metals in the leachate is determined by EPA Method 7471 for mercury, Method 7060 for arsenic, Method 7740 for selenium and Method 6010 (ICAP) and/or Method 7000's (Flame-AA) for the rest of metals.

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 3520 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	RS	09/25/06	09/26/06
WASREPILE2	200609230	RS	09/25/06	09/26/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
		Printed Name Joe Logan	Printed Name	
9/26		Signature	Signature	
		Printed Name	Printed Name Joe Logan	
9/26		Signature	Signature	cold storage
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 291COC

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No 3520 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	RCN	09/25/06	09/26/06
WASREPILE2	200609230	RCN	09/25/06	09/26/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
9/26/06		Printed Name Joe Logan Signature	Printed Name Signature	
9/26/06		Printed Name Signature	Printed Name Joe Logan Signature	Cold Storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 24ICOC

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No 3520 __ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	PH	09/25/06	09/26/06
WASREPILE2	200609230	PH	09/25/06	09/26/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
9/27/06		Printed Name Joe Logan Signature [signature]	Printed Name Cyril Dahl Signature CDahl	Analysis
9/27/06		Printed Name Cyril Dahl Signature CDahl	Printed Name Joe Logan Signature [signature]	Cold St
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM 291COC

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 3520 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	FP	09/25/06	09/26/06
WASREPILE2	200609230	FP	09/25/06	09/26/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
9/27/06		Printed Name Joe Logan	Printed Name	
		Signature	Signature	
9/27/06		Printed Name	Printed Name Joe Logan	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 91COC

D736

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

A PAGE 1 OF 2

Name (for report and invoice): David Buckman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering Inc	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐ Per. DL	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D736

Sample Identification		Date	Time	Matrix	No. of Cont.	PCB / Aroclor 1248	Sample Numbers
B-1	0-0.5	3-7-07		Soil	1	X	812400
B-2	0-0.5	↓		↓		↓	401
B-3	0.5-1						402
B-4	0.5-1						403
B-5	0.5-1						404
B-6	0.5-1						405
B-7	0-0.5						406
B-8	0-0.5						407
B-9	0-0.5						408
B-31	0-0.5						409

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions _____ Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. Dennis Blume	BEI	3-8-07 1430	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 1600	[illegible]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No 3520 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	% SOLIDS	09/25/06	09/26/0
WASREPILE2	200609230	% SOLIDS	09/25/06	09/26/0

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
9/27/06		Printed Name Joe Logan Signature [signature]	Printed Name Cyril Dabh Signature CDabh	Analysis
9/27/06		Printed Name Cyril Dabh Signature CDabh	Printed Name Joe Logan Signature [signature]	cold st
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 291COC

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 3520 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	TCLP MET	09/25/06	09/26/0
WASTEPILE2	200609230	TCLP MET	09/25/06	09/26/0

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
09/27/06	0900	Printed Name J. A. Mendez Signature	Printed Name E. FLORES Signature	Digestion
09/27		Printed Name E. Flores Signature	Printed Name J Logan Signature J Logan	Cold Storage
		Printed Name Signature	Printed Name Signature	Digested Storage
09/27		Printed Name E Flores Signature	Printed Name L. TORRES Signature	Analysis
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM
DICOC

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No none Date Broken: __/__/__ Military Time Seal Broken _____

Case No 3520 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	TCLP EXT MET	09/25/06	09/26/06
WASTEPILE2	200609230	TCLP EXT MET	09/25/06	09/26/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
09/26/06	1500	Printed Name Joe Logan Signature Joe Logan	Printed Name J.A. Mandwik Signature	Extraction
09/26/06	1600	Printed Name J.A. Mandwik Signature	Printed Name J Logan Signature J Logan	Cold Storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM 91COC

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 3520 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	PEST/PCB	09/25/06	09/26/06
WASTEPILE2	200609230	PEST/PCB	09/25/06	09/26/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
9/27/06	9:00	Printed Name: Joe Logan Signature: [illegible]	Printed Name: J. Bustin Signature: J. Bustin	Extraction
9/27/06	13:00	Printed Name: J. Bustin Signature: J. Bustin	Printed Name: Joe Logan Signature: [illegible]	Cold Storage
		Printed Name: Signature:	Printed Name: [illegible] Signature:	Extract Storage
9/27/06	1400	Printed Name: J. Bustin Signature: J. Bustin	Printed Name: [illegible] Signature:	Analysis
09/27/06	1500	Printed Name: Signature:	Printed Name: Signature:	
		Printed Name: Signature:	Printed Name: Signature:	
		Printed Name: Signature:	Printed Name: Signature:	

FORM

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 3520 __ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	BNA	09/25/06	09/26/06
WASTEPILE2	200609230	BNA	09/25/06	09/26/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
9/27/06	9:00	Printed Name: Joe Logan Signature: [signature]	Printed Name: J. Bustin Signature: J. Bustin	Extraction
9/27/06	13:00	Printed Name: J. Bustin Signature: J. Bustin	Printed Name: J Logan Signature: J Logan	Cold Storage
		Printed Name: Signature:	Printed Name: Signature:	Extract Storage
9/27/06		Printed Name: J. Bustin Signature: J. Bustin	Printed Name: [illegible] Signature: [signature]	Analysis
		Printed Name: Signature:	Printed Name: Signature:	
		Printed Name: Signature:	Printed Name: Signature:	
		Printed Name: Signature:	Printed Name: Signature:	

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 3520 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
WASTEPILE1	200609229	MEVO	09/25/06	09/26/0
WASTEPILE2	200609230	MEVO	09/25/06	09/26/0

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
		Printed Name Joe Logan	Printed Name Gary Fisch	analysis
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 91COC

CHAIN OF CUSTODY FORM

ACCREDITED ANALYTICAL RESOURCES, LLC
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 969-6112 FAX (732) 541-1383
creditedanalytical.com

STATE AGENCY (NJ) NY PA CT DE OTHER _____

CLIENT	Birdsall Engineering, Inc
ADDRESS	611 Industrial Way West
CITY	Eatontown
STATE	NJ
ZIP	07724

PROJECT	Diamond Aerosol
CONTACT	David Backman
PHONE	732-380-1700
FAX	" " 1701
E-MAIL	Dave B@birdsall.com

LABORATORY SAMPLE #	CLIENT FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0609229	WASTEPILE-1	3	S	9-25-06	Soil	RCRA CHARACTERISTICS, RCB, TCLP, METALS, VO, BNA, PEST
0609230	WASTEPILE-2	3	S	9-25-06	Soil	" " " " "

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS | TURNAROUND: 48 ~~72~~-hour (IF BLANK, STD. 3 WEEKS)

QA/QC DELIVERABLES (circle one) STD REDUCED FULL OTHER _____

RELINQUISHED BY: PRINT	RELINQUISHED BY: SIGN	RECEIVED BY: PRINT	RECEIVED BY: SIGN	ORGANIZATION	DATE	TIME	REASON
~~Dennis~~ K Blume	[signature]	R GARCIA	[signature]	AAR	9/26		
Leon Cha	[signature]	Joe Logan	[signature]	AAR	9/26	1700	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: _____ SIGN: _____

COMMENTS	Temp 4°C 48 ~~72~~-hour turnaround

AAR QUOTE#	
AAR CASE#	5520
P.O.#	

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MS/MSD Summary	
Method Blank	
Metals:	103
Standard Calibrations	
Blanks	
ICP Interference Check Sample	
Spike Sample Recovery	
Sample Duplicate	
Laboratory Control Sample	
ICP Serial Dilution	
General Chemistry:	113
Sample Duplicate	
Raw Data	
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ANALYTICAL DATA REPORT

for

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724

Project: Diamond Aerosol

ACCREDITED ANALYTICAL RESOURCES CASE No.: 3520
DATE RECEIVED: 09/26/06

Field ID	Laboratory Sample #
WASTEPILE1	200609229
WASTEPILE2	200609230

Accredited Analytical Resources, LLC New Jersey Certification Number 12007. This data has been reviewed and accepted by:

Daniel S. Miguel
Technical Director

Total Pages 132

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-9D

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608138

Sample wt/vol: 30 (g/ml) G Lab File ID: G2225.D

% Moisture: 14 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	1600	
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

General Information

Chain of Custody

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-14

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608137

Sample wt/vol: 30 (g/ml) G Lab File ID: G2224.D

% Moisture: 28 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	23	U
11104-28-2	Aroclor-1221	23	U
11141-16-5	Aroclor-1232	23	U
53469-21-9	Aroclor-1242	23	U
12672-29-6	Aroclor-1248	99	P
11097-69-1	Aroclor-1254	23	U
11096-82-5	Aroclor-1260	23	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-13

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3210 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0608136

Sample wt/vol: 30 (g/ml) G Lab File ID: G2220.D

% Moisture: 13 decanted:(Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	1500	
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-12DL

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608135DL

Sample wt/vol: 30 (g/ml) G Lab File ID: G2244.D

% Moisture: 16 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	400	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	31000	D
11097-69-1	Aroclor-1254	400	U
11096-82-5	Aroclor-1260	400	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-12

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608135

Sample wt/vol: 30 (g/ml) G Lab File ID: G2219.D

% Moisture: 16 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	20	U
11104-28-2	Aroclor-1221	20	U
11141-16-5	Aroclor-1232	20	U
53469-21-9	Aroclor-1242	20	U
12672-29-6	Aroclor-1248	17000	E
11097-69-1	Aroclor-1254	20	U
11096-82-5	Aroclor-1260	20	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-11

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608134

Sample wt/vol: 30 (g/ml) G Lab File ID: G2218.D

% Moisture: 11 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	990	
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-10

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608133

Sample wt/vol: 30 (g/ml) G Lab File ID: G2217.D

% Moisture: 11 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	210	P
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-9

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608132

Sample wt/vol: 30 (g/ml) G Lab File ID: G2216.D

% Moisture: 18 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	20	U
11104-28-2	Aroclor-1221	20	U
11141-16-5	Aroclor-1232	20	U
53469-21-9	Aroclor-1242	20	U
12672-29-6	Aroclor-1248	580	
11097-69-1	Aroclor-1254	20	U
11096-82-5	Aroclor-1260	20	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-8DL

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608131DL

Sample wt/vol: 30 (g/ml) G Lab File ID: G2243.D

% Moisture: 12 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	14000	D
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-8

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3210 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0608131

Sample wt/vol: 30 (g/ml) G Lab File ID: G2215.D

% Moisture: 12 decanted:(Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	8800	E
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-7

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3210 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0608130

Sample wt/vol: 30 (g/ml) G Lab File ID: G2214.D

% Moisture: 9 decanted:(Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	18	U
11104-28-2	Aroclor-1221	18	U
11141-16-5	Aroclor-1232	18	U
53469-21-9	Aroclor-1242	18	U
12672-29-6	Aroclor-1248	110	
11097-69-1	Aroclor-1254	18	U
11096-82-5	Aroclor-1260	18	U

Client ID: **B-33D_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812413**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416937.d
Rear File ID: vr416937.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-6

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608129

Sample wt/vol: 30 (g/ml) G Lab File ID: G2213.D

% Moisture: 11 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	19	U
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-5DL

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 3210 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0608128DL

Sample wt/vol: 30 (g/ml) G Lab File ID: G2242.D

% Moisture: 14 decanted:(Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	16000	D
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-5

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608128

Sample wt/vol: 30 (g/ml) G Lab File ID: G2212.D

% Moisture: 14 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	9800	E
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-4DL

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608127DL

Sample wt/vol: 30 (g/ml) G Lab File ID: G2241.D

% Moisture: 14 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	97	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	97	U
53469-21-9	Aroclor-1242	97	U
12672-29-6	Aroclor-1248	4800	D
11097-69-1	Aroclor-1254	97	U
11096-82-5	Aroclor-1260	97	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-4

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608127

Sample wt/vol: 30 (g/ml) G Lab File ID: G2211.D

% Moisture: 14 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	3200	E
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-3DL

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608126DL

Sample wt/vol: 30 (g/ml) G Lab File ID: G2240.D

% Moisture: 14 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016 97	U
11104-28-2	Aroclor-1221 97	U
11141-16-5	Aroclor-1232 97	U
53469-21-9	Aroclor-1242 97	U
12672-29-6	Aroclor-1248 6300	D
11097-69-1	Aroclor-1254 97	U
11096-82-5	Aroclor-1260 97	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-3

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608126

Sample wt/vol: 30 (g/ml) G Lab File ID: G2210.D

% Moisture: 14 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	4500	E
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-2DL

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608125DL

Sample wt/vol: 30 (g/ml) G Lab File ID: G2239.D

% Moisture: 13 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	96	U
11104-28-2	Aroclor-1221	96	U
11141-16-5	Aroclor-1232	96	U
53469-21-9	Aroclor-1242	96	U
12672-29-6	Aroclor-1248	6700	D
11097-69-1	Aroclor-1254	96	U
11096-82-5	Aroclor-1260	96	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PX-2

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608125

Sample wt/vol: 30 (g/ml) G Lab File ID: G2209.D

% Moisture: 13 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	19	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	4500	E
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

1D

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PX-1

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 3210 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0608124

Sample wt/vol: 30 (g/ml) G Lab File ID: G2208.D

% Moisture: 19 decanted:(Y/N) N Date Received:

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 8/28/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 8/29/2006

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	21	U
11104-28-2	Aroclor-1221	21	U
11141-16-5	Aroclor-1232	21	U
53469-21-9	Aroclor-1242	21	U
12672-29-6	Aroclor-1248	130	
11097-69-1	Aroclor-1254	21	U
11096-82-5	Aroclor-1260	21	U

Client ID: **B-34_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812412**
Lab Job No: D736

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417060.d
Rear File ID: vr417060.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	170	R
Aroclor-1221	ND	170	R
Aroclor-1232	ND	170	R
Aroclor-1242	ND	170	R
Aroclor-1248	3600	170	F
Aroclor-1254	ND	170	R
Aroclor-1260	ND	170	R
Aroclor-1262	ND	170	R
Aroclor-1268	ND	170	R

State of New Jersey
Department of Environmental Protection

Certifies That

Accredited Analytical Resources, LLC

Laboratory Certification ID#: 12007

having duly met the requirements of the

Regulations Governing The Certification Of
Laboratories And Environmental Measurements N.J.A.C. 7:18 et. seq.

is hereby approved as a

State Certified Environmental Laboratory

to perform the analyses as indicated on the Annual Certified Parameter List
which must accompany this certificate to be valid

Expiration Date June 30, 2007

Joseph F. Aiello, Chief
Office of Quality Assurance

THIS CERTIFICATE IS TO BE CONSPICUOUSLY DISPLAYED AT THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST IN A LOCATION ON THE PREMISES VISIBLE TO THE PUBLIC

Qualifiers
(Organics)

The EPA-defined qualifiers to be used in the organic analysis are as follows:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimated value. The flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, 2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL but greater than zero, 3) when the retention time data indicate the presence of a compound that meets the pesticide/aroclor identification criteria and the result is less than the CRQL but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in QA/QC requirements, the sample or extract must be diluted and re-analyzed according to the specifications in QA/QC requirements. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

CONFORMANCE/NON-CONFORMANCE SUMMARY

Accredited Analytical Resources, LLC received 15 soil samples (Project: Diamond Aerosol; AAR Case #3210) from Birdsall Engineering, Inc. on 8/25/06 for the analyses of PCBs.

All analyses were performed within the required holding time.

All analyses were reported on a dry weight basis.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analysis stated above."

Daniel S. Miguel
Technical Director

Date: 08/28/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 10.[illegible]:02

ORGANIC ANALYSIS LABORATORY CHRONICLE

Client: Birdsall Engineering, Inc Test Date Due: 09/01/[illegible]
Fax Data Due: **08/30/06** Hard Copy Due: **09/07/[illegible]**
Client Project Name: Diamond Aerosol

Date Sampled:08/25/06 Date Received:08/25/06 Report Package: Reduced

Test: PCB QC#: _____
Test Description:PCBs (PCB)

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS		
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init
PX-1	3210	200608124	S	8/28/06		B.	8/29/06	00:08	PK
PX-2	3210	200608125	S					00:44	
PX-3	3210	200608126	S					01:19	
PX-4	3210	200608127	S					01:54	
PX-5	3210	200608128	S					02:30	
PX-6	3210	200608129	S					03:05	
PX-7	3210	200608130	S					03:40	
PX-8	3210	200608131	S					04:16	
PX-9	3210	200608132	S					04:51	
PX-10	3210	200608133	S					05:26	
PX-11	3210	200608134	S					06:02	
PX-12	3210	200608135	S					06:37	
PX-13	3210	200608136	S					07:12	
PX-14	3210	200608137	S					09:34	
PX-9D	3210	200608138	S					10:10	

Reviewed by: PK Date: 8/30/06

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Report01

METHODOLOGY SUMMARY

PCB's - EPA 8082 (soil/solid)

A 30 gram portion of solid is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone using sonication technique. The extract is separated from the sample by either centrifugation or filtration. The extract is then solvent-exchanged to hexane in a K-D concentrator to a final volume of 10 ml. The extract is injected into a gas chromatograph and the compounds in the GC effluent are detected by an electron capture detector.

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 3210 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
PX-1	200608124	PCB	08/25/06	08/25/06
PX-2	200608125	PCB	08/25/06	08/25/06
PX-3	200608126	PCB	08/25/06	08/25/06
PX-4	200608127	PCB	08/25/06	08/25/06
PX-5	200608128	PCB	08/25/06	08/25/06
PX-6	200608129	PCB	08/25/06	08/25/06
PX-7	200608130	PCB	08/25/06	08/25/06
PX-8	200608131	PCB	08/25/06	08/25/06
PX-9	200608132	PCB	08/25/06	08/25/06
PX-10	200608133	PCB	08/25/06	08/25/06
PX-11	200608134	PCB	08/25/06	08/25/06
PX-12	200608135	PCB	08/25/06	08/25/06
PX-13	200608136	PCB	08/25/06	08/25/06
PX-14	200608137	PCB	08/25/06	08/25/06
PX-9D	200608138	PCB	08/25/06	08/25/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/28/06	600	Printed Name: Joe Logan Signature: [signature]	Printed Name: E. Simko Signature: [signature]	Extraction
8/28/06	800	Printed Name: E. Simko Signature: [signature]	Printed Name: Joe Logan Signature: [signature]	Cold Storage
		Printed Name: Signature:	Printed Name: Signature:	Extract Storage
8/29/06	1000	Printed Name: E. Simko Signature: [signature]	Printed Name: P. Kunkle Signature: P. Kunkle	Analysis
		Printed Name: Signature:	Printed Name: Signature:	
		Printed Name: Signature:	Printed Name: Signature:	
		Printed Name: Signature:	Printed Name: Signature:	

ACCREDITED LABORATORIES, INC.
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 541-2025 FAX (732) 541-1383

CHAIN OF CUSTODY FORM

STATE AGENCY (NJ) NY PA CT DE OTHER ____

CLIENT	Bridgall Engineering, Inc.		
ADDRESS	611 Industrial way west		
CITY	Eatontown, NJ		
STATE	NJ	ZIP	07724

PROJECT	Diamond Aerosol
CONTACT	David Buchman
PHONE	732-380-1700
FAX	732-380-1701

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0608124	PX-1	1	S	8/25/06	Soil	PCBs via USEPA Meth 8082
0608125	PX-2					
0608126	PX-3					
0608127	PX-4					
0608128	PX-5					
0608129	PX-6					
0608130	PX-7					
0608131	PX-8					
0608132	PX-9					
0608133	PX-10					
0608134	PX-11					
0608135	PX-12					
0608136	PX-13					
0608137	PX-14					
0608138	PX-9D					

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: 72 hour Rush!! Per willie (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) STD REDUCED FULL OTHER ____

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
David Buchman	[signature]	[illegible]	[signature]	[illegible]	[illegible]	[illegible]	[illegible]
		Joe Logan	[signature]	APL	[illegible]	[illegible]	[illegible]

. ERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: David Buchman SIGN: [signature]

COMMENTS	Temp 4°C

ALI QUOTE#	
ALI CASE#	3210
P.O.#	

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Accredited Analytical Resources, LLC

Analytical Data Report

for

Birdsall Engineering, Inc
611 Industrial Way West
Eatontown, NJ 07724

Project: Diamond Aerosol

Accredited Analytical Resources Case No.: 3210
Date Received: 08/25/06

Field ID	Laboratory Sample #
PX-1	200608124
PX-2	200608125
PX-3	200608126
PX-4	200608127
PX-5	200608128
PX-6	200608129
PX-7	200608130
PX-8	200608131
PX-9	200608132
PX-10	200608133
PX-11	200608134
PX-12	200608135
PX-13	200608136
PX-14	200608137
PX-9D	200608138

Accredited Analytical Resources, LLC New Jersey Certification Number 12007. This data has been reviewed and accepted by:

Daniel S. Miguel
Technical Director

Total Pages 61

20 Pershing Avenue • Carteret, NJ 07008 • P: 732.969.6112 • F: 732.541.1383 • accreditedanalytical.com

SEVERN TRENT STL

Nonconformance Summary

STL Edison Job Number: D736

Client: Birdsall Engineering, Inc.

Date: 3/28/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

04/06/2007

Birdsall Engineering, Inc.
511 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. D737 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 8, 2007.

Lab No.	Client ID	Analysis Required
812414	B-1_1-1.5	PCBs
812418	B-2_1-1.5	PCBs
812422	B-3_1-1.5	PCBs
812425	B-4_1-1.5	PCBs
812428	B-5_1-1.5	PCBs
812431	B-6_1-1.5	PCBs
812434	B-7_1-1.5	PCBs
812435	B-7_2-2.5	PCBs
812438	B-8_1-1.5	PCBs
812442	B-9_1-1.5	PCBs
812446	B-31_1-1.5	PCBs
812450	B-32_1-1.5	PCBs
812454	B-33_1-1.5	PCBs
812455	B-33_2-2.5	PCBs
812458	B-34_1-1.5	PCBs

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. D737 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
312459	B-34_2-2.5	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

Analytical Results Summary 1

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Analytical Results Summary

Client ID: **B-1_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812414**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/11/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058005.d
Rear File ID: qr058005.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **B-2_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812418**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/11/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058011.d
Rear File ID: qr058011.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **B-3_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812422**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/11/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058015.d
Rear File ID: qr058015.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-4_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812425**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/11/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058018.d
Rear File ID: qr058018.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-5_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812428**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/11/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058021.d
Rear File ID: qr058021.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **B-6_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812431**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416976.d
Rear File ID: vr416976.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-7_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812434**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416983.d
Rear File ID: vr416983.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-7_2-2.5**
Site: Diamond Aerosol

Lab Sample ID: **812435**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416984.d
Rear File ID: vr416984.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-8_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812438**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416987.d
Rear File ID: vr416987.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-9_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812442**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416991.d
Rear File ID: vr416991.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **B-31_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812446**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/09/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416995.d
Rear File ID: vr416995.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **B-32_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812450**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416946.d
Rear File ID: vr416946.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **B-33_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812454**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416950.d
Rear File ID: vr416950.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: B-33_2-2.5
Site: Diamond Aerosol

Lab Sample ID: 812455
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416951.d
Rear File ID: vr416951.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-34_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812458
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416954.d
Rear File ID: vr416954.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-34_2-2.5**
Site: Diamond Aerosol

Lab Sample ID: **812459**
Lab Job No: D737

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/12/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417023.d
Rear File ID: vr417023.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	86	R
Aroclor-1221	ND	86	R
Aroclor-1232	ND	86	R
Aroclor-1242	ND	86	R
Aroclor-1248	ND	86	R
Aroclor-1254	ND	86	R
Aroclor-1260	ND	86	R
Aroclor-1262	ND	86	R
Aroclor-1268	ND	86	R

General Information

Chain of Custody

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

B PAGE 1 OF 5

Name (for report and invoice): David Buckman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering Inc	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
Address: 611 Industrial Way West	Analysis Turnaround Time: Standard ☐	Regulatory Program:
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	LAB USE ONLY Project No.
Phone: 732-380-1700 Fax: 1701		Job No. D737

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroch. 1248	Extract & HOLD	Sample Numbers
B-1 1-1.5	3-7-07		Soil	1	X	X	812414
B-1 2-2.5	↓		↓	↓	↓	↓	415
B-1 3-3.5	↓		↓	↓	↓	↓	416
B-1 4-4.5	↓		↓	↓	↓	↓	417
B-2 1-1.5	↓		↓	↓	↓	↓	418
B-2 2-2.5	↓		↓	↓	↓	↓	419
B-2 3-3.5	↓		↓	↓	↓	↓	420
B-2 4-4.5	↓		↓	↓	↓	↓	421
B-3 1-1.5	↓		↓	↓	↓	↓	422
B-3 3-3.5	↓		↓	↓	↓	↓	423

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other _____, 7 = Other _____ Water:

Special Instructions HOLD = Contingent upon other Analysis Cooler Temp: 1, 3, 6 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1430	Ed Reynolds	[signature]
2. Ed Reynolds	[signature]	3/8/07 1600	[signature]	[signature]
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

B PAGE 2 OF 5

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering Inc	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D737

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/~~Aroclor 1248~~ 1/3/8/07	Extract & HOLD	Sample Numbers
B-3 4-4.5	3-7-07		Soil	1	X	X	812424
B-4 1-1.5	↓		↓	↓	↓	↓	425
B-4 3-3.5	↓		↓	↓	↓	↓	426
B-4 4-4.5	↓		↓	↓	↓	↓	427
B-5 1-1.5	↓		↓	↓	↓	↓	428
B-5 3-3.5	↓		↓	↓	↓	↓	429
B-5 4-4.5	↓		↓	↓	↓	↓	430
B-6 1-1.5	↓		↓	↓	↓	↓	431
B-6 3-3.5	↓		↓	↓	↓	↓	432
B-6 4-4.5	↓		↓	↓	↓	↓	433

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD = Contigent upon other analysis Cooler Temp: 1, 3, 1.1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1430	[signature]	STL
2. [signature]	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

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D737

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CHAIN OF CUSTODY / ANALYSIS REQUEST

B PAGE 3 OF 5

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering Inc.	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒	
Phone: 732-380-1700 Fax: 1701	3 Day ☐ Other ☐	

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D737

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1248 by 8082	Extract & HOLD	Sample Numbers
B-7 1-1.5	3-7-07		Soil	1	X	X	812434
B-7 2-2.5	↓		↓	↓	↓	↓	435
B-7 3-3.5							436
B-7 4-4.5							437
B-8 1-1.5							438
B-8 2-2.5							439
B-8 3-3.5							440
B-8 4-4.5							441
B-9 1-1.5							442
B-9 2-2.5	↓		↓	↓	↓	↓	443

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water:

Special Instructions HOLD = Contingent upon 1st run Cooler Temp: 4.3/4.1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1430	[signature]	STL
2. [signature]	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

B PAGE 4 OF 5

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Dune	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering Inc	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 60 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒, 3 Day ☐, Other ☐	
Phone: 732-380-1700 Fax: 1701		

LAB USE ONLY
Project No.
Job No. D737

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1248 ~~PAH 8310/7~~	Extract & HOLD	Sample Numbers
B-9 3-3.5	3-7-07		Soil	1	x	x	812444
B-9 4-4.4							445
B-31 1-1.5							446
B-31 2-2.5							447
B-31 3-3.5							448
B-31 4-4.5							449
B-32 1-1.5							450
B-32 2-2.5							451
B-32 3-3.5							452
B-32 4-4.5							453

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water:

Special Instructions HOLD = Contingent upon 1ST run Cooler Temp: 4.3/4.1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1430	[signature]	STL
2. [signature]	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

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777 N. Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

B PAGE 5 OF 5

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering Inc	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732 380 1700 Fax: 1701		

LAB USE ONLY
Project No.
Job No. D737

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1268 Extract and HOLD		Sample Numbers
B-35 1-1.5	3-7-07		Soil	1	x	x	812454
B-33 2-2.5							455
B-33 3-3.5							456
B-33 4-4.5							457
B-34 1-1.5							458
B-34 2-2.5							459
B-34 3-3.5							460
B-34 4-4.5							461
B-34D 4-4.5							462
[redacted]							463

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water:

Special Instructions HOLD = Contingent upon 1st Run Cooler Temp: 4.3/1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-5-07 1430	[signature]	STL
2. [signature]	STL	3/8/07 1100	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

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D737 STL Edison 23

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D737 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812414	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/11/2007	Diaz, Carol	5039
812415	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812416	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812417	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812418	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/11/2007	Diaz, Carol	5039
812419	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812420	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812421	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812422	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/11/2007	Diaz, Carol	5039
812423	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812424	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812425	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/11/2007	Diaz, Carol	5039
812426	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812427	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812428	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/11/2007	Diaz, Carol	5039
812429	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812430	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5039
812431	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/14/2007	Diaz, Carol	5040
812432	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812433	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812434	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/14/2007	Diaz, Carol	5040
812435	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/14/2007	Diaz, Carol	5040
812436	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812437	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812438	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/14/2007	Diaz, Carol	5040
812439	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D737 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812440	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812441	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812442	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/14/2007	Diaz, Carol	5040
812443	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812444	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812445	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812446	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/14/2007	Diaz, Carol	5040
812447	3/7/2007	3/08/2007	3/9/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5040
812448	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812449	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812450	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5057
812451	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812452	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812453	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812454	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5057
812455	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5057
812456	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812457	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812458	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5057
812459	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/14/2007	Diaz, Carol	5057
812460	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812461	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057
812462	3/7/2007	3/08/2007	3/12/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5057

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

SEVERN TRENT STL

Nonconformance Summary

STL Edison Job Number: D737

Client: Birdsall Engineering, Inc.

Date: 4/6/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

PCB QA batch 5039 : MS/MSD RPD for Aroclor-1260 is biased high.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

04/06/2007

Birdsall Engineering, Inc.
411 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. D738 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 8, 2007.

Lab No.	Client ID	Analysis Required
812463	B-25_0-0.5	PCBs
812464	B-25_1-1.5	PCBs
812465	B-25_2-2.5	PCBs
812468	B-26_0-0.5	PCBs
812469	B-26D_0-0.5	PCBs
812470	B-26_1-1.5	PCBs
812474	B-27_0-0.5	PCBs
812475	B-27D_0-0.5	PCBs
812476	B-27_1-1.5	PCBs
812490	B-30_0-0.5	PCBs
812491	B-30_1-1.5	PCBs
812495	B-35_0-0.5	PCBs
812496	B-35_1-1.5	PCBs
812500	B-36_0-0.5	PCBs
812501	B-36_1-1.5	PCBs
812502	B-36_2-2.5	PCBs
812503	B-36_3-3.5	PCBs
812505	B-37_0-0.5	PCBs
812506	B-37_1-1.5	PCBs
812510	B-38_0-0.5	PCBs
812511	B-38_1-1.5	PCBs

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. D738 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
812515	B-39_0-0.5	PCBs
812516	B-39_1-1.5	PCBs
812517	B-39_2-2.5	PCBs
812520	B-40_0-0.5	PCBs
812521	B-40_1-1.5	PCBs
812522	B-40_2-2.5	PCBs
812523	B-40_3-3.5	PCBs

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. D738 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
812525	B-25D_0-0.5	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

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Analytical Results Summary

Client ID: **B-25_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812463**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416813.d
Rear File ID: vr416813.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 23

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	87	R
Aroclor-1221	ND	87	R
Aroclor-1232	ND	87	R
Aroclor-1242	ND	87	R
Aroclor-1248	260	87	R
Aroclor-1254	ND	87	R
Aroclor-1260	ND	87	R
Aroclor-1262	ND	87	R
Aroclor-1268	ND	87	R

Client ID: **B-25_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812464**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416816.d
Rear File ID: vr416816.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **B-25_2-2.5**
Site: Diamond Aerosol

Lab Sample ID: **812465**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416817.d
Rear File ID: vr416817.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-26_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812468**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416820.d
Rear File ID: vr416820.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-26D_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812469**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416821.d
Rear File ID: vr416821.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: B-26_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812470
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416822.d
Rear File ID: vr416822.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: B-27_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812474
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416907.d
Rear File ID: vr416907.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	ND	88	R
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: B-27D_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812475
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416827.d
Rear File ID: vr416827.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **B-27_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812476**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416828.d
Rear File ID: vr416828.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **B-30_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812490**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416848.d
Rear File ID: vr416848.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 29

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	95	R
Aroclor-1221	ND	95	R
Aroclor-1232	ND	95	R
Aroclor-1242	ND	95	R
Aroclor-1248	ND	95	R
Aroclor-1254	ND	95	R
Aroclor-1260	ND	95	R
Aroclor-1262	ND	95	R
Aroclor-1268	ND	95	R

Client ID: **B-30_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812491**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416849.d
Rear File ID: vr416849.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: B-35_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812495
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416857.d
Rear File ID: vr416857.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: B-35_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812496
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/10/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416858.d
Rear File ID: vr416858.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: B-36_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812500
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416864.d
Rear File ID: vr416864.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	480	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **B-36_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812501**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416865.d
Rear File ID: vr416865.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	710	80	F
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: B-36_2-2.5
Site: Diamond Aerosol

Lab Sample ID: 812502
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416866.d
Rear File ID: vr416866.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-36_3-3.5
Site: Diamond Aerosol

Lab Sample ID: 812503
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416867.d
Rear File ID: vr416867.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-37_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812505**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416869.d
Rear File ID: vr416869.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **B-37_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812506**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416870.d
Rear File ID: vr416870.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-38_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812510
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416878.d
Rear File ID: vr416878.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	ND	88	R
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: B-38_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812511
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416879.d
Rear File ID: vr416879.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: B-39_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812515
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416885.d
Rear File ID: vr416885.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	180	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-39_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812516
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416886.d
Rear File ID: vr416886.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	120	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-39_2-2.5**
Site: Diamond Aerosol

Lab Sample ID: **812517**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416887.d
Rear File ID: vr416887.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: B-40_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812520
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416890.d
Rear File ID: vr416890.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	1400	83	F
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-40_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812521**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416891.d
Rear File ID: vr416891.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	1200	83	F
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-40_2-2.5**
Site: Diamond Aerosol

Lab Sample ID: **812522**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416912.d
Rear File ID: vr416912.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-40_3-3.5**
Site: Diamond Aerosol

Lab Sample ID: **812523**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416893.d
Rear File ID: vr416893.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **B-25D_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812525**
Lab Job No: D738

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/11/07
Date Analyzed: 03/13/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf416913.d
Rear File ID: vr416913.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	170	R
Aroclor-1221	ND	170	R
Aroclor-1232	ND	170	R
Aroclor-1242	ND	170	R
Aroclor-1248	2700	170	R
Aroclor-1254	ND	170	R
Aroclor-1260	ND	170	R
Aroclor-1262	ND	170	R
Aroclor-1268	ND	170	R

General Information

Chain of Custody

STL EDISON
777 Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

C PAGE 1 OF 7

Name (for report and invoice): David Beckman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	LAB USE ONLY
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	Project No.
Phone: 732-380-1700 Fax: 1701		Job No. D738

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/~~Aroclor 1248~~ 9/3/8/07	Extract 4 HOLD	Sample Numbers
B-25 0-0.5	3-7-07		Soil	1	x	x	812463
B-25 1-1.5	↓		↓	↓	↓	↓	464
B-25 2-2.5	↓		↓	↓	↓	↓	465
B-25 3-3.5	↓		↓	↓	↓	↓	466
B-25 4-4.5	↓		↓	↓	↓	↓	467
B-26 0-0.5	↓		↓	↓	↓	↓	468
B-26D 0-0.5	↓		↓	↓	↓	↓	469
B-26 1-1.5	↓		↓	↓	↓	↓	470
B-26 2-2.5	↓		↓	↓	↓	↓	471
B-26 3-3.5	↓		↓	↓	↓	↓	472

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD = Cont. upon 1st run Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 / 1430	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 / 1600	[signature]	STL
3. [signature]				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 [illegible] Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUST[illegible]Y / ANALYSIS REQUEST

C PAGE 2 OF 7

Name (for report and invoice): David Buckman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D738

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Anodes 1248 (gry 3/8/07)	Extract and HOLD	Sample Numbers
B-26 4-4.5	3-7-07		Soil	1	x	x	812473
B-27 0-0.5	↓		↓	↓	↓	↓	474
B-27D 0-0.5							475
B-27 1-1.5							476
B-27 2-2.5							477
B-27 3-3.5							478
B-27 4-4.5							479
B-28 0-0.5							480
B-28 1-1.5							481
B-28 2-2.5	↓		↓	↓	↓	↓	482

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD = Cont. upon 1st Run Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1435	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 N. Durham Road
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Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

C PAGE 3 OF 7

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D738

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1260 (Extract and HOLD)	Sample Numbers
B-28 3-3.5	3-7-07		Soil	1	X	812483
B-28 4-4.5	↓		↓	↓	↓	484
B-29 0-0.5	↓		↓	↓	↓	485
B-29 1-1.5	↓		↓	↓	↓	486
B-29 2-2.5	↓		↓	↓	↓	487
B-29 3-3.5	↓		↓	↓	↓	488
B-29 4-4.5	↓		↓	↓	↓	489
B-30 0-0.5	↓		↓	↓	↓	490
B-30 1-1.5	↓		↓	↓	↓	491
B-30 2-2.5	↓		↓	↓	↓	492

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD = cont. upon 1st run Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1435	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 [illegible] Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUST[illegible]Y / ANALYSIS REQUEST

PAGE 4 OF 7

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732 380 1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D738

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1248 (Extract and HOLD)		Sample Numbers
B-36 3-3.5	3-7-07		Soil	1	X	X	812493
B-36 4-4.5	↓		↓	↓	↓	↓	494
B-35 0-0.5							495
B-35 1-1.5							496
B-35 2-2.5							497
B-35 3-3.5							498
B-35 4-4.5							499
B-36 0-0.5							500
B-36 1-1.5							501
B-36 2-2.5	↓		↓	↓	↓	↓	502

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD = Cont. upon 1st run Cooler Temp: 4, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. Dennis Blume	BEI	3-8-07 1435	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 1600	[illegible]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 N. Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732 380-1700 Fax: (201)		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D738

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1348 (3/8/07)	Extract & HOLD	Sample Numbers
B-36 3.3.5	3-7-07		Soil	1	x	x	812503
B-36 4-4.5	↓		↓	↓	↓	↓	504
B-37 0-0.5							505
B-37 1-1.5							506
B-37 2-2.5							507
B-37 3-3.5							508
B-37 4-4.5							509
B-38 0-0.5							510
B-38 1-1.5							511
B-38 2-2.5							512

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water:

Special Instructions: HOLD = Cont. upon 1st run
Cooler Temp: 1, 3, 1, 1
Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1435	[signature]	STL
2. Ed Reynolds	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 6 OF 7

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
Address: 611 Industrial Way	Analysis Turnaround Time: Standard ☐	Regulatory Program:
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	LAB USE ONLY — Project No.
Phone: 732-350-1700 Fax: 1701		Job No. D738

DRL 3/9/07 per David Backman

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1248	Extract and HOLD	Sample Numbers
B-39A 3-3.5	3-7-07		Soil	1	x	x	812513
B-39A 4-4.5	↓		↓	↓	↓	↓	514
B-39 0-0.5	↓		↓	↓	↓	↓	515
B-39 1-1.5	↓		↓	↓	↓	↓	516
B-39 2-2.5	↓		↓	↓	↓	↓	517
B-39 3-3.5	↓		↓	↓	↓	↓	518
B-39 4-4.5	↓		↓	↓	↓	↓	519
B-40 0-0.5	↓		↓	↓	↓	↓	520
B-40 1-1.5	↓		↓	↓	↓	↓	521
B-40 2-2.5	↓		↓	↓	↓	↓	522

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD - Cont. upon 1st run Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-5-07 1435	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 N[illegible] Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D738

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Proctor 1248 (8/31/03)	Extract and HOLD	Sample Numbers
B-40 3-3.5	3-7-07		Soil	1	x	x	812523
B-40 4-4.5	↓		↓	↓	↓	↓	524
B-25D 0-0.5	↓		↓	↓	↓	↓	525

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD: Cont. upon 1st run Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. Dennis Blume	BEI	3-8-07 / 1435	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 / 1607	[illegible]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D738 Site: Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812463	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5041
812464	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5041
812465	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5041
812466	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5041
812467	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5041
812468	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5041
812469	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5041
812470	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5041
812471	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5041
812472	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5041
812473	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5041
812474	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5041
812475	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5041
812476	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5041
812477	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5041
812478	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5041
812479	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5041
812480	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812481	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812482	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812483	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812484	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812485	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812486	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812487	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812488	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D738 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812489	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812490	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5042
812491	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5042
812492	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812493	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812494	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5042
812495	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5042
812496	3/7/2007	3/08/2007	3/10/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5042
812497	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/15/2007	Damarapu, Shanthi	5054
812498	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5054
812499	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5054
812500	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5054
812501	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5054
812502	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5054
812503	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5054
812504	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5054
812505	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5054
812506	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5054
812507	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5054
812508	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5054
812509	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5054
812510	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5054
812511	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/12/2007	Diaz, Carol	5054
812512	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5054
812513	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5054
812514	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5055

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D738 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812515	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5055
812516	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5055
812517	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5055
812518	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5055
812518	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5055
812519	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5055
812520	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5055
812521	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5055
812522	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5055
812523	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5055
812524	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5055
812525	3/7/2007	3/08/2007	3/11/2007	Sheth, Chintan	3/13/2007	Diaz, Carol	5055

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

SEVERN TRENT STL

Nonconformance Summary

STL Edison Job Number: D738

Client: Birdsall Engineering, Inc.

Date: 4/6/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy

Project Manager

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

04/05/2007

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. D739 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 8, 2007.

Lab No.	Client ID	Analysis Required
812526	B-10_0-0.5	PCBs
812527	B-10_1-1.5	PCBs
812531	B-11_0-0.5	PCBs
812532	B-11D_0-0.5	PCBs
812533	B-11_1-1.5	PCBs
812537	B-12_0-0.5	PCBs
812538	B-12D_1-1.5	PCBs
812539	B-12_1-1.5	PCBs
812543	B-13_0-0.5	PCBs
812544	B-13_1-1.5	PCBs
812548	B-14_0-0.5	PCBs
812549	B-14_1-1.5	PCBs
812558	B-16_0-0.5	PCBs
812559	B-16_1-1.5	PCBs
812569	B-18_0-0.5	PCBs
812570	B-18_1-1.5	PCBs
812574	B-19_0-0.5	PCBs
812575	B-19_1-1.5	PCBs
812579	B-20_0-0.5	PCBs
812580	B-20D_0-0.5	PCBs

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. D739 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
812581	B-20_1-1.5	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

Analytical Results Summary 1

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Analytical Results Summary

Client ID: B-10_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812526
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058187.d
Rear File ID: qr058187.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: B-10_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812527
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058188.d
Rear File ID: qr058188.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **B-11_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812531**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058189.d
Rear File ID: qr058189.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 27

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	92	R
Aroclor-1221	ND	92	R
Aroclor-1232	ND	92	R
Aroclor-1242	ND	92	R
Aroclor-1248	ND	92	R
Aroclor-1254	ND	92	R
Aroclor-1260	ND	92	R
Aroclor-1262	ND	92	R
Aroclor-1268	ND	92	R

Client ID: **B-11D_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812532**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058190.d
Rear File ID: qr058190.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 27

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	91	R
Aroclor-1221	ND	91	R
Aroclor-1232	ND	91	R
Aroclor-1242	ND	91	R
Aroclor-1248	ND	91	R
Aroclor-1254	ND	91	R
Aroclor-1260	ND	91	R
Aroclor-1262	ND	91	R
Aroclor-1268	ND	91	R

Client ID: B-11_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812533
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058191.d
Rear File ID: qr058191.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	ND	88	R
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: B-12_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812537
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058192.d
Rear File ID: qr058192.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: B-12D_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812538
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058184.d
Rear File ID: qr058184.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **B-12_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812539**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058193.d
Rear File ID: qr058193.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-13_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812543
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417000.d
Rear File ID: vr417000.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: B-13_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812544
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417005.d
Rear File ID: vr417005.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **B-14_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812548**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417009.d
Rear File ID: vr417009.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 47

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	ND	130	R
Aroclor-1268	ND	130	R

Client ID: **B-14_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812549**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417010.d
Rear File ID: vr417010.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-16_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812558**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/15/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417074.d
Rear File ID: vr417074.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: **B-16_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812559**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417020.d
Rear File ID: vr417020.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **B-18_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812569**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417039.d
Rear File ID: vr417039.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	ND	88	R
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: **B-18_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812570**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417040.d
Rear File ID: vr417040.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	ND	88	R
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: **B-19_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812574**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417044.d
Rear File ID: vr417044.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 25

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	89	R
Aroclor-1221	ND	89	R
Aroclor-1232	ND	89	R
Aroclor-1242	ND	89	R
Aroclor-1248	ND	89	R
Aroclor-1254	ND	89	R
Aroclor-1260	ND	89	R
Aroclor-1262	ND	89	R
Aroclor-1268	ND	89	R

Client ID: **B-19_1-1.5**
Site: Diamond Aerosol

Lab Sample ID: **812575**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/13/07
Date Analyzed: 03/14/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417045.d
Rear File ID: vr417045.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: B-20_0-0.5
Site: Diamond Aerosol

Lab Sample ID: 812579
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/14/07
Date Analyzed: 03/15/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417078.d
Rear File ID: vr417078.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	86	R
Aroclor-1221	ND	86	R
Aroclor-1232	ND	86	R
Aroclor-1242	ND	86	R
Aroclor-1248	ND	86	R
Aroclor-1254	ND	86	R
Aroclor-1260	ND	86	R
Aroclor-1262	ND	86	R
Aroclor-1268	ND	86	R

Client ID: **B-20D_0-0.5**
Site: Diamond Aerosol

Lab Sample ID: **812580**
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/14/07
Date Analyzed: 03/15/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417079.d
Rear File ID: vr417079.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 23

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	87	R
Aroclor-1221	ND	87	R
Aroclor-1232	ND	87	R
Aroclor-1242	ND	87	R
Aroclor-1248	ND	87	R
Aroclor-1254	ND	87	R
Aroclor-1260	ND	87	R
Aroclor-1262	ND	87	R
Aroclor-1268	ND	87	R

Client ID: B-20_1-1.5
Site: Diamond Aerosol

Lab Sample ID: 812581
Lab Job No: D739

Date Sampled: 03/07/07
Date Received: 03/08/07
Date Extracted: 03/14/07
Date Analyzed: 03/15/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417080.d
Rear File ID: vr417080.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

General Information

Chain of Custody

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

D PAGE 1 OF 8

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way West	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732 380 1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D739

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1248 (PAJ 3/8/03)	Extract & HOLD	Sample Numbers
B-10 0-0.5	3-7-07		Soil	1	x	x	812526
B-10 1-1.5	↓		↓	↓	↓	↓	527
B-10 2-2.5							528
B-10 3-3.5							529
B-10 4-4.5							530
B-11 0-0.5							531
B-11D 0-0.5							532
B-11 1-1.5							533
B-11 2-2.5							534
B-11 3-3.5							535

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other _____, 7 = Other _____ Water:

Special Instructions HOLD = CONT. upon 1st Run Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 / 1440	[signature]	STL
2. Ed Reynolds	STL	3/8/07 / 6W	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

D739

STL Edison

STL EDISON
New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

D PAGE 2 OF 8

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. D739

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1248	Extract & HOLD	Sample Numbers
B-11 4-4.5	3-7-07		Soil	1	x	x	812536
B-12 0-0.5							537
B-12D 1-1.5							538
B-12 1-1.5							539
B-12 2-2.5							540
B-12 3-3.5							541
B-12 4-4.5							542
B-13 0-0.5							543
B-13 1-1.5							544
B-13 2-2.5							545

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water:

Special Instructions HOLD = Cont upon 1st run Cooler Temp: 1, 3, 1, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1440	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

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Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

D PAGE 3 OF 8

Name (for report and invoice): David Beckman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Bicksall	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip:	Rush Charges Authorized For: 1 Week ☒ 3 Day ☐ Other ☐	
Phone: Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST): PCB 8082 (TJ 8/18/07); Acetone 1298 Extract and HOLD

LAB USE ONLY — Project No.: ; Job No.: D739

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB 8082	Acetone 1298 Extract and HOLD	Sample Numbers
B-13 3-3.5	3-7-07		Soil	1	X	X	812546
B-13 4-4.5							547
B-14 0-0.5							548
B-14 1-1.5							549
B-14 2-2.5							550
B-14 3-3.5							551
B-14 4-4.5							552
B-15 0-0.5							553
B-15 1-1.5							554
B-15 2-2.5							555

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil: Water:
6 = Other _____, 7 = Other _____

Special Instructions HOLD: CONT upon 1st FAIL Cooler Temp: 1.3, 4.1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-8-07 1440	Ed Reynolds	STL
2. Ed Reynolds	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

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STL EDISON
777 New Durham Road
E[illegible], New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUS[illegible]DY / ANALYSIS REQUEST

D PAGE 4 OF 8

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒	
Phone: Fax:	3 Day ☐ Other ☐	

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST): 8/270/67 PCB/Pesticides 1260 Extract and HOLD

LAB USE ONLY: Project No. ____ Job No. D739

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Pesticides 1260	Extract and HOLD	Sample Numbers
B-15 3-3.5	3-7-07		Soil	1	X	X	812556
B-15 4-4.5							557
B-16 0-0.5							558
B-16 1-1.5							559
B-16 2-2.5							560
B-16 3-3.5							561
B-16 4-4.5							562
B-17 0-0.5							563
B-17D 0-0.5							564
B-17 1-1.5							565

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil: Water:
6 = Other _____, 7 = Other _____

Special Instructions HOLD= CONT upon 1st Run Cooler Temp: 1.3 ºC Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BSI	3-8-07 1440	[signature]	STL
2. [signature]	STL	3/8/07 1600	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

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STL Edison

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Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

D PAGE 5 OF 8

Name (for report and invoice): David Backman	Samplers Name (Printed): Dennis Blume	Site/Project Identification: Diamond Heroo/
Company: Birdsall Engineering Inc	P.O. #	State (Location of site): NJ: [X] NY: [ ] Other:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard [ ]	Regulatory Program:
City: Eatontown State: NJ	Rush Charges Authorized For: 2 Week [ ] 1 Week [X] Other [ ]	LAB USE ONLY Project No:
Phone: 732 380-1700 Fax: 1701		Job No: D739

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TJ 3/16/07 RB Acetone 1200	Extract and HOLD									Sample Numbers
B-17 2-2.5	3-7-07		Soil	1	x	x									812566
B-17 3-3.5															567
B-17 4-4.5															568
B-18 0-0.5															569
B-18 1-1.5															570
B-18 2-2.5															571
B-18 3-3.5															572
B-18 4-4.5															573
B-19 0-0.5															574
B-19 1-1.5															575

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions: HOLD: Cont. upon 1st run

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) Dennis Blume	BEI	3-8-07 1440	1) Ed Reynolds	STL
2) Ed Reynolds	STL	3/8/07 1600	2) [illegible] 1,3,4,1	STL
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
77[illegible] New Durham Road
Ed[illegible], New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

D PAGE 6 OF 8

Name (for report and invoice) David Backman	Samplers Name (Printed) Dennis Blume	Site/Project Identification Diamond Aerosol
Company [illegible] Birdsall	P.O. #	State (Location of site): NJ: ☒ NY: ☐ Other
		Regulatory Program:
Address 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	LAB USE ONLY Project No:
City Eatontown State NJ	Rush Charges Authorized For: 2 Week ☐ 1 Week ☒ Other ☐	Job No: D739
Phone 732 380 1700 Fax 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification		Date	Time	Matrix	No. of. Cont.	PCB Aroclor (2[illegible])	Extract and HOLD										Sample Numbers
B-19	2-2.5	3-7-07		Soil	1	X	X										812576
B-19	3-3.5	↓		↓	↓	↓	↓										577
B-19	4-4.5																578
B-20	0-0.5																579
B-20D	0-0.5																580
B-20	1-1.5																581
B-20	2-2.5																582
B-20	3-3.5																583
B-20	4-4.5																584
B-21	0-0.5	↓		↓	↓	↓	↓										585

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD = Contingent upon 1st run

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	BSI	3-8-07 1440	1) [signature]	STL
2) Ed Reynolds	STL	3/8/07 1600	2) [signature] 4/3/1	STL
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

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CHAIN OF CUSTODY / ANALYSIS REQUEST

D PAGE 7 OF 8

Name (for report and invoice): David Backman	Samplers Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #:	State (Location of site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	LAB USE ONLY
City: Eatonstown State: NJ	Rush Charges Authorized For: 2 Week ☐ 1 Week ☒ Other ☐	Project No:
Phone: 732 380 1700 Fax: 1701		Job No: D739

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification		Date	Time	Matrix	No. of Cont.	PCB/~~Aroc~~ 1200	Extract and HOLD	Sample Numbers
B-21D	0-0.5	3-7-07		Soil	1	X	X	812586
B-21	1-1.5	↓		↓	↓	↓	↓	587
B-21	2-2.5							588
B-21	3-3.5							589
B-21	4-4.5							590
B-22	0-0.5							591
B-22	1-1.5							592
B-22	2-2.5							593
B-22	3-3.5							594
B-22D	3-3.5	↓		↓	↓	↓	↓	595

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions: HOLD = Cont upon 1st Run

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) Dennis Blume	BSI	3-8-07 1440	1) Ed Reynolds	STL
2) Ed Reynolds	STL	3/8/07 1640	2) [signature] 1,3,4,1	STL
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

D739

STL Edison

30

77[illegible] New Durham Road
E[illegible]n, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

D PAGE 8 OF 8

Name (for report and invoice): David Backman	Samplers Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #	State (Location of site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ	Rush Charges Authorized For: 2 Week ☐	
Phone: 732-380-1700 Fax: (201)	1 Week ☒ Other ☐	

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: D739

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB Aroclor 1248 Extract and HOLD	Sample Numbers
B-22 4-4.5	3-7-07		Soil	1		812596
B-23 0-0.5						597
B-23 1-1.5						598
B-23 2-2.5						599
B-23 3-3.5						600
B-23 4-4.5						601

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water:

Special Instructions: HOLD - Cont upon 1st run

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	BCI	3-8-07 [illegible]	1) [signature]	STL
Relinquished by 2) [signature]	Company STL	Date / Time 3/8/07 12:00	Received by 2) [signature] 1,3,4,1	Company STL
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

D739

STL Edison

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D739 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812526	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/14/2007	Diaz, Carol	5060
812527	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/14/2007	Diaz, Carol	5060
812528	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812529	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812530	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812531	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/14/2007	Diaz, Carol	5060
812532	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/14/2007	Diaz, Carol	5060
812533	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/14/2007	Diaz, Carol	5060
812534	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812535	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812536	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812537	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/14/2007	Diaz, Carol	5060
812538	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/14/2007	Diaz, Carol	5060
812539	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/14/2007	Diaz, Carol	5060
812540	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812541	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812542	3/7/2007	3/08/2007	3/13/2007	Masango, Charles	3/28/2007	Dalangin, Catalina	5060
812543	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/14/2007	Diaz, Carol	5061
812544	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/14/2007	Diaz, Carol	5061
812545	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812546	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/14/2007	Diaz, Carol	5061
812547	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812548	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/14/2007	Diaz, Carol	5061
812549	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/14/2007	Diaz, Carol	5061
812550	3/7/2007	3/08/2007	3/15/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812550	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D739 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812551	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812552	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812553	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812554	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812555	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812556	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812557	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/28/2007	Dalangin, Catalina	5061
812558	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/15/2007	Diaz, Carol	5061
812559	3/7/2007	3/08/2007	3/13/2007	Sheth, Chintan	3/14/2007	Diaz, Carol	5061
812560	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812561	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812562	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812563	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812564	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812565	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812566	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812567	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812568	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812569	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/14/2007	Diaz, Carol	5062
812570	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/14/2007	Diaz, Carol	5062
812571	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812572	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812573	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062
812574	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/14/2007	Diaz, Carol	5062
812575	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/14/2007	Diaz, Carol	5062
812576	3/7/2007	3/08/2007	3/13/2007	Alinea, Archie	3/28/2007	Dalangin, Catalina	5062

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D739 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812577	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812578	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812579	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/15/2007	Diaz, Carol	5064
812580	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/15/2007	Diaz, Carol	5064
812581	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/15/2007	Diaz, Carol	5064
812582	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812583	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812584	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812585	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812586	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812587	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812588	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812589	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812590	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812591	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812592	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812593	3/7/2007	3/08/2007	3/14/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5064
812594	3/7/2007	3/08/2007	3/13/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5055
812595	3/7/2007	3/08/2007	3/13/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5055
812596	3/7/2007	3/08/2007	3/13/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5055
812597	3/7/2007	3/08/2007	3/13/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5055
812598	3/7/2007	3/08/2007	3/13/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5055
812599	3/7/2007	3/08/2007	3/13/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5055
812600	3/7/2007	3/08/2007	3/13/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5055

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: D739 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
812601	3/7/2007	3/08/2007	3/13/2007	Staib, Thomas	3/28/2007	Dalangin, Catalina	5055

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

SEVERN TRENT STL

Nonconformance Summary

STL Edison Job Number: D739

Client: Birdsall Engineering, Inc.

Date: 4/4/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

05/02/2007

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. E579 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 30, 2007.

Lab No.	Client ID	Analysis Required
818170	P-41_0-6	PCBs
818171	P-41_12-18	PCBs
818175	P-43_0-6	PCBs
818176	P-43_12-18	PCBs
818177	P-43_24-30	PCBs
818180	P-44_0-6	PCBs
818181	P-44_12-18	PCBs
818182	P-44_24-30	PCBs
818185	P-42_0-6	PCBs
818186	P-42_12-18	PCBs
818190	P-45_0-6	PCBs
818191	P-45_12-18	PCBs
818195	P-46_0-6	PCBs
818196	P-46_12-18	PCBs
818200	P-47_0-6	PCBs
818201	P-47_12-18	PCBs
818205	P-48_0-6	PCBs
818206	P-48_12-18	PCBs
818210	P-49_0-6	PCBs
818211	P-49_12-18	PCBs
818215	P-50_0-6	PCBs

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. E579 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
818216	P-50_12-18	PCBs
818220	P-51_0-6	PCBs
818221	P-51_12-18	PCBs
818225	B-52_0-6	PCBs
818226	B-52_12-18	PCBs
818227	B-52_24-30	PCBs
818228	B-52_36-42	PCBs
818230	C1_COMPOSITE	Full TCLP
		RCRA Characteristics
		PCBs
818231	C2_COMPOSITE	Full TCLP
		RCRA Characteristics
		PCBs
818232	C3_COMPOSITE	Full TCLP
		RCRA Characteristics
		PCBs
818233	SP-1	PCBs
818234	SP-2	PCBs
818235	SP-3	PCBs
818236	SP-4	PCBs
818237	SP-5	PCBs

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. E579 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
818238	SP-6	PCBs
818239	SP-7	PCBs
818240	SP-8	PCBs
818241	SP-9	PCBs
818242	SP-10	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

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SEVERN TRENT STL

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Analytical Results Summary

Client ID: C1_COMPOSITE
Site: Diamond Aerosol

Lab Sample No: 818230
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Analyzed: 04/04/07
Lab File ID: b47789.d

Leachate Volume: 5.0 ml
Dilution Factor: 1.0
GC Column: Rtx-VMS
Instrument ID: VOAMS2.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

VOLATILE ORGANICS - GC/MS

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l
Vinyl Chloride	ND	0.2	0.0050
1,1-Dichloroethene	ND	0.7	0.0020
Chloroform	ND	6.0	0.0050
1,2-Dichloroethane	ND	0.5	0.0020
Methyl Ethyl Ketone	ND	200	0.0050
Carbon Tetrachloride	ND	0.5	0.0020
Trichloroethene	ND	0.5	0.0010
Benzene	ND	0.5	0.0010
Tetrachloroethene	ND	0.7	0.0010
Chlorobenzene	ND	100	0.0050

Client ID: **C2_COMPOSITE**
Site: Diamond Aerosol

Lab Sample No: **818231**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Analyzed: 04/04/07
Lab File ID: b47790.d

Leachate Volume: 5.0 ml
Dilution Factor: 1.0
GC Column: Rtx-VMS
Instrument ID: VOAMS2.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

VOLATILE ORGANICS - GC/MS

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l
Vinyl Chloride	ND	0.2	0.0050
1,1-Dichloroethene	ND	0.7	0.0020
Chloroform	ND	6.0	0.0050
1,2-Dichloroethane	ND	0.5	0.0020
Methyl Ethyl Ketone	ND	200	0.0050
Carbon Tetrachloride	ND	0.5	0.0020
Trichloroethene	ND	0.5	0.0010
Benzene	ND	0.5	0.0010
Tetrachloroethene	ND	0.7	0.0010
Chlorobenzene	ND	100	0.0050

Client ID: C3_COMPOSITE
Site: Diamond Aerosol

Lab Sample No: 818232
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Analyzed: 04/04/07
Lab File ID: b47791.d

Leachate Volume: 5.0 ml
Dilution Factor: 1.0
GC Column: Rtx-VMS
Instrument ID: VOAMS2.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

VOLATILE ORGANICS - GC/MS

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l
Vinyl Chloride	ND	0.2	0.0050
1,1-Dichloroethene	ND	0.7	0.0020
Chloroform	ND	6.0	0.0050
1,2-Dichloroethane	ND	0.5	0.0020
Methyl Ethyl Ketone	ND	200	0.0050
Carbon Tetrachloride	ND	0.5	0.0020
Trichloroethene	ND	0.5	0.0010
Benzene	ND	0.5	0.0010
Tetrachloroethene	ND	0.7	0.0010
Chlorobenzene	ND	100	0.0050

Client ID: **C1_COMPOSITERE**
Site: Diamond Aerosol

Lab Sample No: **818230RE**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extacted: 04/16/07
Date Analyzed: 04/17/07
Lab File ID: s27691.d

Leachate Volume: 250.0 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
GC Column: DB-5
Instrument ID: BNAMS2.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

EXTRACTABLE ORGANICS

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l
o-Cresol	ND	200(a)	0.040
m&p-Cresol	ND	200(a)	0.040
2,4,6-Trichlorophenol	ND	2.0	0.040
2,4,5-Trichlorophenol	ND	400	0.040
Pentachlorophenol	ND	100	0.12
1,4-Dichlorobenzene	ND	7.5	0.040
Hexachloroethane	ND	3.0	0.0040
Nitrobenzene	ND	2.0	0.0040
Hexachlorobutadiene	ND	0.5	0.0080
2,4-Dinitrotoluene	ND	0.13	0.0080
Hexachlorobenzene	ND	0.13	0.0040
Pyridine	ND	5.0	0.040

(a) If o-, m-, and p-cresol concentrations cannot be differentiated, the total cresol concentration is used. The regulatory level of total cresol is 200 mg/l.

Client ID: C2_COMPOSITE
Site: Diamond Aerosol

Lab Sample No: 818231
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extacted: 04/04/07
Date Analyzed: 04/06/07
Lab File ID: s27404.d

Leachate Volume: 250.0 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
GC Column: DB-5
Instrument ID: BNAMS2.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

EXTRACTABLE ORGANICS

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l
o-Cresol	ND	200(a)	0.040
m&p-Cresol	ND	200(a)	0.040
2,4,6-Trichlorophenol	ND	2.0	0.040
2,4,5-Trichlorophenol	ND	400	0.040
Pentachlorophenol	ND	100	0.12
1,4-Dichlorobenzene	ND	7.5	0.040
Hexachloroethane	ND	3.0	0.0040
Nitrobenzene	ND	2.0	0.0040
Hexachlorobutadiene	ND	0.5	0.0080
2,4-Dinitrotoluene	ND	0.13	0.0080
Hexachlorobenzene	ND	0.13	0.0040
Pyridine	ND	5.0	0.040

(a) If o-, m-, and p-cresol concentrations cannot be differentiated, the total cresol concentration is used. The regulatory level of total cresol is 200 mg/l.

Client ID: C3_COMPOSITE
Site: Diamond Aerosol

Lab Sample No: 818232
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extacted: 04/04/07
Date Analyzed: 04/06/07
Lab File ID: s27405.d

Leachate Volume: 250.0 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
GC Column: DB-5
Instrument ID: BNAMS2.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

EXTRACTABLE ORGANICS

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l
o-Cresol	ND	200(a)	0.040
m&p-Cresol	ND	200(a)	0.040
2,4,6-Trichlorophenol	ND	2.0	0.040
2,4,5-Trichlorophenol	ND	400	0.040
Pentachlorophenol	ND	100	0.12
1,4-Dichlorobenzene	ND	7.5	0.040
Hexachloroethane	ND	3.0	0.0040
Nitrobenzene	ND	2.0	0.0040
Hexachlorobutadiene	ND	0.5	0.0080
2,4-Dinitrotoluene	ND	0.13	0.0080
Hexachlorobenzene	ND	0.13	0.0040
Pyridine	ND	5.0	0.040

(a) If o-, m-, and p-cresol concentrations cannot be differentiated, the total cresol concentration is used. The regulatory level of total cresol is 200 mg/l.

Client ID: **C1_COMPOSITE**
Site: Diamond Aerosol

Lab Sample ID: **818230**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extracted: 04/06/07
Date Analyzed: 04/09/07
Front File ID: pf027992.d
Rear File ID: pr027992.d

Leachate Volume: 100 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC5.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ORGANOCHLORINE PESTICIDES

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l	Column
gamma-BHC (Lindane)	ND	0.4	0.00050	R
Chlordane	ND	0.03	0.0050	R
Endrin	ND	0.02	0.00050	R
Heptachlor	ND	0.008(b)	0.00050	R
Heptachlor epoxide	ND	0.008(b)	0.00050	R
Methoxychlor	ND	10.0	0.00050	R
Toxaphene	ND	0.5	0.0050	R

(b) The regulatory level for Heptachlor and Heptachlor Epoxide is for the total of both compounds.

Client ID: **C2_COMPOSITE**
Site: Diamond Aerosol

Lab Sample ID: **818231**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extracted: 04/04/07
Date Analyzed: 04/06/07
Front File ID: pf027938.d
Rear File ID: pr027938.d

Leachate Volume: 100 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC5.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ORGANOCHLORINE PESTICIDES

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l	Column
gamma-BHC (Lindane)	ND	0.4	0.00050	R
Chlordane	ND	0.03	0.0050	R
Endrin	ND	0.02	0.00050	R
Heptachlor	ND	0.008(b)	0.00050	R
Heptachlor epoxide	ND	0.008(b)	0.00050	R
Methoxychlor	ND	10.0	0.00050	R
Toxaphene	ND	0.5	0.0050	R

(b) The regulatory level for Heptachlor and Heptachlor Epoxide is for the total of both compounds.

Client ID: **C3_COMPOSITE**
Site: Diamond Aerosol

Lab Sample ID: **818232**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extracted: 04/04/07
Date Analyzed: 04/06/07
Front File ID: pf027939.d
Rear File ID: pr027939.d

Leachate Volume: 100 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC5.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ORGANOCHLORINE PESTICIDES

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l	Column
gamma-BHC (Lindane)	ND	0.4	0.00050	R
Chlordane	ND	0.03	0.0050	R
Endrin	ND	0.02	0.00050	R
Heptachlor	ND	0.008(b)	0.00050	R
Heptachlor epoxide	ND	0.008(b)	0.00050	R
Methoxychlor	ND	10.0	0.00050	R
Toxaphene	ND	0.5	0.0050	R

(b) The regulatory level for Heptachlor and Heptachlor Epoxide is for the total of both compounds.

Client ID: **P-41_0-6**
Site: Diamond Aerosol

Lab Sample ID: **818170**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058835.d
Rear File ID: qr058835.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 12

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	76	R
Aroclor-1221	ND	76	R
Aroclor-1232	ND	76	R
Aroclor-1242	ND	76	R
Aroclor-1248	ND	76	R
Aroclor-1254	ND	76	R
Aroclor-1260	ND	76	R
Aroclor-1262	ND	76	R
Aroclor-1268	ND	76	R

Client ID: P-41_12-18
Site: Diamond Aerosol

Lab Sample ID: 818171
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058858.d
Rear File ID: qr058858.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: P-43_0-6
Site: Diamond Aerosol

Lab Sample ID: 818175
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058877.d
Rear File ID: qr058877.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	400	R
Aroclor-1221	ND	400	R
Aroclor-1232	ND	400	R
Aroclor-1242	ND	400	R
Aroclor-1248	3500	400	R
Aroclor-1254	ND	400	R
Aroclor-1260	ND	400	R
Aroclor-1262	ND	400	R
Aroclor-1268	ND	400	R

Client ID: **P-43_12-18**
Site: Diamond Aerosol

Lab Sample ID: **818176**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058839.d
Rear File ID: qr058839.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: P-43_24-30
Site: Diamond Aerosol

Lab Sample ID: 818177
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/07/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058908.d
Rear File ID: qr058908.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **P-44_0-6**
Site: Diamond Aerosol

Lab Sample ID: **818180**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058840.d
Rear File ID: qr058840.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 23

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	87	R
Aroclor-1221	ND	87	R
Aroclor-1232	ND	87	R
Aroclor-1242	ND	87	R
Aroclor-1248	160	87	R
Aroclor-1254	ND	87	R
Aroclor-1260	ND	87	R
Aroclor-1262	ND	87	R
Aroclor-1268	ND	87	R

Client ID: P-44_12-18
Site: Diamond Aerosol

Lab Sample ID: 818181
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058841.d
Rear File ID: qr058841.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **P-44_24-30**
Site: Diamond Aerosol

Lab Sample ID: **818182**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/07/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058909.d
Rear File ID: qr058909.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: P-42_0-6
Site: Diamond Aerosol

Lab Sample ID: 818185
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058842.d
Rear File ID: qr058842.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	72	R
Aroclor-1221	ND	72	R
Aroclor-1232	ND	72	R
Aroclor-1242	ND	72	R
Aroclor-1248	ND	72	R
Aroclor-1254	ND	72	R
Aroclor-1260	ND	72	R
Aroclor-1262	ND	72	R
Aroclor-1268	ND	72	R

Client ID: **P-42_12-18**
Site: Diamond Aerosol

Lab Sample ID: **818186**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058843.d
Rear File ID: qr058843.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: P-45_0-6
Site: Diamond Aerosol

Lab Sample ID: 818190
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058846.d
Rear File ID: qr058846.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **P-45_12-18**
Site: Diamond Aerosol

Lab Sample ID: **818191**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058849.d
Rear File ID: qr058849.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: P-46_0-6
Site: Diamond Aerosol

Lab Sample ID: 818195
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058850.d
Rear File ID: qr058850.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 10

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	74	R
Aroclor-1221	ND	74	R
Aroclor-1232	ND	74	R
Aroclor-1242	ND	74	R
Aroclor-1248	ND	74	R
Aroclor-1254	ND	74	R
Aroclor-1260	ND	74	R
Aroclor-1262	ND	74	R
Aroclor-1268	ND	74	R

Client ID: P-46_12-18
Site: Diamond Aerosol

Lab Sample ID: 818196
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058851.d
Rear File ID: qr058851.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **P-47_0-6**
Site: Diamond Aerosol

Lab Sample ID: **818200**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/11/07
Date Analyzed: 04/12/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059029.d
Rear File ID: qr059029.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	370	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: P-47_12-18
Site: Diamond Aerosol

Lab Sample ID: 818201
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/10/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058974.d
Rear File ID: qr058974.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: P-48_0-6
Site: Diamond Aerosol

Lab Sample ID: 818205
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417713.d
Rear File ID: vr417713.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	350	88	R
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: **P-48_12-18**
Site: Diamond Aerosol

Lab Sample ID: **818206**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417714.d
Rear File ID: vr417714.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	290	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: P-49_0-6
Site: Diamond Aerosol

Lab Sample ID: 818210
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417718.d
Rear File ID: vr417718.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 7

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	72	R
Aroclor-1221	ND	72	R
Aroclor-1232	ND	72	R
Aroclor-1242	ND	72	R
Aroclor-1248	ND	72	R
Aroclor-1254	ND	72	R
Aroclor-1260	ND	72	R
Aroclor-1262	ND	72	R
Aroclor-1268	ND	72	R

Client ID: P-49_12-18
Site: Diamond Aerosol

Lab Sample ID: 818211
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417719.d
Rear File ID: vr417719.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: P-50_0-6
Site: Diamond Aerosol

Lab Sample ID: 818215
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/05/07
Date Analyzed: 04/06/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417825.d
Rear File ID: vr417825.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **P-50_12-18**
Site: Diamond Aerosol

Lab Sample ID: **818216**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417724.d
Rear File ID: vr417724.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **P-51_0-6**
Site: Diamond Aerosol

Lab Sample ID: **818220**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417730.d
Rear File ID: vr417730.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: P-51_12-18
Site: Diamond Aerosol

Lab Sample ID: 818221
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/07/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058910.d
Rear File ID: qr058910.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-52_0-6
Site: Diamond Aerosol

Lab Sample ID: 818225
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058865.d
Rear File ID: qr058865.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	1600	R
Aroclor-1221	ND	1600	R
Aroclor-1232	ND	1600	R
Aroclor-1242	ND	1600	R
Aroclor-1248	28000	1600	R
Aroclor-1254	ND	1600	R
Aroclor-1260	ND	1600	R
Aroclor-1262	ND	1600	R
Aroclor-1268	ND	1600	R

Client ID: **B-52_12-18**
Site: Diamond Aerosol

Lab Sample ID: **818226**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/02/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf058857.d
Rear File ID: qr058857.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	390	82	F
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-52_24-30
Site: Diamond Aerosol

Lab Sample ID: 818227
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417739.d
Rear File ID: vr417739.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: B-52_36-42
Site: Diamond Aerosol

Lab Sample ID: 818228
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417740.d
Rear File ID: vr417740.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **C1_COMPOSITE**
Site: Diamond Aerosol

Lab Sample ID: **818230**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417742.d
Rear File ID: vr417742.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **C2_COMPOSITE**
Site: Diamond Aerosol

Lab Sample ID: **818231**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417743.d
Rear File ID: vr417743.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	460	82	F
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **C3_COMPOSITE**
Site: Diamond Aerosol

Lab Sample ID: **818232**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417744.d
Rear File ID: vr417744.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **SP-1**
Site: Diamond Aerosol

Lab Sample ID: **818233**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417745.d
Rear File ID: vr417745.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	1100	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **SP-2**
Site: Diamond Aerosol

Lab Sample ID: **818234**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417746.d
Rear File ID: vr417746.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	580	81	F
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: SP-3
Site: Diamond Aerosol

Lab Sample ID: 818235
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417747.d
Rear File ID: vr417747.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	180	82	F
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **SP-4**
Site: Diamond Aerosol

Lab Sample ID: **818236**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417750.d
Rear File ID: vr417750.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **SP-5**
Site: Diamond Aerosol

Lab Sample ID: **818237**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417751.d
Rear File ID: vr417751.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: **SP-6**
Site: Diamond Aerosol

Lab Sample ID: **818238**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417752.d
Rear File ID: vr417752.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **SP-7**
Site: Diamond Aerosol

Lab Sample ID: **818239**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417753.d
Rear File ID: vr417753.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **SP-8**
Site: Diamond Aerosol

Lab Sample ID: **818240**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417754.d
Rear File ID: vr417754.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	180	82	F
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **SP-9**
Site: Diamond Aerosol

Lab Sample ID: **818241**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417755.d
Rear File ID: vr417755.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: SP-10
Site: Diamond Aerosol

Lab Sample ID: 818242
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Extracted: 04/03/07
Date Analyzed: 04/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf417756.d
Rear File ID: vr417756.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	88	R
Aroclor-1221	ND	88	R
Aroclor-1232	ND	88	R
Aroclor-1242	ND	88	R
Aroclor-1248	ND	88	R
Aroclor-1254	160	88	F
Aroclor-1260	ND	88	R
Aroclor-1262	ND	88	R
Aroclor-1268	ND	88	R

Client ID: **C1_COMPOSITE**
Site: Diamond Aerosol

Lab Sample ID: **818230**
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extracted: 04/04/07
Date Analyzed: 04/04/07
Front File ID: zf088348.d
Rear File ID: zr088348.d

Leachate Volume: 15 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
GC Front Column: DB-5
GC Rear Column: DB-608
Instrument ID: PESTGC3.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ORGANOCHLORINE HERBICIDES

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l	Column
2,4-D	ND	10.0	0.080	R
2,4,5-TP (Silvex)	ND	1.0	0.080	R

Client ID: C2_COMPOSITE
Site: Diamond Aerosol

Lab Sample ID: 818231
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extracted: 04/04/07
Date Analyzed: 04/04/07
Front File ID: zf088349.d
Rear File ID: zr088349.d

Leachate Volume: 15 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
GC Front Column: DB-5
GC Rear Column: DB-608
Instrument ID: PESTGC3.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ORGANOCHLORINE HERBICIDES

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l	Column
2,4-D	ND	10.0	0.080	R
2,4,5-TP (Silvex)	ND	1.0	0.080	R

Client ID: C3_COMPOSITE
Site: Diamond Aerosol

Lab Sample ID: 818232
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07
Date Prepped: 04/04/07
Date Extracted: 04/04/07
Date Analyzed: 04/04/07
Front File ID: zf088350.d
Rear File ID: zr088350.d

Leachate Volume: 15 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
GC Front Column: DB-5
GC Rear Column: DB-608
Instrument ID: PESTGC3.i

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
ORGANOCHLORINE HERBICIDES

Parameter	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Quantitation Limit Units: mg/l	Column
2,4-D	ND	10.0	0.080	R
2,4,5-TP (Silvex)	ND	1.0	0.080	R

Client ID: C1 COMPOSITE
Site: Diamond Aerosol

Lab Sample No: 818230
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07

Matrix: LEACHATE
Level: LOW

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

METALS ANALYSIS

Analyte	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Instrument Detection Limit	Qual	M
Arsenic	ND	5.0	0.024		P
Barium	0.64	100.0	0.0075	B	P
Cadmium	ND	1.0	0.0030		P
Chromium	ND	5.0	0.015		P
Lead	ND	5.0	0.013		P
Mercury	ND	0.2	0.00010		CV
Selenium	ND	1.0	0.025		P
Silver	ND	5.0	0.013		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **C2 COMPOSITE**
Site: **Diamond Aerosol**

Lab Sample No: 818231
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07

Matrix: LEACHATE
Level: LOW

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

METALS ANALYSIS

Analyte	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Instrument Detection Limit	Qual	M
Arsenic	ND	5.0	0.024		P
Barium	0.74	100.0	0.0075	B	P
Cadmium	ND	1.0	0.0030		P
Chromium	ND	5.0	0.015		P
Lead	ND	5.0	0.013		P
Mercury	ND	0.2	0.00010		CV
Selenium	ND	1.0	0.025		P
Silver	ND	5.0	0.013		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: C3 COMPOSITE
Site: Diamond Aerosol

Lab Sample No: 818232
Lab Job No: E579

Date Sampled: 03/29/07
Date Received: 03/30/07

Matrix: LEACHATE
Level: LOW

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

METALS ANALYSIS

Analyte	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Instrument Detection Limit	Qual	M
Arsenic	ND	5.0	0.024		P
Barium	0.59	100.0	0.0075	B	P
Cadmium	ND	1.0	0.0030		P
Chromium	ND	5.0	0.015		P
Lead	ND	5.0	0.013		P
Mercury	ND	0.2	0.00010		CV
Selenium	ND	1.0	0.025		P
Silver	ND	5.0	0.013		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Site: Diamond Aerosol

Lab Job No: E579

Matrix: SOIL

QA Batch: 3147

Corrosivity (pH)

STL Edison Sample #	Client ID	Date Sampled	Date Analyzed	Analytical Result Units: std units
818230	C1_COMPOSITE	03/29/07	04/04/07	6.57
818231	C2_COMPOSITE	03/29/07	04/04/07	6.09
818232	C3_COMPOSITE	03/29/07	04/04/07	6.33

Site: Diamond Aerosol

Lab Job No: E579

Matrix: SOIL

QA Batch: 2045

Ignitability

STL Edison Sample #	Client ID	Date Sampled	Date Analyzed	Analytical Result
818230	C1_COMPOSITE	03/29/07	04/05/07	Non-Igni
818231	C2_COMPOSITE	03/29/07	04/05/07	Non-Igni
818232	C3_COMPOSITE	03/29/07	04/05/07	Non-Igni

Site: Diamond Aerosol

Lab Job No: E579

Matrix: SOIL

QA Batch: 1937

Reactive Cyanide

STL Edison Sample #	Client ID	Date Sampled	Date Extracted	Date Analyzed	Dilution Factor	Analytical Result Units: mg/kg
818230	C1_COMPOSITE	03/29/07	04/10/07	04/10/07	2.0	ND
818231	C2_COMPOSITE	03/29/07	04/10/07	04/10/07	2.0	ND
818232	C3_COMPOSITE	03/29/07	04/10/07	04/10/07	2.0	ND

Quantitation Limit for Reactive Cyanide is 25.0 mg/kg for an undiluted sample.

Site: Diamond Aerosol

Lab Job No: E579

Matrix: SOIL

QA Batch: 1942

Reactive Sulfide

STL Edison Sample #	Client ID	Date Sampled	Date Extracted	Date Analyzed	Dilution Factor	Analytical Result Units: mg/kg
818230	C1_COMPOSITE	03/29/07	04/10/07	04/10/07	2.0	ND
818231	C2_COMPOSITE	03/29/07	04/10/07	04/10/07	2.0	ND
818232	C3_COMPOSITE	03/29/07	04/10/07	04/10/07	2.0	ND

Quantitation Limit for Reactive Sulfide is 20.0 mg/kg for an undiluted sample.

General Information

Chain of Custody

E579

Chain of Custody Record

Job #E579

SEVERN TRENT **STL®**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Bridgall Engineering Inc	Project Manager: David Backman	Date: 3/29/07	Chain of Custody Number: 274986
Address: 611 Industrial Way W	Telephone Number (Area Code)/Fax Number: 732-380-1200/1201	Lab Number	Page 1 of 8
City: Eatontown; State: NJ; Zip Code: 07724	Site Contact	Lab Contact	
Project Name and Location (State): Diamond Aerosol - Glen Gardner, NJ	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): PCBs / Aroclor 1248	Contingent	Special Instructions/ Conditions of Receipt
P-41 0-6"	3/29/07					X	X						X		818170
P-41 12-18"															171
P-41 24-30														X	Hold - Contingent
P-41 36-42"															173
P-41 48-54"															174
P-43 0-6															175
P-43 12-18															176
P-43 24-30														X	Hold - contingent
P-43 36-42															178
P-43 48-54															179
P-44 0-6															180
P-44 12-18															181

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: [signature] BEI	Date: 3-30-07	Time: 11:00	1. Received By: [signature] STL	Date: 03.30.07	Time: 11:00
2. Relinquished By: [signature] STL	Date: 03.30.07	Time: 13:15	2. Received By: [signature] STL	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL Edison

E579

Chain of Custody Record

Job #E579

STL-4124 (0901)

SEVERN TRENT **STL**®

Severn Trent Laboratories, Inc.

Client: Birdsall	Project Manager: David Beckman	Date: 3-29-07	Chain of Custody Number: 274987
Address: 611 Industrial Way W	Telephone Number (Area Code)/Fax Number: 732-380-1206	Lab Number	Page 2 of 8
City: Eatontown; State: NJ; Zip Code: 07724	Site Contact	Lab Contact	
Project Name and Location (State): Diamond Aerosol - Glen Gardner, NJ	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): PCB / Aroclor 1248	Hold-Contingent	Special Instructions/ Conditions of Receipt
P-44 24-30	3/29/07					X	X						X	X	HOLD 818182
P-44 36-42															183
P-44 48-54															184
P-42 0-6															185
P-42 12-18															186
P-42 24-30														X	HOLD 187
P-42 36-42															188
P-42 48-54															189
P-45 0-6															190
P-45 12-18															191
P-45 24-30														X	HOLD 192
P-45 36-42															193

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

1,3,7

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other ____

QC Requirements (Specify)

1. Relinquished By	Date 3-30-07	Time 11^00	1. Received By SK	Date 03.30.07	Time 11^00
2. Relinquished By SK	Date 03.30.07	Time 1315	2. Received By STL	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL Edison

E579

Chain of Custody Record

Job # E579

SEVERN TRENT **STL®**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Birdsall	Project Manager: Dave Backman	Date: 3-29-07	Chain of Custody Number: 274988
Address: Gill Industrial Way W	Telephone Number (Area Code)/Fax Number: 732-380-1700	Lab Number	Page 3 of 8
City: Edgewater; State: NJ; Zip Code	Site Contact	Lab Contact	
Project Name and Location (State): Diamond Terrace	Carrier/Waybill Number		
Contract/Purchase Order/Quote No			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): PCB Aroclor 1248	HOLD - Contingent	Special Instructions/ Conditions of Receipt
P-45 48-54	3-29-07					X	X						X	X	HOLD 818194
P-46 0-6															195
P-46 12-18															196
P-46 24-36														X	HOLD 197
P-46 36-42															198
P-46 48-54															199
P-47 0-6															200
P-47 12-18															201
P-47 24-36															202
P-47 36-42															203
P-47 48-54															204
P-48 0-6															205

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

1331

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other ____

QC Requirements (Specify)

1. Relinquished By	Date: 3-30-07	Time: 11:00	1. Received By: STL	Date: 03.30.07	Time: 11:00
2. Relinquished By: STL	Date: 03.30.07	Time: 13:15	2. Received By: STL	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL Edison

E579

Chain of Custody Record

Job #E579

SEVERN TRENT **STL**®

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Birdsall	Project Manager: David Backman	Date: 3-29-07	Chain of Custody Number: 274945
Address: 611 Industrial Way W	Telephone Number (Area Code)/Fax Number: 732-380-1700	Lab Number:	Page 4 of 8
City: Eatontown; State: NJ; Zip Code: 07724	Site Contact:	Lab Contact:	
Project Name and Location (State): Diamond Aerosol - Glen Gardner, NJ	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): PCB/Lead/Lead	Lead-Contingent	Special Instructions/ Conditions of Receipt
P-48 12-18	3-29-07				X		X						X	X	HOLD 818206
P-48 24-30															207
P-48 36-42															208
P-48 48-54															209
P-49 0-6															210
P-49 12-18															211
P-49 24-30															212
P-49 36-42															213
P-49 48-54															214
P-50 0-6															215
P-50 12-18															216
P-50 24-30															217

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab 1, 3, 7 ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other ____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	3-30-07	11:00	1. Received By: [signature] STL	03.30.07	11:00
2. Relinquished By: [signature] STL	03.30.07	13:15	2. Received By: [signature] STL		
3. Relinquished By:			3. Received By:		

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 5 OF 8

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol - Glen Gardner, NJ
Company: Birdsall	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way	Analysis Turnaround Time: Standard ☒	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☐ 3 Day ☐ Other ☐	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. E579

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB/Aroclor 1248	HOLD - Contingent	Sample Numbers
P-50 36-42	3-24-07		Soil	1	X	X	818218
P-50 48-54	↓		↓	↓	↓	↓	219
P-51 0-6	↓		↓	↓	↓	↓	220
P-51 12-18	↓		↓	↓	↓	↓	221
P-51 24-30	↓		↓	↓	↓	↓	222
P-51 36-42	↓		↓	↓	↓	↓	223
P-51 48-54	↓		↓	↓	↓	↓	224
B-52 0-6	↓		↓	↓	↓		225
B-52 12-18	↓		↓	↓	↓		226
B-52 24-30	↓		↓	↓	↓	X	227

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water:

Special Instructions Hold for above marked Cooler Temp: 1, 3, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	3-30-07 11:00	[signature]	STL
2. [signature]	STL	03.30.07 12:15	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 6 OF 8

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☒	LAB USE ONLY
City: Eatontown State: Zip: NJ 07724	Rush Charges Authorized For: 1 Week ☐ 3 Day ☐ Other ☐	Project No.
Phone: 732-380-1700 Fax: 1701		Job No. E579

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	RB/Aroclor 1248	HOLD-Contingent	Sample Numbers
B-52 36-42	3-29-07		Soil	1	X	X	818228
B-52 48-54	↓		↓	↓	↓	↓	818229

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions HOLD Cooler Temp: 1, 3, 1 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5-30-07 11:00	[signature]	STL
2. [signature]	STL	03.30.07 13:15	[signature]	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

E579

Chain of Custody Record

Job # E579

SEVERN TRENT **STL**®

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: David Buckman / BEI	Project Manager: David Buckman	Date: 3/29/07	Chain of Custody Number: 274989
Address: 601 Industrial Wy West	Telephone Number (Area Code)/Fax Number: 732-380-1700 x1258	Lab Number:	Page 7 of 8
City: Eatontown; State: NJ; Zip Code: 07753	Site Contact: Dave Buckman	Lab Contact: Dave Lissy	
Project Name and Location (State): Piano Aerosol	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Fe	Analysis: Full TCLP	TSCA ID	PCBs	Special Instructions/ Conditions of Receipt
C1 (composite)	3/29					X							X	X	X	X	818230
C2 (composite)														X	X	X	231
C3 (composite)														X	X	X	232
SP-1																X	233
SP-2																X	234
SP-3																X	235
SP-4																X	236
SP-5																X	237
SP-6																X	238
SP-7																X	239
SP-8																X	240
SP-9																X	241

Analysis (Attach list if more space is needed): Normal (21) TAT; 7 day Rush

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☑ 7 Days ☐ 14 Days ☑ 21 Days ☐ Other See Notes

QC Requirements (Specify):

1. Relinquished By		Date: 3-30-07	Time: 11:00	1. Received By	SR	Date: 03.30.07	Time: 11:00
2. Relinquished By	SR	Date: 03.30.07	Time: 13:15	2. Received By	STL	Date:	Time:
3. Relinquished By		Date:	Time:	3. Received By		Date:	Time:

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL Edison

E579

Chain of Custody Record

Job # E579

SEVERN TRENT **STL®**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: David Buchman / BET	Project Manager: David Buchman	Date: 3/29/07	Chain of Custody Number: 274990
Address: 611 Industrial way west	Telephone Number (Area Code)/Fax Number: 732-380-1700 x 1258	Lab Number	Page 8 of 8
City: Eatontown; State: NJ; Zip Code: 07753	Site Contact: David Buchman	Lab Contact: Dave Lissy	
Project Name and Location (State): Diamond Aerosol	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Tcl	PCBs	Special Instructions/ Conditions of Receipt
SP-10	3/29					X							X	X	818242 7 Day Rush

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☑ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3-30-07	11:00	1. Received By SR	03.30.07	11:00
2. Relinquished By SR	03.30.07	13:00	2. Received By STL		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL Edison

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

VOAMS

LEACHATE - 8260B

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
818230	3/29/2007	3/30/2007			4/4/2007	Riaz, Mahjabeen	5357
818231	3/29/2007	3/30/2007			4/4/2007	Riaz, Mahjabeen	5357
818232	3/29/2007	3/30/2007			4/4/2007	Riaz, Mahjabeen	5357

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

BNAMS

LEACHATE - 8270C

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
818230	3/29/2007	3/30/2007	4/16/2007	Hernandez, Karl	4/17/2007	Zhao,Chunxin	4791
818231	3/29/2007	3/30/2007	4/4/2007	Huertas, Jamie	4/6/2007	Zhao,Chunxin	4791
818232	3/29/2007	3/30/2007	4/4/2007	Huertas, Jamie	4/6/2007	Zhao,Chunxin	4791

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818170	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5148
818171	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5148
818172	3/29/2007	3/30/2007					
818173	3/29/2007	3/30/2007					
818174	3/29/2007	3/30/2007					
818175	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/4/2007	Diaz, Carol	5148
818176	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5148
818177	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/7/2007	Diaz, Carol	5148
818178	3/29/2007	3/30/2007					
818179	3/29/2007	3/30/2007					
818180	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5148
818181	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5148
818182	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/7/2007	Diaz, Carol	5148
818183	3/29/2007	3/30/2007					
818184	3/29/2007	3/30/2007					
818185	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5148
818186	3/29/2007	3/30/2007	4/2/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5148
818187	3/29/2007	3/30/2007					
818188	3/29/2007	3/30/2007					
818189	3/29/2007	3/30/2007					
818190	3/29/2007	3/30/2007	4/2/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5149
818191	3/29/2007	3/30/2007	4/2/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5149
818192	3/29/2007	3/30/2007					
818193	3/29/2007	3/30/2007					
818194	3/29/2007	3/30/2007					
818195	3/29/2007	3/30/2007	4/2/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5149

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818196	3/29/2007	3/30/2007	4/2/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5149
818197	3/29/2007	3/30/2007					
818198	3/29/2007	3/30/2007					
818199	3/29/2007	3/30/2007					
818200	3/29/2007	3/30/2007	4/11/2007	Huertas, Jamie	4/12/2007	Diaz, Carol	5149
818201	3/29/2007	3/30/2007	4/2/2007	Staib, Thomas	4/10/2007	Diaz, Carol	5149
818202	3/29/2007	3/30/2007					
818203	3/29/2007	3/30/2007					
818204	3/29/2007	3/30/2007					
818205	3/29/2007	3/30/2007	4/3/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5156
818206	3/29/2007	3/30/2007	4/3/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5156
818207	3/29/2007	3/30/2007					
818208	3/29/2007	3/30/2007					
818209	3/29/2007	3/30/2007					
818210	3/29/2007	3/30/2007	4/3/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5156
818211	3/29/2007	3/30/2007	4/3/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5156
818212	3/29/2007	3/30/2007					
818213	3/29/2007	3/30/2007					
818214	3/29/2007	3/30/2007					
818215	3/29/2007	3/30/2007	4/5/2007	Sheth, Chintan	4/6/2007	Diaz, Carol	5156
818216	3/29/2007	3/30/2007	4/3/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5156
818217	3/29/2007	3/30/2007					
818218	3/29/2007	3/30/2007					
818219	3/29/2007	3/30/2007					
818220	3/29/2007	3/30/2007	4/3/2007	Alinea, Archie	4/3/2007	Diaz, Carol	5156
818221	3/29/2007	3/30/2007	4/2/2007	Staib, Thomas	4/7/2007	Diaz, Carol	5144

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818222	3/29/2007	3/30/2007					
818223	3/29/2007	3/30/2007					
818224	3/29/2007	3/30/2007					
818225	3/29/2007	3/30/2007	4/2/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5144
818226	3/29/2007	3/30/2007	4/2/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5144
818227	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5154
818228	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5154
818229	3/29/2007	3/30/2007					
818230	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5154
818231	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5154
818232	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/3/2007	Diaz, Carol	5154
818233	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818234	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818235	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818236	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818237	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818238	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818239	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818240	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818241	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154
818242	3/29/2007	3/30/2007	4/3/2007	Staib, Thomas	4/4/2007	Diaz, Carol	5154

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8081A

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
LEACHATE							
818230	3/29/2007	3/30/2007	4/6/2007	Mehkri, Muzafar	4/9/2007	Masters, Melissa	5159
818231	3/29/2007	3/30/2007	4/4/2007	Borreo, Jeffrey	4/6/2007	Masters, Melissa	5159
818232	3/29/2007	3/30/2007	4/4/2007	Borreo, Jeffrey	4/6/2007	Masters, Melissa	5159

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8151A

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
LEACHATE							
818230	3/29/2007	3/30/2007	4/4/2007	Romero, Juan	4/4/2007	Kapoor, Sita	5158
818231	3/29/2007	3/30/2007	4/4/2007	Romero, Juan	4/4/2007	Kapoor, Sita	5158
818232	3/29/2007	3/30/2007	4/4/2007	Romero, Juan	4/4/2007	Kapoor, Sita	5158

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	E579	**Site:**	Diamond Aerosol
Client:	Birdsall Engineering, Inc.	**Date Sampled:**	3/29/2007
Sample No.:	818230	**Date Received:**	3/30/2007
		Matrix:	LEACHATE

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
TCLP MERCURY	4/5/2007	Sheikh, Razia	4/5/2007	Sheikh, Razia	22377
TCLP ARSENIC	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP BARIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP CADMIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP CHROMIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP LEAD	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP SELENIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP SILVER	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc. **Date Sampled:** 3/29/2007

Sample No.: 818231 **Date Received:** 3/30/2007

Matrix: LEACHATE

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
TCLP MERCURY	4/5/2007	Sheikh, Razia	4/5/2007	Sheikh, Razia	22377
TCLP ARSENIC	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP BARIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP CADMIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP CHROMIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP LEAD	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP SELENIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP SILVER	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No:	E579	**Site:**	Diamond Aerosol
Client:	Birdsall Engineering, Inc.	**Date Sampled:**	3/29/2007
Sample No.:	818232	**Date Received:**	3/30/2007
		Matrix:	LEACHATE

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
TCLP MERCURY	4/5/2007	Sheikh, Razia	4/5/2007	Sheikh, Razia	22377
TCLP ARSENIC	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP BARIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP CADMIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP CHROMIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP LEAD	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP SELENIUM	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377
TCLP SILVER	4/4/2007	Dave, Virendra	4/5/2007	Polidori, Michael	22377

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

WET CHEM

1030 IGNITABILITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818230	3/29/2007	3/30/2007			4/5/2007	Legaspi, Gloria	2045
818231	3/29/2007	3/30/2007			4/5/2007	Legaspi, Gloria	2045
818232	3/29/2007	3/30/2007			4/5/2007	Legaspi, Gloria	2045

CN REACTIVITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818230	3/29/2007	3/30/2007	4/10/2007	Guzik, Greg	4/10/2007	Guzik, Greg	1937
818231	3/29/2007	3/30/2007	4/10/2007	Guzik, Greg	4/10/2007	Guzik, Greg	1937
818232	3/29/2007	3/30/2007	4/10/2007	Guzik, Greg	4/10/2007	Guzik, Greg	1937

CORROSIVITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818230	3/29/2007	3/30/2007			4/4/2007	Perez, Rafael	3147
818231	3/29/2007	3/30/2007			4/4/2007	Perez, Rafael	3147

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

WET CHEM

CORROSIVITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818232	3/29/2007	3/30/2007			4/4/2007	Perez, Rafael	3147

IGNITABILITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818230	3/29/2007	3/30/2007					
818231	3/29/2007	3/30/2007					
818232	3/29/2007	3/30/2007					

S REACTIVITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818230	3/29/2007	3/30/2007	4/10/2007	Guzik, Greg	4/10/2007	Guzik, Greg	1942
818231	3/29/2007	3/30/2007	4/10/2007	Guzik, Greg	4/10/2007	Guzik, Greg	1942
818232	3/29/2007	3/30/2007	4/10/2007	Guzik, Greg	4/10/2007	Guzik, Greg	1942

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E579 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

WET CHEM

TCLP PREP

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818230	3/29/2007	3/30/2007			4/4/2007	Ladao, Rodger	
818231	3/29/2007	3/30/2007			4/4/2007	Ladao, Rodger	
818232	3/29/2007	3/30/2007			4/4/2007	Ladao, Rodger	

ZHE PREP

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
818230	3/29/2007	3/30/2007			4/4/2007	Ladao, Rodger	
818231	3/29/2007	3/30/2007			4/4/2007	Ladao, Rodger	
818232	3/29/2007	3/30/2007			4/4/2007	Ladao, Rodger	

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

STL

Nonconformance Summary

STL Edison Job Number: E579

Client: Birdsall Engineering, Inc.

Date: 5/1/2007

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

All data conforms with method requirements.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

Sample 818230 was re-extracted outside hold time.

Sample #818231: Surrogate standard recoveries are biased high. Sample results are ND. Data reported without qualifiers.

Sample 818230: S- Phenol-D5 surrogate standard recovery is biased low. Sample reextracted (outside hold time) confirming matrix interference. Reextracted sample reported.

Pesticides/PCBs:

Pesticide sample 818230: The ending calibration bracket for DDT failed (biased low). DDT not requested in this sample. All data reported without qualifiers.

Pesticide sample 818230: The ending calibration bracket for Methoxychlor failed (biased low). Sample extract reanalyzed with the ending bracket failing, confriming matrix interference.

PCB QA batch 5148: matrix spike recovery of Aroclor-1016 is biased low. (blank spike recovery is within Q.C. limits).

PCB QA batch 5154: MS/MSD RPD for Aroclor-1016 & Aroclor-1260 are biased high.

PCB QA batch 5156: MS/MSD RPD for Aroclor-1260 is biased high.

Metals:

All data conforms with method requirements.

Wet Chemistry:

Reactive Cyanide spike recovery biased low (low recovery expected with this test procedure.)

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy

Project Manager

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

05/31/2007

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. F752 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on May 1, 2007.

Lab No.	Client ID	Analysis Required
825457	B-53_0-6	PCBs
825458	B-53_6-12	PCBs
825459	B-53_12-18	PCBs
825462	B-54_0-6	PCBs
825463	B-54_6-12	PCBs
825467	B-55_0-6	PCBs
825468	B-55_6-12	PCBs
825472	B-56_0-6	PCBs
825473	B-56_6-12	PCBs
825477	B-57_0-6	PCBs
825478	B-57_6-12	PCBs
825482	B-58_0-6	PCBs
825483	B-58D_0-6	PCBs
825484	B-58_6-12	PCBs
825488	B-59_0-6	PCBs
825489	B-59_6-12	PCBs
825494	B-60_0-6	PCBs
825495	B-60_6-12	PCBs
825499	B-61_0-6	PCBs
825500	B-61_6-12	PCBs
825504	B-62_0-6	PCBs

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. F752 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
825505	B-62_6-12	PCBs
825509	B-63_0-6	PCBs
825510	B-63_6-12	PCBs
825514	B-64_0-6	PCBs
825515	B-64_6-12	PCBs
825520	B-65_0-6	PCBs
825521	B-65_6-12	PCBs
825525	B-66_0-6	PCBs

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. F752 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
825526	B-66_6-12	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

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Analytical Results Summary

Client ID: B-53_0-6
Site: Diamond Aerosol

Lab Sample ID: 825457
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059756.d
Rear File ID: qr059756.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	540	80	F
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-53_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825458**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059759.d
Rear File ID: qr059759.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	320	83	F
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: B-53_12-18
Site: Diamond Aerosol

Lab Sample ID: 825459
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059760.d
Rear File ID: qr059760.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 25

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	89	R
Aroclor-1221	ND	89	R
Aroclor-1232	ND	89	R
Aroclor-1242	ND	89	R
Aroclor-1248	ND	89	R
Aroclor-1254	ND	89	R
Aroclor-1260	ND	89	R
Aroclor-1262	ND	89	R
Aroclor-1268	ND	89	R

Client ID: **B-54_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825462**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/04/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418681.d
Rear File ID: vr418681.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 25

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	90	R
Aroclor-1221	ND	90	R
Aroclor-1232	ND	90	R
Aroclor-1242	ND	90	R
Aroclor-1248	230	90	F
Aroclor-1254	ND	90	R
Aroclor-1260	ND	90	R
Aroclor-1262	ND	90	R
Aroclor-1268	ND	90	R

Client ID: B-54_6-12
Site: Diamond Aerosol

Lab Sample ID: 825463
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059762.d
Rear File ID: qr059762.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
roclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **B-55_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825467**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/04/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418682.d
Rear File ID: vr418682.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	310	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-55_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825468**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059766.d
Rear File ID: qr059766.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: B-56_0-6
Site: Diamond Aerosol

Lab Sample ID: 825472
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059770.d
Rear File ID: qr059770.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 27

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	92	R
Aroclor-1221	ND	92	R
Aroclor-1232	ND	92	R
Aroclor-1242	ND	92	R
Aroclor-1248	ND	92	R
roclor-1254	ND	92	R
Aroclor-1260	ND	92	R
Aroclor-1262	ND	92	R
Aroclor-1268	ND	92	R

Client ID: B-56_6-12
Site: Diamond Aerosol

Lab Sample ID: 825473
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059771.d
Rear File ID: qr059771.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **B-57_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825477**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059736.d
Rear File ID: qr059736.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	320	80	F
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-57_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825478**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/04/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418684.d
Rear File ID: vr418684.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: **B-58_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825482**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059743.d
Rear File ID: qr059743.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: B-58D_0-6
Site: Diamond Aerosol

Lab Sample ID: 825483
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059744.d
Rear File ID: qr059744.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	160	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: **B-58_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825484**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059745.d
Rear File ID: qr059745.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	86	R
Aroclor-1221	ND	86	R
Aroclor-1232	ND	86	R
Aroclor-1242	ND	86	R
Aroclor-1248	ND	86	R
Aroclor-1254	ND	86	R
Aroclor-1260	ND	86	R
Aroclor-1262	ND	86	R
Aroclor-1268	ND	86	R

Client ID: **B-59_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825488**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059749.d
Rear File ID: qr059749.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-59_6-12
Site: Diamond Aerosol

Lab Sample ID: 825489
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/02/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059750.d
Rear File ID: qr059750.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-60_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825494**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418602.d
Rear File ID: vr418602.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	380	77	R
Aroclor-1254	410	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **B-60_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825495**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418608.d
Rear File ID: vr418608.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: B-61_0-6
Site: Diamond Aerosol

Lab Sample ID: 825499
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418612.d
Rear File ID: vr418612.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 10

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	75	R
Aroclor-1221	ND	75	R
Aroclor-1232	ND	75	R
Aroclor-1242	ND	75	R
Aroclor-1248	ND	75	R
Aroclor-1254	94	75	F
Aroclor-1260	ND	75	R
Aroclor-1262	ND	75	R
Aroclor-1268	ND	75	R

Client ID: B-61_6-12
Site: Diamond Aerosol

Lab Sample ID: 825500
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418613.d
Rear File ID: vr418613.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **B-62_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825504**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418621.d
Rear File ID: vr418621.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 12

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	76	R
Aroclor-1221	ND	76	R
Aroclor-1232	ND	76	R
Aroclor-1242	ND	76	R
Aroclor-1248	ND	76	R
Aroclor-1254	ND	76	R
Aroclor-1260	ND	76	R
Aroclor-1262	ND	76	R
Aroclor-1268	ND	76	R

Client ID: **B-62_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825505**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418622.d
Rear File ID: vr418622.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: B-63_0-6
Site: Diamond Aerosol

Lab Sample ID: 825509
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059776.d
Rear File ID: qr059776.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **B-63_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825510**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059780.d
Rear File ID: qr059780.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **B-64_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825514**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/05/07
Date Analyzed: 05/07/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418714.d
Rear File ID: vr418714.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **B-64_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825515**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059785.d
Rear File ID: qr059785.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	ND	83	R
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **B-65_0-6**
Site: Diamond Aerosol

Lab Sample ID: **825520**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059790.d
Rear File ID: qr059790.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	86	R
Aroclor-1221	ND	86	R
Aroclor-1232	ND	86	R
Aroclor-1242	ND	86	R
Aroclor-1248	ND	86	R
Aroclor-1254	120	86	R
Aroclor-1260	ND	86	R
Aroclor-1262	ND	86	R
Aroclor-1268	ND	86	R

Client ID: **B-65_6-12**
Site: Diamond Aerosol

Lab Sample ID: **825521**
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/04/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf059791.d
Rear File ID: qr059791.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: B-66_0-6
Site: Diamond Aerosol

Lab Sample ID: 825525
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418625.d
Rear File ID: vr418625.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	ND	78	R
Aroclor-1254	140	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: B-66_6-12
Site: Diamond Aerosol

Lab Sample ID: 825526
Lab Job No: F752

Date Sampled: 04/30/07
Date Received: 05/01/07
Date Extracted: 05/03/07
Date Analyzed: 05/03/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf418626.d
Rear File ID: vr418626.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

General Information

Chain of Custody

STL EDISON
777 N[illegible]rham Road
Edison, [illegible] Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTO[illegible] / ANALYSIS REQUEST

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering Inc	P.O. #	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 601 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 5-day; 3 Day ☐; Other ☐	
Phone: 732-380-1700 Fax: (701)		

LAB USE ONLY: Project No. ____ Job No. F752

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB (Aroclor-1248)	HOLD contingent	Sample Numbers
B-53 0-6	4-30-07		Soil	1	X		825457
B-53 6-12	↓		↓	↓	↓		458
B-53 12-18						X	459
B-53 24-30						↓	460
B-53 36-42							461
B-54 0-6							462
B-54 6-12							463
B-54 12-18						X	464
B-54 24-30						↓	465
B-54 36-42	↓		↓	↓	↓	↓	466

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other _____, 7 = Other _____

Soil: Water:

Special Instructions 5 day-turn / Hold as shown Cooler Temp: 1°, 1° Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5/1/07	[signature]	STL
2. [signature]	STL	5/1/07	M. Patel	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): David Beckman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 5-days; 3 Day ☐; Other ☐	
Phone: 380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. F752

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB (Aroclor-1248)	HOLD. Contingent	Sample Numbers
B-55 0-6	4-30-07		Soil	1	X		825467
B-55 6-12	↓		↓	↓	↓		468
B-55 12-18	↓		↓	↓	↓	X	469
B-55 24-30	↓		↓	↓	↓	↓	470
B-55 36-42	↓		↓	↓	↓	↓	471
B-56 0-6	↓		↓	↓	↓		472
B-56 6-12	↓		↓	↓	↓		473
B-56 12-18	↓		↓	↓	↓	X	474
B-56 24-30	↓		↓	↓	↓	↓	475
B-56 36-42	↓		↓	↓	↓	↓	476

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil:
Water:

Special Instructions 5-day turn / Hold as stated Cooler Temp: 1°/1° Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5/1/07 11:00	[signature]	STL
2. [signature]	STL	5/1/07 1230	M. Patel	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

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CHAIN OF CUSTODY / ANALYSIS REQUEST

F752

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: 611 Industrial Way	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
Address: Birdsall Engineering		Regulatory Program:
City: Eatontown State: NJ Zip: 07724	Analysis Turnaround Time: Standard ☐	
Phone: 380-1700 Fax: 1701	Rush Charges Authorized For: 1 Week ☒ 5 day; 3 Day ☐; Other ☐	

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY: Project No. ____ Job No. F752

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB (Aroclor-1248)	HOLD (contingent)	Sample Numbers
B-57 0-6	4-30-07		Soil	1	X		825477
B-57 6-12							478
B-57 12-18						X	479
B-57 24-30							480
B-57 36-42							481
B-58 0-6							482
B-58D 0-6							483
B-58 6-12							484
B-58 12-18						X	485
B-58 24-30							486

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other _____, 7 = Other _____

Soil: Water:

Special Instructions 5-day turn + Hold as stated Cooler Temp: 10.1° Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5/1/07 11	[signature]	STL
2. [signature]	STL	5/1/07 1230	M. Patel	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

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STL-Edison

STL EDISON
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Edison, New Jersey 08817
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CHAIN OF CUSTODY / ANALYSIS REQUEST

F752

Name (for report and invoice): David Beckman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: Gil Industrial Park W	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 5-day, 3 Day ☐, Other ☐	
Phone: 380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY: Project No. ____ Job No. F752

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB (Aroclor-1248)	Hold contingent	Sample Numbers
B-58 36-42	4-30-07		Soil	1	X	X	825487
B-59 0-6							488
B-59 6-12							489
B-59 12-18						X	490
B-59D 12-18							491
B-59 24-30							492
B-59 36-42							493
B-60 0-6							494
B-60 6-12							495
B-60 12-18						X	496

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil: Water:

Special Instructions 5-day turn / HoLDs Cooler Temp: 1° 1° Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5/1/07 11 a	[signature]	STL
2. [signature]	STL	5/1/07 12:30	M. Patel	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
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Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 5-day; 3 Day ☐; Other ☐	
Phone: 380-1700 Fax: 380-1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY: Project No. ____ Job No. F752

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB (Aroclor-1248)	HOLD composite	Sample Numbers
B-60 24-30	4-30-07		Soil	1	X	X	825497
B-60 36-42							498
B-61 0-6							499
B-61 6-12							500
B-61 12-18						X	501
B-61 24-30							502
B-61 36-42							503
B-62 0-6							504
B-62 6-12							505
B-62 12-18						X	506

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other _____, 7 = Other _____

Soil: Water:

Special Instructions 5 day turn / Holds Cooler Temp: 1°, 1° Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5/1/07 9AM	[signature]	STL
2. [signature]	STL	5/1/07 1200	M. Pakel	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

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F752

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F752

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
		Regulatory Program:
Address: 611 Industrial Way	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 5-day; 3 Day ☐; Other ☐	
Phone: 380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY: Project No. ____ Job No. F752

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB (Aroclor-1248)	HOLD contingent	Sample Numbers
B-62 24-30	4-30-07		Soil	1	X	X	825507
B-62 36-42	↓		↓	↓	↓	↓	508
B-63 0-6							509
B-63 6-12							510
B-63 12-18						X	511
B-63 24-30						↓	512
B-63 36-42							513
B-64 0-6							514
B-64 6-12							515
B-64 12-18	↓		↓	↓	↓	X	516

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil: Water:

Special Instructions 5-day turn / Holds Cooler Temp: 1°, 1° Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5/11/07 11:00	[signature]	STL
2. [signature]	STL	5/11/07 12:30	M. Patel	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028) New York (11452) Pennsylvania (68-522) Connecticut (PH-0200) Rhode Island (132)

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38

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Edison, New Jersey 08817
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CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 7 OF 8

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #	State (Location of Site): NJ: ☑ NY: ☐ Other:
		Regulatory Program:
Address: Cell Industrial Way	Analysis Turnaround Time: Standard ☐	LAB USE ONLY
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 5-day; 3 Day ☐; Other ☐	Project No.
Phone: 380-1700 Fax: 1701		Job No. F752

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB (Aroclor-1248)	HOLD Contingent	Sample Numbers
B-64 24-30	4-30-07		Soil	1	X	X	825517
B-64D 24-30	↓		↓	↓	↓	↓	518
B-64 36-42	↓		↓	↓	↓	↓	519
B-65 0-6	↓		↓	↓	↓		520
B-65 6-12	↓		↓	↓	↓		521
B-65 12-18	↓		↓	↓	↓	X	522
B-65 24-30	↓		↓	↓	↓	↓	523
B-65 36-42	↓		↓	↓	↓	↓	524
B-66 0-6	↓		↓	↓	↓		525
B-66 6-12	↓		↓	↓	↓		526

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil:
Water:

Special Instructions 5-day turn/Holds Cooler Temp: 1°, 1° Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5/1/07 11:00	[signature]	STL
2. [signature]	STL	5/1/07 1530	M. Patel	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028) New York (11452) Pennsylvania (68522) Connecticut (PH 0200) Rhode Island (132)

F752

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 8 OF 8

Name (for report and invoice): David Backman	Sampler's Name (Printed): Dennis Blume	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering	P.O. #:	State (Location of Site): NJ: ☒ NY: ☐ Other:
Address: 611 Industrial Way	Analysis Turnaround Time: Standard ☐	Regulatory Program:
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☒ 5-day; 3 Day ☐; Other ☐	
Phone: 380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY: Project No. ____ Job No. F752

Sample Identification	Date	Time	Matrix	No. of Cont.	PCB (Aroclor-1248)	HOLD contingent	[illegible]	Sample Numbers
B-66 02-18	4-30-07		Soil	1	X	X		825527
B-66 24-30	↓		↓	↓	↓	↓		528
B-66 36-42	↓		↓	↓	↓	↓		529

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other _____, 7 = Other _____ Soil: Water:

Special Instructions 5-day turn / Hold Cooler Temp: 1°, 1° Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	5/1/07 11:00	[signature]	STL
2. [signature]	STL	5/1/07 12:30	M. Patel	STL
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-Edison

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: F752 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
825457	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/4/2007	Diaz, Carol	5259
825458	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/4/2007	Diaz, Carol	5259
825459	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/4/2007	Diaz, Carol	5259
825460	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/22/2007	Dalangin, Catalina	5259
825461	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/22/2007	Dalangin, Catalina	5259
825461	4/30/2007	5/01/2007	5/4/2007	Staib, Thomas	5/22/2007	Dalangin, Catalina	5259
825462	4/30/2007	5/01/2007	5/4/2007	Staib, Thomas	5/4/2007	Diaz, Carol	5259
825463	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/4/2007	Diaz, Carol	5259
825464	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/14/2007	Dalangin, Catalina	5259
825465	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/14/2007	Dalangin, Catalina	5259
825466	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/14/2007	Dalangin, Catalina	5259
825467	4/30/2007	5/01/2007	5/4/2007	Staib, Thomas	5/4/2007	Diaz, Carol	5259
825468	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/4/2007	Diaz, Carol	5259
825469	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/14/2007	Dalangin, Catalina	5259
825470	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/14/2007	Dalangin, Catalina	5259
825471	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/14/2007	Dalangin, Catalina	5259
825472	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/4/2007	Diaz, Carol	5259
825473	4/30/2007	5/01/2007	5/2/2007	Huertas, Jamie	5/4/2007	Diaz, Carol	5259
825474	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825475	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825476	4/30/2007	5/01/2007	5/4/2007	Staib, Thomas	5/14/2007	Dalangin, Catalina	5259
825476	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825477	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/3/2007	Diaz, Carol	5260
825478	4/30/2007	5/01/2007	5/4/2007	Staib, Thomas	5/4/2007	Diaz, Carol	5259
825479	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825480	4/30/2007	5/01/2007	5/4/2007	Staib, Thomas	5/14/2007	Dalangin, Catalina	5259

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: F752 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
825480	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825481	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825482	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/3/2007	Diaz, Carol	5260
825483	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/3/2007	Diaz, Carol	5260
825484	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/3/2007	Diaz, Carol	5260
825485	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825486	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825487	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825488	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/3/2007	Diaz, Carol	5260
825489	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/3/2007	Diaz, Carol	5260
825490	4/30/2007	5/01/2007	5/2/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5260
825491	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825492	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825493	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825494	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/3/2007	Diaz, Carol	5264
825495	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/3/2007	Diaz, Carol	5264
825496	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825497	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825498	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825499	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/3/2007	Diaz, Carol	5264
825500	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/3/2007	Diaz, Carol	5264
825501	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825502	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825503	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825504	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/3/2007	Diaz, Carol	5264
825505	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/3/2007	Diaz, Carol	5264

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: F752 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
825506	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825507	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5264
825508	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825509	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/4/2007	Diaz, Carol	5265
825510	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/4/2007	Diaz, Carol	5265
825511	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825512	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825513	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825514	4/30/2007	5/01/2007	5/5/2007	Huertas, Jamie	5/7/2007	Diaz, Carol	5265
825515	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/4/2007	Diaz, Carol	5265
825516	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825517	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825518	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825519	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825520	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/4/2007	Diaz, Carol	5265
825521	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/4/2007	Diaz, Carol	5265
825522	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825523	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825524	4/30/2007	5/01/2007	5/4/2007	Huertas, Jamie	5/14/2007	Dalangin, Catalina	5265
825524	4/30/2007	5/01/2007	5/3/2007	Sheth, Chintan	5/14/2007	Dalangin, Catalina	5265
825525	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/3/2007	Diaz, Carol	5258
825526	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/3/2007	Diaz, Carol	5258
825527	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5258
825528	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5258

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: F752 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
825529	4/30/2007	5/01/2007	5/3/2007	Alinea, Archie	5/14/2007	Dalangin, Catalina	5258

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

STL

Nonconformance Summary

STL Edison Job Number: F752

Client: Birdsall Engineering, Inc.

Date: 5/30/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

PCB samples 825482, 825484 & 825488: DCB surrogate standard recovery is biased high. (PCBs all ND for this sample). Sample results reported without qualifiers.

I certify that the test results contained in this data package meet all requirements of NELAC both technica for completeness, for other than the conditions detailed above. Release of the data contained in this packag been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy
Project Manager

STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

07/09/2007

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. I092 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on June 28, 2007.

Lab No.	Client ID	Analysis Required
842032	JPE-1	PCBs
842033	JPE-2	PCBs
842034	JPE-3	PCBs
842035	JPE-4	PCBs
842036	JPE-5	PCBs
842037	JPE-6	PCBs
842038	JPE-7	PCBs
842039	JPE-8	PCBs
842040	JPE-9	PCBs
842041	JPE-10	PCBs
842042	JPE-11	PCBs
842043	JPE-12	PCBs
842044	JPE-13	PCBs
842045	JPE-14	PCBs
842046	JPE-15	PCBs
842047	JPE-16	PCBs
842048	JPE-17	PCBs
842049	JPE-18	PCBs
842050	JPE-19	PCBs
842051	JPE-20	PCBs
842052	JPE-21	PCBs

STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
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Laboratory Results
Job No. I092 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
842053	JPE-22	PCBs
842054	JPE-23	PCBs
842055	JPE-24	PCBs
842056	JPE-25	PCBs
842057	JPE-26	PCBs
842058	JPE-27	PCBs
842059	JPE-28	PCBs
842060	JPE-29	PCBs
842061	JPE-30	PCBs
842062	JPE-31	PCBs
842063	JPE-32	PCBs
842064	JPE-33	PCBs
842065	JPE-34	PCBs
842066	JPE-35	PCBs
842067	JPE-36	PCBs
842068	JPE-37	PCBs
842069	JPE-38	PCBs
842070	JPE-39	PCBs

STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
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Laboratory Results
Job No. I092 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
842071	JPE-40	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

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Analytical Results Summary

Client ID: **JPE-1**
Site: Diamond Aerosol

Lab Sample ID: **842032**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421892.d
Rear File ID: vr421892.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **JPE-2**
Site: Diamond Aerosol

Lab Sample ID: **842033**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421895.d
Rear File ID: vr421895.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **JPE-3**
Site: Diamond Aerosol

Lab Sample ID: **842034**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421896.d
Rear File ID: vr421896.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **JPE-4**
Site: Diamond Aerosol

Lab Sample ID: **842035**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421897.d
Rear File ID: vr421897.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **JPE-5**
Site: Diamond Aerosol

Lab Sample ID: **842036**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421898.d
Rear File ID: vr421898.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **JPE-6**
Site: Diamond Aerosol

Lab Sample ID: **842037**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421899.d
Rear File ID: vr421899.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **JPE-7**
Site: Diamond Aerosol

Lab Sample ID: **842038**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421900.d
Rear File ID: vr421900.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **JPE-8**
Site: Diamond Aerosol

Lab Sample ID: **842039**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421903.d
Rear File ID: vr421903.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **JPE-9**
Site: Diamond Aerosol

Lab Sample ID: **842040**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421904.d
Rear File ID: vr421904.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **JPE-10**
Site: Diamond Aerosol

Lab Sample ID: **842041**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421905.d
Rear File ID: vr421905.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	ND	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **JPE-11**
Site: Diamond Aerosol

Lab Sample ID: **842042**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421939.d
Rear File ID: vr421939.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **JPE-12**
Site: Diamond Aerosol

Lab Sample ID: **842043**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421940.d
Rear File ID: vr421940.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **JPE-13**
Site: Diamond Aerosol

Lab Sample ID: **842044**
Lab Job No: I092

Date Sampled: 06/26/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421908.d
Rear File ID: vr421908.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	130	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **JPE-14**
Site: Diamond Aerosol

Lab Sample ID: **842045**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421909.d
Rear File ID: vr421909.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	ND	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **JPE-15**
Site: Diamond Aerosol

Lab Sample ID: **842046**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421910.d
Rear File ID: vr421910.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	310	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **JPE-16**
Site: Diamond Aerosol

Lab Sample ID: **842047**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421911.d
Rear File ID: vr421911.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 8

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	73	R
Aroclor-1221	ND	73	R
Aroclor-1232	ND	73	R
Aroclor-1242	ND	73	R
Aroclor-1248	260	73	R
Aroclor-1254	ND	73	R
Aroclor-1260	ND	73	R
Aroclor-1262	ND	73	R
Aroclor-1268	ND	73	R

Client ID: **JPE-17**
Site: Diamond Aerosol

Lab Sample ID: **842048**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421912.d
Rear File ID: vr421912.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	350	77	F
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **JPE-18**
Site: Diamond Aerosol

Lab Sample ID: **842049**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/29/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421861.d
Rear File ID: vr421861.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	230	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **JPE-19**
Site: Diamond Aerosol

Lab Sample ID: **842050**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421864.d
Rear File ID: vr421864.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	140	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **JPE-20**
Site: Diamond Aerosol

Lab Sample ID: **842051**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421865.d
Rear File ID: vr421865.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **JPE-21**
Site: Diamond Aerosol

Lab Sample ID: **842052**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421866.d
Rear File ID: vr421866.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **JPE-22**
Site: Diamond Aerosol

Lab Sample ID: **842053**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421867.d
Rear File ID: vr421867.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	880	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **JPE-23**
Site: Diamond Aerosol

Lab Sample ID: **842054**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421868.d
Rear File ID: vr421868.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 12

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	76	R
Aroclor-1221	ND	76	R
Aroclor-1232	ND	76	R
Aroclor-1242	ND	76	R
Aroclor-1248	ND	76	R
Aroclor-1254	ND	76	R
Aroclor-1260	ND	76	R
Aroclor-1262	ND	76	R
Aroclor-1268	ND	76	R

Client ID: **JPE-24**
Site: Diamond Aerosol

Lab Sample ID: **842055**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421869.d
Rear File ID: vr421869.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **JPE-25**
Site: Diamond Aerosol

Lab Sample ID: **842056**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421870.d
Rear File ID: vr421870.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	120	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **JPE-26**
Site: Diamond Aerosol

Lab Sample ID: **842057**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421871.d
Rear File ID: vr421871.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	820	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **JPE-27**
Site: Diamond Aerosol

Lab Sample ID: **842058**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421872.d
Rear File ID: vr421872.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	ND	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **JPE-28**
Site: Diamond Aerosol

Lab Sample ID: **842059**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421873.d
Rear File ID: vr421873.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	490	80	F
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **JPE-29**
Site: Diamond Aerosol

Lab Sample ID: **842060**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421874.d
Rear File ID: vr421874.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **JPE-30**
Site: Diamond Aerosol

Lab Sample ID: **842061**
Lab Job No: I092

Date Sampled: 06/27/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421941.d
Rear File ID: vr421941.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	390	R
Aroclor-1221	ND	390	R
Aroclor-1232	ND	390	R
Aroclor-1242	ND	390	R
Aroclor-1248	3100	390	R
Aroclor-1254	ND	390	R
Aroclor-1260	ND	390	R
Aroclor-1262	ND	390	R
Aroclor-1268	ND	390	R

Client ID: **JPE-31**
Site: Diamond Aerosol

Lab Sample ID: **842062**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421876.d
Rear File ID: vr421876.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	190	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **JPE-32**
Site: Diamond Aerosol

Lab Sample ID: **842063**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421877.d
Rear File ID: vr421877.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	ND	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **JPE-33**
Site: Diamond Aerosol

Lab Sample ID: **842064**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421878.d
Rear File ID: vr421878.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **JPE-34**
Site: Diamond Aerosol

Lab Sample ID: **842065**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421881.d
Rear File ID: vr421881.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	190	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **JPE-35**
Site: Diamond Aerosol

Lab Sample ID: **842066**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421884.d
Rear File ID: vr421884.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	1300	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **JPE-36**
Site: Diamond Aerosol

Lab Sample ID: **842067**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421885.d
Rear File ID: vr421885.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	680	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: **JPE-37**
Site: Diamond Aerosol

Lab Sample ID: **842068**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421886.d
Rear File ID: vr421886.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83	R
Aroclor-1221	ND	83	R
Aroclor-1232	ND	83	R
Aroclor-1242	ND	83	R
Aroclor-1248	1000	83	F
Aroclor-1254	ND	83	R
Aroclor-1260	ND	83	R
Aroclor-1262	ND	83	R
Aroclor-1268	ND	83	R

Client ID: **JPE-38**
Site: Diamond Aerosol

Lab Sample ID: **842069**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421887.d
Rear File ID: vr421887.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	170	82	F
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

Client ID: **JPE-39**
Site: Diamond Aerosol

Lab Sample ID: **842070**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421888.d
Rear File ID: vr421888.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 12

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	76	R
Aroclor-1221	ND	76	R
Aroclor-1232	ND	76	R
Aroclor-1242	ND	76	R
Aroclor-1248	ND	76	R
Aroclor-1254	ND	76	R
Aroclor-1260	ND	76	R
Aroclor-1262	ND	76	R
Aroclor-1268	ND	76	R

Client ID: **JPE-40**
Site: Diamond Aerosol

Lab Sample ID: **842071**
Lab Job No: I092

Date Sampled: 06/28/07
Date Received: 06/28/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421889.d
Rear File ID: vr421889.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	82	R
Aroclor-1221	ND	82	R
Aroclor-1232	ND	82	R
Aroclor-1242	ND	82	R
Aroclor-1248	ND	82	R
Aroclor-1254	ND	82	R
Aroclor-1260	ND	82	R
Aroclor-1262	ND	82	R
Aroclor-1268	ND	82	R

General Information

Chain of Custody

L EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE ____ OF ____

Name (for report and invoice): David Buchman	Sampler's Name (Printed): David Buchman	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering Inc.	P.O. # 2078010060801	State (Location of Site): NJ: ☑ NY: ☐ Other:
		Regulatory Program: USEPA
Address: 611 Industrial Way West	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☐	
Phone: 732-380-1700 x1258 Fax: 1701	3 Day ☑ 72hr; Other ☐	

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST): PCBs

LAB USE ONLY: Project No. ____ Job No. I092

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs	Sample Numbers
JPE-1	6/26/07		Soil	1	✓	842032
JPE-2					✓	033
JPE-3					✓	034
JPE-4					✓	035
JPE-5					✓	036
JPE-6					✓	037
JPE-7					✓	038
JPE-8					✓	039
JPE-9					✓	040
JPE-10					✓	041

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other _____, 7 = Other _____

Soil: 1
Water: —

Special Instructions: * 72hr Rush on all Samples

Cooler Temp: 5.3°C

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	6/28/07 15:20	A Tupayach	TestAmerica 6-28-07
2.				
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE ____ OF ____

Name (for report and invoice): David Bachman	Sampler's Name (Printed): David Bachman	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering, Inc.	P.O. #: 207809 000801	State (Location of Site): NJ: ☑ NY: ☐ Other:
		Regulatory Program: USEPA
Address: 611 Industrial way west	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☐ 3 Day ☒ Other ☐ 72hr	
Phone: 732-380-1700 x1258 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST): PCBs

LAB USE ONLY: Project No. ____ Job No. I092

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs	Sample Numbers
JPE-11	6/26/07		Soil	1	✓	842042
JPE-12	↓		↓	↓	✓	043
JPE-13	↓		↓	↓	✓	044
JPE-14	6/27/07		↓	↓	✓	045
JPE-15	↓		↓	↓	✓	046
JPE-16	↓		↓	↓	✓	047
JPE-17	↓		↓	↓	✓	048
JPE-18	↓		↓	↓	✓	049
JPE-19	↓		↓	↓	✓	050
JPE-20	↓		↓	↓	✓	051

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil: 1
Water: —

Special Instructions: *72hr Rush
Cooler Temp: 5.3°C
Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BET	6/28/07 15:20	A Tupayachi	TestAmerica 6-28-07
Relinquished by 2.	Company	Date/Time	Received by	Company
Relinquished by 3.	Company	Date/Time	Received by	Company
Relinquished by 4.	Company	Date/Time	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE ____ OF ____

Name (for report and invoice): David Buchman	Sampler's Name (Printed): David Buchman	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering, Inc.	P.O. # 20780900080 1	State (Location of Site): NJ: ☑ NY: ☐ Other:
		Regulatory Program: USEPA
Address: 611 Industrial Way West	Analysis Turnaround Time: Standard ☐	ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☐ 3 Day ☒ Other ☐ 72hr	
Phone: 732-380-1700 Fax: x 1258 1701		

LAB USE ONLY
Project No.
Job No. L092

Sample Identification	Date	Time	Matrix	No. of Cont.	* ACB	Sample Numbers
JPE-21	6/27/01		Soil	1	✓	842052
JPE-22					✓	053
JPE-23					✓	054
JPE-24					✓	055
JPE-25					✓	056
JPE-26					✓	057
JPE-27					✓	058
JPE-28					✓	059
JPE-29					✓	060
JPE-30					✓	061

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____
Soil: 1
Water: —

Special Instructions *72hr Rush Cooler Temp: 5.3°C Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	6/28/01 15:20	A. Tupayan	TestAmerica 6-28-01
Relinquished by 2.	Company	Date/Time	Received by	Company
Relinquished by 3.	Company	Date/Time	Received by	Company
Relinquished by 4.	Company	Date/Time	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE ____ OF ____

Name (for report and invoice): David Buchman	Sampler's Name (Printed): David Buchman	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering, Inc.	P.O. #: 207809000801	State (Location of Site): NJ: ☑ NY: ☐ Other:
Address: 611 Industrial Way West	Analysis Turnaround Time: Standard ☐	Regulatory Program: USEPA
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☐ 3 Day ☑ Other ☐ 72hr	LAB USE ONLY: Project No.
Phone: 732-380-1700 x1258 Fax: 1701		Job No. I092

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST): PCBs

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs	Sample Numbers
JPE-31	6/28/07		Soil	1	✓	B42062
JPE-32					✓	063
JPE-33					✓	064
JPE-34					✓	065
JPE-35					✓	066
JPE-36					✓	067
JPE-37					✓	068
JPE-38					✓	069
JPE-39					✓	070
JPE-40					✓	071

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: 1
6 = Other _____, 7 = Other _____ — Water: —

Special Instructions 72hr Rush Cooler Temp: 5.3°C Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	6/28/07 15:00	A. Tupayan	TestAmerica 6-28-07
2.				
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: I092 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
842032	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842033	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842034	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842035	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842036	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842037	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842038	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842039	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842040	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842041	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842042	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842043	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842044	6/26/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842045	6/27/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842046	6/27/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842047	6/27/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842048	6/27/2007	6/28/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5558
842049	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/29/2007	Diaz, Carol	5559
842050	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842051	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842052	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842053	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842054	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842055	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842056	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842057	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: I092 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
842058	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842059	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842060	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842061	6/27/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842062	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842063	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842064	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842065	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5559
842066	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5515
842067	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5515
842068	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5515
842069	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5515
842070	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5515
842071	6/28/2007	6/28/2007	6/29/2007	Alinea, Archie	6/30/2007	Diaz, Carol	5515

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

STL

Nonconformance Summary

STL Edison Job Number: I092

Client: Birdsall Engineering, Inc.

Date: 7/9/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy
Project Manager

STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

07/10/2007

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. 1135 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on June 29, 2007.

Lab No.	Client ID	Analysis Required
842470	SAPE-1	PCBs
842471	SAPE-2	PCBs
842472	SAPE-3	PCBs
842473	SAPE-4	PCBs
842474	SAPE-5	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

SEVERN TRENT STL

Analytical Results Summary **1**

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Method 8082 (PCBs) Results Summary 19
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Raw Data 35

This is the Last Page of the Document **65**

Analytical Results Summary

Client ID: **SAPE-1**
Site: Diamond Aerosol

Lab Sample ID: **842470**
Lab Job No: I135

Date Sampled: 06/29/07
Date Received: 06/29/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421932.d
Rear File ID: vr421932.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 8

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	73	R
Aroclor-1221	ND	73	R
Aroclor-1232	ND	73	R
Aroclor-1242	ND	73	R
Aroclor-1248	ND	73	R
Aroclor-1254	ND	73	R
Aroclor-1260	ND	73	R
Aroclor-1262	ND	73	R
Aroclor-1268	ND	73	R

Client ID: **SAPE-2**
Site: Diamond Aerosol

Lab Sample ID: **842471**
Lab Job No: I135

Date Sampled: 06/29/07
Date Received: 06/29/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421933.d
Rear File ID: vr421933.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	ND	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **SAPE-3**
Site: Diamond Aerosol

Lab Sample ID: **842472**
Lab Job No: I135

Date Sampled: 06/29/07
Date Received: 06/29/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421934.d
Rear File ID: vr421934.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 10

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	74	R
Aroclor-1221	ND	74	R
Aroclor-1232	ND	74	R
Aroclor-1242	ND	74	R
Aroclor-1248	ND	74	R
Aroclor-1254	ND	74	R
Aroclor-1260	ND	74	R
Aroclor-1262	ND	74	R
Aroclor-1268	ND	74	R

Client ID: **SAPE-4**
Site: Diamond Aerosol

Lab Sample ID: **842473**
Lab Job No: I135

Date Sampled: 06/29/07
Date Received: 06/29/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421935.d
Rear File ID: vr421935.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 6

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	71	R
Aroclor-1221	ND	71	R
Aroclor-1232	ND	71	R
Aroclor-1242	ND	71	R
Aroclor-1248	ND	71	R
Aroclor-1254	ND	71	R
Aroclor-1260	ND	71	R
Aroclor-1262	ND	71	R
Aroclor-1268	ND	71	R

Client ID: **SAPE-5**
Site: Diamond Aerosol

Lab Sample ID: **842474**
Lab Job No: I135

Date Sampled: 06/29/07
Date Received: 06/29/07
Date Extracted: 06/29/07
Date Analyzed: 06/30/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf421936.d
Rear File ID: vr421936.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 12

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	76	R
Aroclor-1221	ND	76	R
Aroclor-1232	ND	76	R
Aroclor-1242	ND	76	R
Aroclor-1248	ND	76	R
Aroclor-1254	ND	76	R
Aroclor-1260	ND	76	R
Aroclor-1262	ND	76	R
Aroclor-1268	ND	76	R

General Information

Chain of Custody

STL EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 1 OF 1

Name (for report and invoice): David Buchman	Sampler's Name (Printed): David Buchman	Site/Project Identification: Dismuke Aerosol
Company: Birdsall Engineering, Inc.	P.O. #: 2078090008 01	State (Location of Site): NJ: ☑ NY: ☐ Other:
		Regulatory Program: USEPA
Address: 611 Industrial way west	Analysis Turnaround Time: Standard ☐	ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)
City: Eatontown State: NJ Zip: 07724	Rush Charges Authorized For: 1 Week ☐	LAB USE ONLY: Project No.
Phone: 732-380-1700 x1258 Fax: 1701	3 Day ☒ Other ☐ 72hr	Job No. I135

Sample Identification	Date	Time	Matrix	No. of Cont.	* PCBs	Sample Numbers
SAPE-1	6/29/07		Soil	1	✓	8/2470
SAPE-2	↓		↓	↓	✓	471
SAPE-3					✓	472
SAPE-4					✓	473
SAPE-5					✓	474

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:	1
Water:	—

Special Instructions * 72hr Rush Cooler Temp: 5°C Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	6/29/07 14:05	A. Tupayoh	TestAmerica 6-29-07
Relinquished by 2.	Company	Date/Time	Received by	Company
Relinquished by 3.	Company	Date/Time	Received by	Company
Relinquished by 4.	Company	Date/Time	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: I135 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
842470	6/29/2007	6/29/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5517
842471	6/29/2007	6/29/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5517
842472	6/29/2007	6/29/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5517
842473	6/29/2007	6/29/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5517
842474	6/29/2007	6/29/2007	6/29/2007	Sheth, Chintan	6/30/2007	Diaz, Carol	5517

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

STL

Nonconformance Summary

STL Edison Job Number: I135

Client: Birdsall Engineering, Inc.

Date: 7/9/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy

Project Manager

STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

07/31/2007

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

Laboratory Results
Job No. I832 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on July 19, 2007.

Lab No.	Client ID	Analysis Required
846726	OE1-1	PCBs
846727	OE1-2	PCBs
846728	OE1-3	PCBs
846729	OE1-4	PCBs
846730	OE1-B	PCBs
846731	OE2-1	PCBs
846732	OE2-2	PCBs
846733	OE2-3	PCBs
846734	OE2-4	PCBs
846735	OE2-B	PCBs
846736	OE3-1	PCBs
846737	OE3-2	PCBs
846738	OE3-3	PCBs
846739	OE3-4	PCBs
846740	OE3-5	PCBs
846741	OE3-B1	PCBs
846742	OE3-B2	PCBs

STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel: 732 549 3900 Fax: 732 549 3679
www.stl-inc.com

Laboratory Results
Job No. I832 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
846743	OE1-4DUP	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

Leaders in Environmental Testing

ACCREDITED IN ACCORDANCE WITH nelac

SEVERN TRENT STL

Analytical Results Summary 1

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Raw Data 66

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Analytical Results Summary

Client ID: **OE1-1**
Site: Diamond Aerosol

Lab Sample ID: **846726**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062784.d
Rear File ID: qr062784.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	110	79	F
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **OE1-2**
Site: Diamond Aerosol

Lab Sample ID: **846727**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062787.d
Rear File ID: qr062787.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	200	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **OE1-3**
Site: Diamond Aerosol

Lab Sample ID: **846728**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062788.d
Rear File ID: qr062788.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	250	78	F
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **OE1-4**
Site: Diamond Aerosol

Lab Sample ID: **846729**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062789.d
Rear File ID: qr062789.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	110	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **OE1-B**
Site: Diamond Aerosol

Lab Sample ID: **846730**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062790.d
Rear File ID: qr062790.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	140	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **OE2-1**
Site: Diamond Aerosol

Lab Sample ID: **846731**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062791.d
Rear File ID: qr062791.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **OE2-2**
Site: Diamond Aerosol

Lab Sample ID: **846732**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/23/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062862.d
Rear File ID: qr062862.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	80	R
Aroclor-1221	ND	80	R
Aroclor-1232	ND	80	R
Aroclor-1242	ND	80	R
Aroclor-1248	ND	80	R
Aroclor-1254	ND	80	R
Aroclor-1260	ND	80	R
Aroclor-1262	ND	80	R
Aroclor-1268	ND	80	R

Client ID: **OE2-3**
Site: Diamond Aerosol

Lab Sample ID: **846733**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062793.d
Rear File ID: qr062793.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **OE2-4**
Site: Diamond Aerosol

Lab Sample ID: **846734**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062794.d
Rear File ID: qr062794.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	100	81	F
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **OE2-B**
Site: Diamond Aerosol

Lab Sample ID: **846735**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062795.d
Rear File ID: qr062795.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	84	R
Aroclor-1221	ND	84	R
Aroclor-1232	ND	84	R
Aroclor-1242	ND	84	R
Aroclor-1248	110	84	R
Aroclor-1254	ND	84	R
Aroclor-1260	ND	84	R
Aroclor-1262	ND	84	R
Aroclor-1268	ND	84	R

Client ID: **OE3-1**
Site: Diamond Aerosol

Lab Sample ID: **846736**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062796.d
Rear File ID: qr062796.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **OE3-2**
Site: Diamond Aerosol

Lab Sample ID: **846737**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062797.d
Rear File ID: qr062797.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	81	R
Aroclor-1221	ND	81	R
Aroclor-1232	ND	81	R
Aroclor-1242	ND	81	R
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R
Aroclor-1260	ND	81	R
Aroclor-1262	ND	81	R
Aroclor-1268	ND	81	R

Client ID: **OE3-3**
Site: Diamond Aerosol

Lab Sample ID: **846738**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062798.d
Rear File ID: qr062798.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	ND	78	R
Aroclor-1254	850	78	F
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **OE3-4**
Site: Diamond Aerosol

Lab Sample ID: **846739**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062799.d
Rear File ID: qr062799.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 10

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	75	R
Aroclor-1221	ND	75	R
Aroclor-1232	ND	75	R
Aroclor-1242	ND	75	R
Aroclor-1248	250	75	R
Aroclor-1254	ND	75	R
Aroclor-1260	ND	75	R
Aroclor-1262	ND	75	R
Aroclor-1268	ND	75	R

Client ID: **OE3-5**
Site: Diamond Aerosol

Lab Sample ID: **846740**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062800.d
Rear File ID: qr062800.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	1400	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **OE3-B1**
Site: Diamond Aerosol

Lab Sample ID: **846741**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062804.d
Rear File ID: qr062804.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	660	79	F
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **OE3-B2**
Site: Diamond Aerosol

Lab Sample ID: **846742**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062805.d
Rear File ID: qr062805.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

Client ID: **OE1-4DUP**
Site: Diamond Aerosol

Lab Sample ID: **846743**
Lab Job No: I832

Date Sampled: 07/18/07
Date Received: 07/19/07
Date Extracted: 07/20/07
Date Analyzed: 07/21/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf062806.d
Rear File ID: qr062806.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 15

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	79	R
Aroclor-1221	ND	79	R
Aroclor-1232	ND	79	R
Aroclor-1242	ND	79	R
Aroclor-1248	ND	79	R
Aroclor-1254	ND	79	R
Aroclor-1260	ND	79	R
Aroclor-1262	ND	79	R
Aroclor-1268	ND	79	R

General Information

Chain of Custody

ST. EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): David Bachman	Sampler's Name (Printed): David Bachman	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering, Inc.	P.O. #: 207809000801	State (Location of Site): NJ: ☑ NY: ☐ Other:
		Regulatory Program: USEPA
Address: 611 Industrial Way West	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07753	Rush Charges Authorized For: 1 Week ☐ 3 Day ☐ Other ☒ 72hr*	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No.
Job No. I832

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs*	Sample Numbers
OE1-1	7/18/07		Soil	1	✓	846726
OE1-2					✓	846727
OE1-3					✓	846728
OE1-4					✓	846729
OE1-B					✓	846730
OE2-1					✓	846731
OE2-2					✓	846732
OE2-3					✓	846733
OE2-4					✓	846734
OE2-B					✓	846735

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil: 1
Water: –

Special Instructions 72hr Rush on all Samples Cooler Temp: 3 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	~~7/18/07~~ 07.19.07 08:45	[signature]	Test America Inc
2. [signature]	Test America Inc	07.19.07 10:50	[signature]	Test America
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

ST_ EDISON
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): David Backman	Sampler's Name (Printed): David Backman	Site/Project Identification: Diamond Aerosol
Company: Birdsall Engineering, Inc.	P.O. #: 20780900801	State (Location of Site): NJ: ☑ NY: ☐ Other:
		Regulatory Program: USEPA
Address: 611 Industrial way west	Analysis Turnaround Time: Standard ☐	
City: Eatontown State: NJ Zip: 07753	Rush Charges Authorized For: 1 Week ☐ 3 Day ☐ Other ☒ 72hr	
Phone: 732-380-1700 Fax: 1701		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST): PCBs

LAB USE ONLY: Project No. ____ Job No. I832

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs	Sample Numbers
OE3-1	7/18/07		Soil	1	✓	846736
OE3-2	↓		↓	↓	✓	846737
OE3-3	↓		↓	↓	✓	846738
OE3-4	↓		↓	↓	✓	846739
OE3-5	↓		↓	↓	✓	846740
OE3-B1	↓		↓	↓	✓	846741
OE3-B2	↓		↓	↓	✓	846742
OE1-4DUP	↓		↓	↓	✓	846743

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil: 1
Water: —

Special Instructions _____ Cooler Temp: 2 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date/Time	Received by	Company
1. [signature]	BEI	7/18/07 0845	[signature]	Test America Inc.
2. [signature]	Test America Inc.	07.19.07 10:5	[signature]	Test America
3.				
4.				

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

ST-6003

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: I832 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
846726	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846727	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846728	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846729	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846730	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846731	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846732	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/23/2007	Diaz, Carol	5664
846733	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846734	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846735	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846736	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846737	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846738	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846739	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846740	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846741	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846742	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664
846743	7/18/2007	7/19/2007	7/20/2007	Alinea, Archie	7/21/2007	Diaz, Carol	5664

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

STL

Nonconformance Summary

STL Edison Job Number: I832

Client: Birdsall Engineering, Inc.

Date: 7/31/2007

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technica
for completeness, for other than the conditions detailed above. Release of the data contained in this packag
been authorized by the Laboratory Director or their designee, as verified
by the following signature.

David R. Lissy

David Lissy
Project Manager

Mar 04, 2008

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. Q986 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on February 19, 2008.

Lab No.	Client ID	Analysis Required
899645	Waste_Class-1-2008	RCRA Characteristics
		PP VOA+10
		PP BN+15
		DRO
		PP Pest/PCB
		PP Metals
		TCLP Metals
899646	Grab-1	DRO
899647	Grab-2	DRO

This report is not to be reproduced, except in full, without the written approval of the laboratory.

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

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Analytical Results Summary

Client ID: **Class-1-2008**
Site: Diamond Aerosol

Lab Sample No: **899645**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Analyzed: 02/20/08
GC Column: Rtx-VMS
Instrument ID: VOAMS9.i
Lab File ID: k68079.d

Matrix: SOIL
Level: HIGH
Sample Weight: 9.5 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 21

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	840
Bromomethane	ND	840
Vinyl Chloride	ND	840
Chloroethane	ND	840
Methylene Chloride	ND	500
Trichlorofluoromethane	ND	840
1,1-Dichloroethene	ND	330
1,1-Dichloroethane	ND	840
trans-1,2-Dichloroethene	ND	840
cis-1,2-Dichloroethene	ND	840
Chloroform	ND	840
1,2-Dichloroethane	ND	330
1,1,1-Trichloroethane	ND	840
Carbon Tetrachloride	ND	330
Bromodichloromethane	ND	170
1,2-Dichloropropane	ND	170
cis-1,3-Dichloropropene	ND	840
Trichloroethene	ND	170
Dibromochloromethane	ND	840
1,1,2-Trichloroethane	ND	500
Benzene	ND	170
trans-1,3-Dichloropropene	ND	840
2-Chloroethyl Vinyl Ether	ND	840
Bromoform	ND	670
Tetrachloroethene	ND	170
1,1,2,2-Tetrachloroethane	ND	170
Toluene	ND	840
Chlorobenzene	ND	840
Ethylbenzene	ND	670
Xylene (Total)	ND	840

Client ID: **Class-1-2008**
Site: Diamond Aerosol

Lab Sample No: **899645**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Analyzed: 02/20/08
GC Column: Rtx-VMS
Instrument ID: VOAMS9.i
Lab File ID: k68079.d

Matrix: SOIL
Level: HIGH
Sample Weight: 9.5 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 21.4

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **Class-1-2008**
Site: Diamond Aerosol

Lab Sample No: **899645**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/21/08
Date Analyzed: 02/22/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m33110.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
N-Nitrosodimethylamine	ND	420
bis(2-Chloroethyl)ether	ND	42
1,3-Dichlorobenzene	ND	420
1,4-Dichlorobenzene	ND	420
1,2-Dichlorobenzene	ND	420
bis(2-chloroisopropyl)ether	ND	420
N-Nitroso-di-n-propylamine	ND	42
Hexachloroethane	ND	42
Nitrobenzene	ND	42
Isophorone	ND	420
bis(2-Chloroethoxy)methane	ND	420
1,2,4-Trichlorobenzene	ND	42
Naphthalene	ND	420
Hexachlorobutadiene	ND	85
Hexachlorocyclopentadiene	ND	420
2-Chloronaphthalene	ND	420
Dimethylphthalate	ND	420
Acenaphthylene	ND	420
2,6-Dinitrotoluene	ND	85
Acenaphthene	ND	420
2,4-Dinitrotoluene	ND	85
Diethylphthalate	ND	420
4-Chlorophenyl-phenylether	ND	420
Fluorene	ND	420
N-Nitrosodiphenylamine	ND	420
4-Bromophenyl-phenylether	ND	420
Hexachlorobenzene	ND	42
Phenanthrene	ND	420
Anthracene	ND	420
Di-n-butylphthalate	ND	420
Fluoranthene	10 J	420
Pyrene	12 J	420
Benzidine	ND	850
Butylbenzylphthalate	ND	420

Client ID: **Class-1-2008**
Site: Diamond Aerosol

Lab Sample No: **899645**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/21/08
Date Analyzed: 02/22/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m33110.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
3,3'-Dichlorobenzidine	ND	850
Benzo(a)anthracene	ND	42
Chrysene	ND	420
bis(2-Ethylhexyl)phthalate	ND	420
Di-n-octylphthalate	ND	420
Benzo(b)fluoranthene	ND	42
Benzo(k)fluoranthene	ND	42
Benzo(a)pyrene	ND	42
Indeno(1,2,3-cd)pyrene	ND	42
Dibenz(a,h)anthracene	ND	42
Benzo(g,h,i)perylene	ND	420

Client ID: **Class-1-2008**
Site: Diamond Aerosol

Lab Sample No: **899645**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/21/08
Date Analyzed: 02/22/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m33110.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21.4

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **Class-1-2008**
Site: Diamond Aerosol

Lab Sample No: **899645**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Analyzed: 02/21/08
GC Column: RTX-5MS
Instrument ID: BNAGC1.i
Lab File ID: gcf18815.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21.4

DIESEL RANGE ORGANICS - GC/FID
(DRO)

Parameter	Analytical Results Units: mg/kg (Dry Weight)	Quantitation Limit Units: mg/kg
Total DRO	10.5	8.5

Client ID: Grab-1
Site: Diamond Aerosol

Lab Sample No: 899646
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Analyzed: 02/21/08
GC Column: RTX-5MS
Instrument ID: BNAGC1.i
Lab File ID: gcf18817.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 20.1

DIESEL RANGE ORGANICS - GC/FID (DRO)

Parameter	Analytical Results Units: mg/kg (Dry Weight)	Quantitation Limit Units: mg/kg
Total DRO	ND	8.3

Client ID: **Grab-2**
Site: Diamond Aerosol

Lab Sample No: **899647**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Analyzed: 02/21/08
GC Column: RTX-5MS
Instrument ID: BNAGC1.i
Lab File ID: gcf18818.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19.3

DIESEL RANGE ORGANICS - GC/FID (DRO)

Parameter	Analytical Results Units: mg/kg (Dry Weight)	Quantitation Limit Units: mg/kg
Total DRO	15.1	8.3

Client ID: **Class-1-2008**
Site: Diamond Aerosol

Lab Sample ID: **899645**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/20/08
Date Analyzed: 02/21/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC5.i
Front File ID: pf037436.d
Rear File ID: pr037436.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PESTICIDES - GC/ECD
METHOD 8081A

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aldrin	ND	8.5	R
alpha-BHC	ND	8.5	R
beta-BHC	ND	8.5	R
delta-BHC	ND	8.5	R
gamma-BHC (Lindane)	ND	8.5	R
Chlordane	ND	85	R
4,4'-DDD	ND	8.5	R
4,4'-DDE	ND	8.5	R
4,4'-DDT	ND	8.5	R
Dieldrin	ND	8.5	R
Endosulfan I	ND	8.5	R
Endosulfan II	ND	8.5	R
Endosulfan sulfate	ND	8.5	R
Endrin	ND	8.5	R
Endrin aldehyde	ND	8.5	R
Heptachlor	ND	8.5	R
Heptachlor epoxide	ND	8.5	R
Toxaphene	ND	85	R

Client ID: **Class-1-2008**
Site: Diamond Aerosol

Lab Sample ID: **899645**
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08
Date Extracted: 02/20/08
Date Analyzed: 02/20/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC7.i
Front File ID: of057046.d
Rear File ID: or057046.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	290	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: **Class-1-2008**
Site: **Diamond Aerosol**

Lab Sample No: 899645
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08

Matrix: SOLID
Level: LOW
% Moisture: 21.4

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Antimony	ND	1.5	N	P
Arsenic	3.4	0.81		P
Beryllium	1.2	0.076		P
Cadmium	ND	0.10		P
Chromium	49.9	0.41		P
Copper	31.2	0.94		P
Lead	16.9	0.69		P
Mercury	0.08	0.021		CV
Nickel	19.5	0.61		P
Selenium	ND	1.1		P
Silver	ND	0.36		P
Thallium	ND	1.2		P
Zinc	96.7	1.5		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **Class-1-2008**
Site: **Diamond Aerosol**

Lab Sample No: 899645
Lab Job No: Q986

Date Sampled: 02/19/08
Date Received: 02/19/08

Matrix: LEACHATE
Level: LOW

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

METALS ANALYSIS

Analyte	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Instrument Detection Limit	Qual	M
Arsenic	ND	5.0	0.024		P
Barium	0.39	100.0	0.0075	B	P
Cadmium	ND	1.0	0.0030		P
Chromium	ND	5.0	0.015		P
Lead	ND	5.0	0.013		P
Mercury	ND	0.2	0.00010		CV
Selenium	ND	1.0	0.025		P
Silver	ND	5.0	0.013		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Lab Job No: Q986
Matrix: SOIL

Site: Diamond Aerosol
QA Batch: 3332

Corrosivity (pH)

Lab ID	Client ID	Date Sampled	Date Analyzed	Percent Moisture	DF	Analytical Result Units: std units	Reporting Limit Units: std units
899645	Class-1-2008	02/19/08	02/20/08	21.4	1.0	5.69	0.00*

* Reported RL is adjusted for Dilution Factor and/or Percent Moisture.

** The unadjusted RL for Corrosivity (pH) = 0.0 std units.

Lab Job No: Q986

Matrix: SOIL

Site: Diamond Aerosol

QA Batch: 2112

Ignitability

Lab ID	Client ID	Date Sampled	Date Analyzed	Percent Moisture	DF	Analytical Result	Reporting Limit
899645	Class-1-2008	02/19/08	02/20/08	21.4	1.0	Non-Ignitable	0.00*

* Reported RL is adjusted for Dilution Factor and/or Percent Moisture.

** The unadjusted RL for Ignitability = 0.0 mm/sec.

Lab Job No: Q986

Matrix: SOIL

Site: Diamond Aerosol

QA Batch: 2003

Reactive Cyanide

Lab ID	Client ID	Date Sampled	Date Extracted	Date Analyzed	Percent Moisture	DF	Analytical Result Units: mg/kg	Reporting Limit Units: mg/kg
899645	Class-1-2008	02/19/08	02/20/08	02/20/08	21.4	2.0	ND	50.00*

* Reported RL is adjusted for Dilution Factor and/or Percent Moisture.

** The unadjusted RL for Reactive Cyanide = 25.0 mg/kg.

Lab Job No: Q986

Matrix: SOIL

Site: Diamond Aerosol

QA Batch: 2010

Reactive Sulfide

Lab ID	Client ID	Date Sampled	Date Extracted	Date Analyzed	Percent Moisture	DF	Analytical Result Units: mg/kg	Reporting Limit Units: mg/kg
899645	Class-1-2008	02/19/08	02/20/08	02/20/08	21.4	2.0	ND	40.00*

* Reported RL is adjusted for Dilution Factor and/or Percent Moisture.

** The unadjusted RL for Reactive Sulfide = 20.0 mg/kg.

General Information

Chain of Custody

Q986

Chain of Custody Record

Temperature on Receipt 1°C IR68

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Birdsall Engineering, Inc.	Project Manager: David Bactman	Date: 2/19/08	Chain of Custody Number: 054954
Address: 611 Industrial Way West	Telephone Number (Area Code)/Fax Number: 732-380-1700x1258 / 732-380-1701	Lab Number:	Page 1 of 1
City: Eatontown; State: NJ; Zip Code: 07724	Site Contact: Dave Bactman; Lab Contact: Dave Lissy		
Project Name and Location (State): Diamond Aerosol / Glen Gardner	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 207809000801			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Meth	VOA+10 (8260)	BN+15 (8270)	Pest/PCBs	RCRA Characteristics	Total metals	TCLP metals	TPHC-DRO	Special Instructions/ Conditions of Receipt
																					Q986
Waste Class-1-2008	2/19/08					✓							✓	✓	✓	✓	✓	✓	✓	✓	899645
Grab-1	↓					✓	✓													✓	↓ 646
Grab-2	↓					✓	✓													✓	↓ 647

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other 72hr per D. Lissy

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature] / BEI	2/19/08	1513	1. Received By: [signature]	2/19/08	1513
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: Q986 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

VOAMS

SOLID - 8260B

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
899645	2/19/2008	2/19/2008			2/20/2008	Zhang, Yannong	2812

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: Q986 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

BNAMS

SOLID - 8270C

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
899645	2/19/2008	2/19/2008	2/21/2008	Borreo, Jeffrey	2/22/2008	Zhao,Chunxin	6852

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: Q986 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

BNAGC

DROs

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
899645	2/19/2008	2/19/2008	2/20/2008	Alinea, Archie	2/21/2008	Diaz, Carol	6858
899646	2/19/2008	2/19/2008	2/20/2008	Alinea, Archie	2/21/2008	Diaz, Carol	6858
899647	2/19/2008	2/19/2008	2/20/2008	Alinea, Archie	2/21/2008	Diaz, Carol	6858

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: Q986 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8081A

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
899645	2/19/2008	2/19/2008	2/20/2008	Borreo, Jeffrey	2/21/2008	Haitmanek, Christine	6629

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: Q986 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
899645	2/19/2008	2/19/2008	2/20/2008	Tanico, Thomas	2/20/2008	Masters, Melissa	6632

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: Q986 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc. **Date Sampled:** 2/19/2008

Sample No.: 899645 **Date Received:** 2/19/2008

Matrix: SOLID

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	2/21/2008	Sheikh, Razia	2/21/2008	Sheikh, Razia	24071
TCLP MERCURY	2/21/2008	Racin, Brian	2/21/2008	Racin, Brian	24074
ANTIMONY	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
ARSENIC	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
BERYLLIUM	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
CADMIUM	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
CHROMIUM	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
COPPER	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
LEAD	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
NICKEL	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
SELENIUM	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
SILVER	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
THALLIUM	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
ZINC	2/21/2008	Sanagavarapu, Suguna	2/21/2008	Chang, Churnder	24071
TCLP ARSENIC	2/21/2008	Yang, Qin	2/22/2008	Polidori, Michael	24074
TCLP BARIUM	2/21/2008	Yang, Qin	2/22/2008	Polidori, Michael	24074
TCLP CADMIUM	2/21/2008	Yang, Qin	2/22/2008	Polidori, Michael	24074
TCLP CHROMIUM	2/21/2008	Yang, Qin	2/22/2008	Polidori, Michael	24074
TCLP LEAD	2/21/2008	Yang, Qin	2/22/2008	Polidori, Michael	24074
TCLP SELENIUM	2/21/2008	Yang, Qin	2/22/2008	Polidori, Michael	24074
TCLP SILVER	2/21/2008	Yang, Qin	2/22/2008	Polidori, Michael	24074

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: Q986 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

WET CHEM

1030 IGNITABILITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
899645	2/19/2008	2/19/2008			2/20/2008	Bravo, Marie	2112

CN REACTIVITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
899645	2/19/2008	2/19/2008	2/20/2008	Bravo, Marie	2/20/2008	Bravo, Marie	2003

CORROSIVITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
899645	2/19/2008	2/19/2008			2/20/2008	Bravo, Marie	3332

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: Q986 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

WET CHEM

S REACTIVITY

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
899645	2/19/2008	2/19/2008	2/20/2008	Bravo, Marie	2/20/2008	Bravo, Marie	2010

TCLP PREP

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
899645	2/19/2008	2/19/2008			2/21/2008	Zhang, Xiufeng	

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS máss spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

ORGANIC DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than or equal to the method detectior limit. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

ND/U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Practical Quantitation Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.

M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.

N - The spiked sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

* - Duplicate Analysis is not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.

\+ - Correlation coefficient for MSA is less than 0.995.

M Column - Method Qualifiers

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).

A - Flame Atomic Absorption Spectroscopy (FAA).

F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).

CV - Cold Vapor Atomic Absorption Spectroscopy.

Non-Conformance Summary

TestAmerica

Nonconformance Summary

TestAmerica Edison Job # : Q986

Client: Birdsall Engineering, Inc.

Date: 3/3/2008

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

All data conforms with method requirements.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

All data conforms with method requirements.

Nonhalogenated Organic Analysis (GC/FID):

All data conforms with method requirements.

Pesticides/PCBs:

Pesticide sample 899645: The ending calibration bracket for DDE & Endosulfan I failed (biased low on the primary column, but within Q.C. limits on the confirmatory). These compounds are not detected in these samples. All data reported without qualifiers

Metals:

Antimony Matrix Spike recovery is outside Q.C. limits. Q.C. failure attributed to matrix interference (LCS/Blank spike recoveries are within Q.C. limits).

Wet Chemistry:

Reactive Cyanide spike recovery biased low (low recovery expected with this test procedure.)

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy

Project Manager

Mar 31, 2008

Birdsall Engineering, Inc.
611 Industrial Way West
Eatontown, NJ 07724-2213

Attention: Mr. David Backman

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. R624 - Diamond Aerosol

Dear Mr. Backman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 6, 2008.

Lab No.	Client ID	Analysis Required
903073	OEA22-N	PCBs
903074	OEA22-E	PCBs
903075	OEA22-S	PCBs
903076	OEA22-W	PCBs
903077	OEA22-B	PCBs
903078	OEA3_R-W	PCBs
903079	OEA3_R-E	PCBs
903080	OEA3_R-B	PCBs
903081	StagingArea-1	PCBs
903082	StagingArea-2	PCBs

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777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
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www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. R624 - Diamond Aerosol (cont'd)

Lab No.	Client ID	Analysis Required
903083	StagingArea-3	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

David R. Lissy

David Lissy
Project Manager

Analytical Results Summary 1

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Analytical Sequence 51
Raw Data 54

This is the Last Page of the Document 130

Analytical Results Summary

Client ID: **OEA22-N**
Site: Diamond Aerosol

Lab Sample ID: **903073**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428118.d
Rear File ID: vr428118.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 23

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	86	R

Client ID: **OEA22-E**
Site: Diamond Aerosol

Lab Sample ID: **903074**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428121.d
Rear File ID: vr428121.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 24

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	88	R

Client ID: **OEA22-S**
Site: Diamond Aerosol

Lab Sample ID: **903075**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428122.d
Rear File ID: vr428122.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	82	R

Client ID: **OEA22-W**
Site: Diamond Aerosol

Lab Sample ID: **903076**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428123.d
Rear File ID: vr428123.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	86	R

Client ID: **OEA22-B**
Site: Diamond Aerosol

Lab Sample ID: **903077**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428124.d
Rear File ID: vr428124.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 23

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	87	R

Client ID: **OEA3_R-W**
Site: Diamond Aerosol

Lab Sample ID: **903078**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/11/08
Date Analyzed: 03/12/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428212.d
Rear File ID: vr428212.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	200	84	R

Client ID: **OEA3_R-E**
Site: Diamond Aerosol

Lab Sample ID: **903079**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428126.d
Rear File ID: vr428126.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 18

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	81	R
Aroclor-1254	ND	81	R

Client ID: **OEA3_R-B**
Site: Diamond Aerosol

Lab Sample ID: **903080**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428127.d
Rear File ID: vr428127.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	84	R
Aroclor-1254	ND	84	R

Client ID: **StagingArea-1**
Site: Diamond Aerosol

Lab Sample ID: **903081**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428128.d
Rear File ID: vr428128.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 13

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	77	R

Client ID: **StagingArea-2**
Site: Diamond Aerosol

Lab Sample ID: **903082**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428129.d
Rear File ID: vr428129.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	78	R

Client ID: **StagingArea-3**
Site: Diamond Aerosol

Lab Sample ID: **903083**
Lab Job No: R624

Date Sampled: 03/06/08
Date Received: 03/06/08
Date Extracted: 03/07/08
Date Analyzed: 03/10/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf428130.d
Rear File ID: vr428130.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 17

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1248	ND	81	R

General Information

Chain of Custody

R624-Revised

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt 1°C F268

Drinking Water? Yes ☐ No ☐ N/A

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

R624

Client: Cardsall Engineering Inc.	Project Manager: David Badiman	Date: 3/6/08	Chain of Custody Number: 056658
Address: 611 Industrial way west	Telephone Number (Area Code)/Fax Number: 732 380 1700 x1258	Lab Number:	Page ____ of ____
City: Eatontown; State: NJ; Zip Code: 07753	Site Contact: Dave Badiman; Lab Contact: Dave Lissy		
Project Name and Location (State): Diamond Aerosol	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Analysis (Attach list if more space is needed): PCBs/Aroclor 1248 only

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Fe	PCBs/Aroclor 1248 only	Special Instructions/ Conditions of Receipt
Staging Area -1	3/6/08					✓	✓						✓	✓	903081
Staging Area -2	↓					✓	✓						✓	✓	082
Staging Area -3	↓					✓	✓						✓	✓	↓ 083

DFB

DFB

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 72hr Rush

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/6/08	03/06/08	1. Received By: [signature]	03/06/08	1340
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: Please Bill Diamond Aerosol Directly / 72hr Turn on all Results / Send Results to BFI

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

R624 -Revised

Chain of Custody Record

Temperature on Receipt 10c IR66

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

R624

TAL-4124 (1007)

Client: Birdsall Engineering, Inc.	Project Manager: David Buchman	Date: 3/6/08	Chain of Custody Number: 056657
Address: 611 Industrial way west	Telephone Number (Area Code)/Fax Number: 732-380-1700 X1258	Lab Number	Page ____ of ____
City: Eatontown; State: NJ; Zip Code: 07753	Site Contact: Dave Buchman	Lab Contact: Dave Lissy	
Project Name and Location (State): Diamond Aerosol	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed): PCBs (Aroclor 1248 only!)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TLE	PCBs (Aroclor 1248 only!)	Special Instructions/ Conditions of Receipt
OFA22-N	3/6/08					✓	✓						✓	✓	903073
OFA22-E						✓	✓						✓	✓	074
OFA22-S						✓	✓						✓	✓	075
OFA22-W						✓	✓						✓	✓	076
OFA22-B						✓	✓						✓	✓	077
OFA3/R-W						✓	✓						✓	✓	078
OFA3/R-E						✓	✓						✓	✓	079
OFA3/R-B						✓	✓						✓	✓	080

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other 72hr per Dave Lissy

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/6/08	1340	1. Received By	03/06/08	1340
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: Please Bill Diamond Aerosol Directly / 72hr Turn on all Results / Send Results to BEI

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Edison

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: R624 **Site:** Diamond Aerosol

Client: Birdsall Engineering, Inc.

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
903073	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903074	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903075	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903076	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903077	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903078	3/6/2008	3/06/2008	3/11/2008	Borreo, Jeffrey	3/12/2008	Diaz, Carol	6691
903079	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903080	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903081	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903082	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691
903083	3/6/2008	3/06/2008	3/7/2008	Staib, Thomas	3/10/2008	Diaz, Carol	6691

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

TestAmerica

Nonconformance Summary

TestAmerica Edison Job # : R624

Client: Birdsall Engineering, Inc.

Date: 3/20/2008

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

PCB QA batch 6691: MS/MSD RPD for Arolcor-1016 & Arolcor-1260 are biased high.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

David R. Lissy

David Lissy

Project Manager