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INTERIM REMEDIAL MEASURE REMEDIAL ACTION COMPLETION REPORT

**Rensselaer Facility
Rensselaer, New York**

Prepared for:

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1.0 INTRODUCTION

On behalf of BASF Corporation (BASF), Remedial Engineering, P.C. (Remedial Engineering) and Roux Associates, Inc. (Roux Associates) has prepared this Interim Remedial Measure (IRM) Remedial Action Completion Report (RACR) to document the Soil and Process Buildings Interim performed at the BASF, Rensselaer facility (Figure 1), Rensselaer, New York (Site No. 442027). The IRM was performed within the limits of the Manufacturing Plant Parcel (Figure 2) of the BASF, Rensselaer facility (Site as shown on Figure 3).

Remedial activities were performed from July 15, 2002 to May 31, 2005 in accordance with the Soil IRM Plan (Roux Associates, 2002b), the Process Building IRM Plan (Roux Associates, 2002a), the Remedial Design/Remedial Action (RD/RA) Work Plan for the North Lagoon and Area 4C Remediation (Roux Associates, 2003b), the Final Supporting Technical Documents for Rensselaer Remediation (Roux Associates, 2002c), the New York State Department of Environmental Conservation (NYSDEC) IRM approval letter dated April 29, 2002 (NYSDEC, 2002), and the Order on Consent for the Remedial Action (Index No. A4-0345-96-07) effective February 24, 1998 (NYSDEC, 1998).

The IRMs generally consisted of excavation and offsite disposal of impacted material. In accordance with the Soil IRM Plan, a total of four areas (Area 1 within Area of Concern [AOC] 1, Area 2 within AOC 2 and Areas 4A and 4B within AOC 4) were remediated (Figure 4). Area 4C within AOC 4 was remediated separately as part of the North Lagoon and Area 4C remediation program performed in 2005. The construction tasks performed as part of the collective remediation of AOCs 1, 2 and 4 are discussed in Section 3.0.

In accordance with the Process Building IRM Plan, the basements of Process Buildings 84, 87 and 93, also shown on Figure 4, were remediated. The construction tasks performed as part of the remediation of these AOCs are further discussed in Section 4.0.

1.1 Facility Background

This section presents a brief description of the results of the Remedial Investigation (RI) of the Main Plant (OU-1) that indicated the need for remediation. A more complete description and a Site history are presented in the Remedial Investigation and Supplemental Remedial

Investigation Report (Roux Associates, 2000), and the Additional Remedial Investigation Activities Report (Roux Associates, 2001b).

1.1.1 Facility Description

The BASF Rensselaer facility is located in an industrial area of Rensselaer, Rensselaer County, New York. The BASF property consists of an approximate 80-acre parcel of land that is separated into four areas that are commonly referred to as the Main Plant and Lagoon Area, Closed Landfill, Warehouse Building (Building 39) and South 40 (Figure 2). Three of these areas are listed in the NYSDEC Registry of Inactive Hazardous Waste Disposal Sites: The Main Plant (Inactive Hazardous Waste Disposal Site Code 442027), the Closed Landfill (Inactive Hazardous Waste Disposal Site Code 442004) and South 40 (Inactive Hazardous Waste Disposal Site Code 442022). The Main Plant is a Class 2 Site and is subject to an Order on Consent (Index Number A4-0345-96-07).

The Main Plant was first developed in the 1880s and functioned primarily as a production facility for colorants and dyes. BASF acquired the property in 1978. The Main Plant is currently inactive and contains 18 buildings that were production buildings, maintenance shops, laboratories, warehouses, and offices. Areas of the Main Plant that are not covered by asphalt or buildings are covered with gravel or grass.

The Main Plant is bordered on the north by the Sterling Drug Site 1 (Sterling Drug Site [Inactive Hazardous Waste Disposal Site Code 442009]), a chemical manufacturing plant that was formerly Sterling Drug, NYCOMED, Organichem, and is currently owned and operated by Albany Molecular, and residential areas north of the Sterling Drug Site. Riverside Avenue borders the Main Plant to the west and south, and separates the Main Plant from the Lagoon Area. The Closed Landfill is located to the southeast of the Main Plant with the South 40 Parcel beyond. To the east of the Main Plant are several Amtrak rail spurs, New York State Route 9J and the elevated Port of Rensselaer Highway. The Hudson River is to the west of the Lagoon Area (Figure 2).

1.1.2 Previous Investigations

The following reports summarize previous investigations that were conducted at the Main Plant:

- “Remedial Investigation (RI) and Supplemental Remedial Investigation (SRI) Report, BASF Rensselaer, Rensselaer, New York,” (Roux Associates, 2000).
- “Additional Remedial Investigation Activities, BASF Rensselaer, Rensselaer, New York,” (Roux Associates, 2001b).

1.1.3 Site Regulatory History

In 1992, the NYSDEC listed the Manufacturing Plant parcel as a Class 2 Site in the Registry of Inactive Hazardous Waste Disposal Sites in New York. BASF entered into an Order on Consent (Index No. A4-0345-96-07) on February 24, 1998 (1998 Order) (NYSDEC, 1998). The 1998 Order was issued for the implementation of the Remedial Investigation/Feasibility Study (RI/FS) program for the Manufacturing Plant parcel, with the exception of Building 39, which is a warehouse to the northeast of the Site that BASF acquired in 1990, and Building 40 (the water intake plant) in the lagoon area. These two buildings were not investigated because these buildings were not involved in chemical processing.

Upon the completion of the RI, the NYSDEC reviewed the November 26, 2001 Feasibility Study Report (Roux Associates, 2001c) prepared by Roux Associates and developed the Proposed Remedial Action Plan (PRAP) for the Manufacturing Plant (Roux Associates, 2003a). The PRAP was issued for public comment on February 14, 2003. After the public comment period was completed, the NYSDEC held a public meeting on March 4, 2003 to review the findings of the RI/FS performed for the Site. The public comment period was extended from March 14, 2003 to April 16, 2003, and the resulting comments have become part of the Administrative Record for the Site. At the conclusion of the comment period, the NYSDEC developed and issued the Record Of Decision (ROD) for OU-1 (NYSDEC, 2003a), which presented the selected remedy for OU-1. BASF entered into an Order on Consent (Index No. A4-0490-0703) on October 20, 2003 (2003 Order) (NYSDEC, 2003b) for the implementation of the remedy for OU-1 described in the ROD (NYSDEC, 2003a). A listing of the documents included as part of the Administrative Record is included in Appendix B of the ROD.

1.2 Report Organization

The remainder of this report is divided into five sections, as follows:

- Section 2.0 – IRM Areas of Concern and Remediation Goals
- Section 3.0 – Summary of Soil IRM
- Section 4.0 – Summary of Process Buildings IRM
- Section 5.0 – Engineer’s Certification
- Section 6.0 – References

2.0 INTERIM REMEDIAL MEASURE AREAS OF CONCERN AND REMEDIATION GOALS

Five onsite AOCs were identified, as described in a Roux Associates' draft memo dated July 19, 2001 (Roux Associates, 2001a). The memo was prepared in support of the FS Report and to facilitate discussions with the NYSDEC regarding source area remediation. Of the five AOCs identified in the memo, four AOCs were selected by the NYSDEC for source remediation activities, which included excavation under an IRM program. The four AOCs addressed via IRMs are shown on Figure 4 and are listed below:

- AOC 1: former drum storage area;
- AOC 2: area adjacent to Building 81;
- AOC 4: lagoon area and area adjacent to former Building 73; and
- AOC 5: earthen basements of Process Buildings 84, 87 and 93.

The actual sub-areas remediated within each AOC are shown in As-Built Figures 7 through 14. Remediation of the AOCs is also discussed in Sections 3.0 and 4.0 of this report. The following presents a brief description of each sub-area within each respective AOC listed above.

2.1 Area 1 within AOC 1

Area 1 was a former drum storage area. Prior to BASF's use of the Site, historical photographs and maps indicate that liquid wastes were disposed of in this area. As of 1978, when BASF first occupied the Site, most of Area 1 was paved and discharges of liquids to the ground had ceased. High concentrations of volatile organic compounds (VOCs), including chlorobenzene and benzene, and semi-volatile organic compounds (SVOCs), including 1,2,4-trichlorobenzene, have been detected in both soil and groundwater in this area. High concentrations of metals, including chromium and lead, were also present in Area 1 soils.

2.2 Area 2 within AOC 2

Area 2 consists of a relatively small area of soil immediately adjacent to Building 81 (New) that was impacted primarily by 1,2-dichloroethane (1,2-DCA) during historical releases from storage tanks and transfer lines. High concentrations of 1,2-DCA have been detected in groundwater associated with this area.

2.3 Areas 4A, 4B and 4C within AOC 4

AOC 4 initially contained two sub-areas: Areas 4A and 4B. Area 4A was considered a source area of dissolved arsenic to groundwater beneath the Lagoon Area. Area 4A is located beneath and immediately east of the northeast portion of the North Lagoon. Concentrations of arsenic up to 79,400 milligrams per kilogram (mg/kg) were detected during the RI in soil at 6 to 10 feet below land surface (bls).

Area 4B is adjacent to the former location of Building 73 (Fire House) and was an area of elevated arsenic concentrations in soil that was considered a source of dissolved arsenic in groundwater beneath the northwest portion of the Main Plant.

After Area 4A was excavated, post-excavation sidewall samples were collected and analyzed as discussed later in this RACR in Section 3.3. The results of the post-excavation samples collected along the west side of Area 4A indicated (results exceeded hazardous waste cleanup levels) that additional excavation was warranted to the west of Area 4A. This area was later defined in the RD/RA Work Plan for the North Lagoon and Area 4C remediation (Roux Associates, 2003b) and is located northeast of the North Lagoon, between the lagoon berm and Area 4A.

2.4 Earthen Basements of Process Buildings 84, 87 and 93 within AOC 5

The earthen basements of Process Buildings 84, 87 and 93 are sub-areas within AOC 5 and contain process residue and associated underlying impacted soils. The process residue and underlying soils contain relatively high concentrations of VOCs, including chlorobenzene and 1,2,4-trichlorobenzene. Additional VOCs (benzene, toluene, and xylenes), SVOCs (benzo(a)anthracene, benzo(a)pyrene, dibenzo(a,h)anthracene, and phenol) and metals (chromium, lead, mercury, and zinc) were also present at relatively high concentrations.

2.5 IRM Remediation Goals

The objective of the Soil IRM was to remove and dispose of impacted soil that may be serving as sources of dissolved VOCs and arsenic to groundwater beneath the Manufacturing Plant and Lagoon areas within AOCs 1, 2 and 4.

The objective of the Process Buildings IRM was to remove and dispose of impacted soil and process residue from Process Buildings 84, 87 and 93 that may be serving as sources of dissolved VOCs to groundwater beneath the Manufacturing Plant within AOC 5.

3.0 SUMMARY OF SOIL INTERIM REMEDIAL MEASURE

The Soil IRM Program was completed in accordance with the Soil IRM Plan (Roux Associates, 2002b), subsequent addenda (Roux Associates, 2002d and 2002e), and the RD/RA Work Plan for the North Lagoon and Area 4C Remediation (Roux Associates, 2003b) to address Areas 1, 2, 4A, 4B and 4C.

The Soil IRM Program was initially conducted from July 20, 2002 to August 28, 2003. The remediation of Area 4C (area to the west of Area 4A) was conducted two years later from April 8, 2005 to May 31, 2005 as part of the North Lagoon closure effort. The objective of the Soil IRM (including the remediation of Area 4C) was to remove and dispose of impacted soil from AOCs 1, 2 and 4 that may be serving as sources of dissolved VOCs and arsenic to groundwater beneath the Manufacturing Plant and Lagoon areas. During the course of implementing the Soil IRM, 13,687.96 tons of non-hazardous waste and 12,322.3 tons of hazardous waste were excavated and disposed of offsite. The amount of soil generated and disposed of offsite also included the management of non-hazardous and hazardous soil generated during the construction of the 4,000 linear feet of groundwater collection and force main trenches (Figure 5) for the proposed groundwater treatment system, which were installed concurrent with the performance of the Soil IRM Program. The Soil IRM, as well as the Process Buildings IRM discussed in Section 4.0, was performed by O'Brien & Gere, Inc. of North America (OBGINA), with construction management services provided by Remedial Engineering.

A summary of the major elements related to the performance of the Soil IRM is provided below. These elements include: implementation and management of a Site-specific Health and Safety Plan (HASP) and Community Air Monitoring Program (CAMP); installation and removal of an excavation support system; excavation; post-excavation soil sampling; stockpiling, onsite treatment, waste characterization sampling; offsite transport and disposal; backfilling; and monitoring well abandonment. In addition, the waste characterization sampling and offsite transport and disposal elements related to the construction of the groundwater collection trenches are also discussed in this IRM RACR, where applicable.

3.1 Implementation of Site-Specific Health and Safety Plan and Community Air Monitoring Plan

The remediation activities performed were consistent with 29 CFR 1910 and 1926, and in accordance with the Contractor's Site-specific HASP. As part of the Contractor's HASP, air monitoring was conducted for both VOCs and particulates within and around the work areas during all remedial activities. Fence-line air monitoring for VOCs and particulates was also performed in accordance with New York State Department of Health (NYSDOH) CAMP requirements. As documented in the daily reports, airborne VOC concentrations did not exceed the fence-line criteria outlined in the CAMP. However, particulate criteria at the fence-line were exceeded on several occasions during the performance of the Soil IRM and engineering controls were implemented to address those exceedances. Engineering controls to reduce fence-line airborne particulates included suppression by applying water to the work areas adjacent to the fence line and by minimizing truck traffic through these areas.

3.2 Sheet Piling

Due to the depth of the excavation in Area 4A and the proximity of the excavation to the North Wastewater Lagoon on the west side, and Riverside Avenue on the east side, 550 linear feet of steel sheeting was installed along the east and west sides of the surveyed horizontal limits of Area 4A. Upon completion of the backfilling activities, all steel sheeting was removed and transported offsite.

Due to the depth of the excavation in Area 4C and the proximity of the excavation to the paved access way to the north, between the North Lagoon and Building 42, 210 linear feet of steel sheeting was installed along the east and north sides of the surveyed horizontal limits of Area 4C. Upon completion of the backfilling activities, all steel sheeting was removed and transported offsite.

Sheet piling was not necessary for the remediation of Areas 1, 2 and 4B.

3.3 Excavation

Earthwork activities included the excavation of non-hazardous and hazardous contaminated soil from the Areas 1, 2, 4A, 4B and 4C. After completion of each excavation, the areas were

backfilled as described in Section 3.9. The final excavation areas are shown in As-Built Figures 7 through 13 and were based on the collection, analysis, and evaluation of post-excavation samples. The post-excavation analytical results are provided in Appendix A with the VOC, SVOC, Resource Conservation Recovery Act (RCRA) metal, and Toxic Characteristic Leaching Procedure (TCLP) metal results summarized in Tables 1, 2, 3 and 4, respectively.

As detailed in the September 2003 ROD (NYSDEC, 2003a), remediation of Areas 1, 2, 4A, 4B and 4C were based on the removal of VOC and arsenic sources to groundwater, where applicable. Although SVOCs and metals other than arsenic were not the primary drivers for cleanup within each area, samples were taken, where applicable, at the excavation limits to establish their residual levels. Any residual SVOCs and metals detected above NYSDEC Recommended Soil Cleanup Objectives (RSCOs) in post-excavation samples will be addressed by capping the Site and by developing a soil management plan for the Site (NYSDEC, 1994). A description of the excavation activities and post-excavation sampling performed for each area is presented below.

3.3.1 Area 1

During the remediation of Area 1, a total of 8,200 cubic yards of material were removed and disposed of offsite. Initially, fill material was removed approximately four feet bls within the perimeter of Area 1 and approximately 6.5 feet bls in the central portion of Area 1. Subsequently, intermediate post-excavation samples were collected and analyzed throughout Area 1. The results were then utilized to determine the final vertical extent of excavation within the Area. Specifically, the vertical extent of the excavation of material from within Area 1 was to remove material with VOCs above RSCOs, or to one foot below the groundwater table. It should be noted that prior to performing the excavation work within Area 1, it was estimated that the excavation depth within the central portion of Area 1 would be to 6.5 feet bls. Since the depth to groundwater was greater than previously anticipated (approximately seven to eight feet bls), intermediate samples were collected and analyzed at 6.5 feet bls, as discussed above, within the central portion of Area 1 prior to performing any additional excavation down to the groundwater table, if warranted. The lateral extent of the excavation (outside the initial proposed limits of excavation) was determined by the requirement to remove material with VOCs greater than 10 times the RSCOs for VOCs. Although SVOCs and metals were not the primary driver

for cleanup of this area, the initial post-excavation sample results indicated that high levels of chromium and lead remained, both vertically and laterally, after VOC cleanup levels were achieved. Based upon these results, additional vertical and lateral excavation was performed. The final vertical and lateral limits of excavation are shown on Figures 6 and 7. These limits were based on the collection, analysis, and evaluation of post-excavation samples collected, where applicable, as discussed in the following subsections of this report.

3.3.1.1 Area 1 Post-Excavation Sidewall Sampling Results

Thirty-three post-excavation sidewall soil samples were collected from Area 1, as shown on Figure 6, and analyzed for VOCs and RCRA metals, as summarized in Tables 1 and 3, respectively. In addition, 25% of the sidewall samples (eight total) were also sampled for SVOCs, as summarized in Table 2. The VOC and metals results for the post-excavation sidewall samples and follow-up remediation, where applicable, are discussed below.

VOC Results

The post-excavation sidewall sample results indicated that the NYSDEC RSCOs for VOCs were exceeded at seven of the 33 initial locations that were sampled. Four locations (PE-Area1-S-18, PE-Area1-S-22, PE-Area1-S-23 and PE-Area1-S-24) along the perimeter of the Closed Landfill immediately to the south of Area 1 will be addressed separately as part of the Closed Landfill remediation. The remaining three locations (PE-Area1-S-9, PE-Area1-S-13, and PE-Area1-S-30) required further lateral excavation and vertical excavation down to one foot below the water table, as shown on Figures 6 and 7. The final limits of remediation were confirmed through the collection of final post-excavation sidewall samples (PE-Area1-S-9B, PE-Area1-S-9C, PE-Area1-S-13B, and PE-Area1-S-30B). In addition, the VOC data generated from the collection and analysis of pre-excavation sampling points MP-SB-6 and MP-SB-7, which did not exceed NYSDEC RSCOs, were also used to define the limits of excavation radially from PE-Area1-S-9.

Metals Results

The post-excavation sidewall sample results indicated that high levels of chromium and lead were detected at sidewall sample locations PE-Area1-S-6 and PE-Area1-S-8, and at several locations along the southern perimeter of Area 1 adjacent to the Closed Landfill. Post-

excavation sample S-9B exhibited high concentrations of chromium. Therefore, the limits of excavation were expanded radially and down to one foot below the water table at each location, as shown on Figures 6 and 7. As documented in Roux Associates' November 26, 2004 letter to the NYSDEC (Appendix B), no additional post-excavation sampling was required.

3.3.1.2 Area 1 Post-Excavation Bottom Sampling Results

Fifty-four post-excavation bottom soil samples were collected from Area 1, as shown on Figure 6, and analyzed for VOCs, SVOCs and metals, as summarized in Tables 1, 2 and 3, respectively. The VOC and metal results for the post-excavation bottom samples and follow-up remediation, where applicable, are discussed below.

VOC Results

The post-excavation bottom sample results indicated that the NYSDEC RSCOs for VOCs were exceeded by a factor of ten times at 22 of the 54 locations that were sampled. These locations were PE-Areal-B-7, PE-Areal-B-8, PE-Areal-B-14, PE-Areal-B-16, PE-Areal-B-18, PE-Areal-B-19, PE-Areal-B-20, PE-Areal-B-23, PE-Areal-B-27, PE-Areal-B-29, PE-Areal-B-30, PE-Areal-B-32, PE-Areal-B-35, PE-Areal-B-38, PE-Areal-B-39, PE-Areal-B-41, PE-Areal-B-44, PE-Areal-B-45, PE-Areal-B-46, PE-Areal-B-47, PE-Areal-B-53, and PE-Areal-B-54. Each location was further excavated down to one foot below the water table, as shown on Figures 6 and 7. As shown on these figures, six additional bottom locations (PE-Areal-B-15, PE-Areal-B-24, PE-Areal-B-28, PE-Areal-B-31, PE-Areal-B-49 and PE-Areal-B-50) in the immediate vicinity of the 22 listed above were also excavated down to one foot below the water table. Follow-up post-excavation soil samples were not required because the excavation extended below the water table.

Metals Results

High levels of chromium and lead were detected at eight bottom sample locations (PE-Areal-B-10, PE-Areal-B-11, PE-Areal-B-21, PE-Areal-B-33, PE-Areal-B-36, PE-Areal-B-37, PE-Areal-B-40, and PE-Areal-B-48). Each location was further excavated down to one foot below the water table, as shown on Figures 6 and 7. Follow-up post-excavation soil samples were not required because the excavation extended below the water table.

3.3.2 Area 2

During the remediation of Area 2, a total of 230 cubic yards of contaminated material was removed and disposed of offsite. The vertical extent of the excavation was determined by the requirement to remove material with VOCs above RSCOs, or to one foot below the groundwater table (approximately 12 feet above mean sea level [msl]). The lateral extent of the excavation (outside the initial proposed limits of excavation) was determined by the requirement to remove material with VOCs greater than 10 times the RSCOs for VOCs. Although SVOCs and metals were not the primary driver for cleanup of this area, samples were also taken at the excavation limits to establish their residual levels. The final vertical and horizontal limits of excavation are shown on Figure 8. These limits were based on the collection, analysis, and evaluation of post-excavation samples collected, where applicable, as discussed below.

3.3.2.1 Area 2 Post-Excavation Sampling Results

Four post-excavation sidewall soil samples were collected from Area 2, as shown on Figure 8, and analyzed for VOCs, SVOCs, and RCRA metals, as summarized in Tables 1, 2 and 3, respectively. Bottom post-excavation soil samples were not required because the excavation extended below the water table. The VOC results for the post-excavation sidewall samples collected and follow-up remediation, where applicable, are discussed below.

VOC Results

The post-excavation sidewall sample results indicated that the NYSDEC RSCOs were not exceeded at any sampling location for any Site-specific VOCs. Therefore, no additional excavation was necessary.

3.3.3 Area 4A

During the remediation of Area 4A, a total of 3,800 cubic yards of material were removed and disposed of offsite. The vertical extent of the excavation was to one foot below the groundwater table. The lateral extent was based on removing all soil that exceeded the TCLP for arsenic. The final vertical and horizontal limits of excavation are shown on Figures 9 and 10. These limits were based on the collection, analysis, and evaluation of post-excavation samples, as summarized below.

3.3.3.1 Area 4A Post-Excavation Sampling Results

Thirty post-excavation sidewall soil samples were collected from Area 4A, as shown on Figure 9, and analyzed for total arsenic, as summarized in Table 3. Twenty-five of the sidewall samples that exceeded the RSCO for arsenic of 7.5 mg/kg by an order of magnitude were analyzed utilizing the TCLP, as summarized in Table 4. Bottom post-excavation soil samples were not required because the excavation extended below the water table. The arsenic results for the post-excavation sidewall samples and follow-up remediation, where applicable, are discussed below.

Arsenic Post-Excavation Sample Results

The post-excavation sidewall TCLP results indicated that the NYSDEC hazardous waste regulatory level (HWRL) of 5 milligrams per liter (mg/L) for arsenic was exceeded at nine of the 25 locations: PE-Area4A-S-9U, PE-Area4A-S-9L, PE-Area4A-S-10U, PE-Area4A-S-10L, PE-Area4A-S-13L, PE-Area4A-S-14U, PE-Area4A-S-14L, PE-Area4A-S-15U and PE-Area4A-S-15L. Four of these locations (S-9U, S-9L, S-10U, and S-10L) are along the eastern limits of Area 4A where impacted soil extends to beneath Riverside Avenue. This area is offsite and not part of the area addressed as part of this IRM. The remaining five locations (S-13L, S-14U, S-14L, S-15U, and S-15L) are beneath the berm for the North Lagoon, and were addressed as part of the remediation of Area 4C.

3.3.4 Area 4B

During the remediation of Area 4B, a total of 830 cubic yards of contaminated material were removed and disposed offsite. Area 4B was excavated to one foot below the groundwater table. The lateral extent was based on removing all soil that exceeded the TCLP for arsenic. Although VOCs and SVOCs were not the primary driver for cleanup of this area, samples were also taken at the excavation limits to establish their residual levels. The final vertical and horizontal limits of excavation are shown on Figure 11. These limits were based on the collection, analysis, and evaluation of post-excavation samples, as discussed below.

3.3.4.1 Area 4B Post-Excavation Sampling Results

Twelve post-excavation sidewall soil samples were collected from Area 4B, as shown on Figure 11, and analyzed for VOCs, SVOCs, and RCRA metals, as summarized in Tables 1, 2

and 3. Nine of these sidewall samples exceeded the RSCO for arsenic by an order of magnitude and were sampled for arsenic utilizing the TCLP, as summarized in Table 4. Bottom post-excavation soil samples were not required because the excavation extended below the water table. The arsenic results for the post-excavation sidewall samples collected and follow-up remediation, where applicable, are discussed below.

Arsenic Post-Excavation Sample Results

The post-excavation sidewall sample results indicated that the NYSDEC HWRL for arsenic was exceeded at one of the 12 locations (PE-Area4B-S-8). Therefore, the limits of excavation were expanded radially and down to one foot below the water table at this location, as shown on Figure 11. The final limits of remediation were confirmed through the collection of a final post-excavation sidewall sample (PE-Area4B-S-8B).

3.3.5 Area 4C

During the remediation of Area 4C, a total of 1,601.42 tons of contaminated material were removed and disposed offsite. The excavation in Area 4C was performed to approximately one foot below the existing groundwater table elevation, which was at approximately 13 to 14 feet bls during the performance of the Area 4C remediation effort. As discussed in the RD/RA Work Plan for the North Lagoon, the northeastern sidewall of the North Lagoon was also excavated to remove soil with residual amounts of arsenic and visible contamination (Figure 12). The northeastern sidewall of the North Lagoon was mainly excavated to the same depth as Area 4C. Along the western edge of the excavation of the northeastern sidewall, the depth of the excavation was approximately 1 to 2 feet above the groundwater table so that the groundwater at the base of the excavated area did not come into direct contact with stormwater in the base of the North Lagoon. The final horizontal limits are shown on Figure 12. In accordance with the RD/RA Work Plan for the North Lagoon, post excavation samples were not collected because the areas north and east of Area 4C (i.e., Area 4A) were previously excavated, the area south of Area 4C was previously determined to be clean based on post excavation soil samples collected during the remediation of Area 4A, and the area west of Area 4C is the northeastern sidewall of the North Lagoon.

3.5 Stockpiling

A total of 75 onsite stockpiles were created while performing the excavation work. The stockpiles were placed on 20 to 40 mil polyethylene liners and covered with 10 to 20 mil polyethylene liners. Stockpile covers were inspected daily and repaired as required.

3.6 Onsite Ex-Situ Thermal Treatment of Soil Stockpiles

An attempt was made to use thermally enhanced soil vapor extraction (SVE) to reduce the VOC concentrations in soil stockpiles from Areas 1 and 2 to below hazardous levels, as detailed in Roux Associates' "Ex-Situ Thermally Enhanced Soil Vapor Extraction Treatment Work Plan" (SVE Work Plan) (Roux Associates, 2000f). Two 750 cubic yard stockpiles (WC-PT-1 and WC-PT-2) were constructed from five onsite stockpiles (WC-AREA1-2-5, WC-AREA1-2-11, WC-AREA1-2-12, WC-AREA1-2-13, and WC-AREA1-2-14) and treated individually, as described in the SVE Work Plan. After completing treatment, stockpile soil sampling (described in Section 3.7) indicated that the treatment was unsuccessful and the soil was disposed of as hazardous waste, as described in Section 3.8. Onsite treatment was performed from November 4 to December 9, 2002.

3.7 Waste Characterization Sampling

Waste characterization samples were collected from the excavated and stockpiled fill material and wastewater generated during remediation activities prior to offsite disposal. The results of the waste characterization analyses for excavated fill material and wastewater are discussed below.

3.7.1 Excavated Soil

Waste characterization soil samples were collected from each stockpile, which included soil generated while constructing groundwater collection trenches for the groundwater treatment system. The actual number of samples collected and subsequently analyzed for each stockpile varied in accordance with the requirements of the proposed disposal facility. The waste characterization results are summarized in Tables 5 through 10 for VOCs, TCLP VOCs, SVOCs, TCLP SVOCS, RCRA metals, and TCLP metals, respectively, when performed. Once characterized, the excavated soil was transported offsite and disposed of, as described in Section 3.8.

3.7.2 Construction Wastewater

A total of 335,906 gallons of construction wastewaters was generated, primarily through the construction of the GCS trenching network. The wastewater was classified as non-hazardous and was transported and disposed of offsite, as described in Section 3.8.

3.8 Offsite Transport and Disposal

Excavated soil was transported to, and disposed of, at the appropriate treatment, storage, and disposal facilities (TSDFs) in the United States and Canada. All TSDFs located in the United States were permitted under the RCRA, Toxic Substances Control Act (TSCA), and/or by the state in which the TSDF is located. Canadian TSDFs were permitted by the Ministry of Environment of Quebec. The haulers of all wastes were permitted and licensed to transport wastes in New York and all localities, states, and provinces through which they transported the wastes. All transporters were permitted in accordance with the RCRA, United States Department of Transportation (USDOT), state, province, and local requirements, and possessed an United States Environmental Protection Agency (USEPA) identification number. All vehicles used for the transportation of wastes were also in conformance with USDOT and USEPA requirements and the requirements of all states and provinces through which the wastes were transported. Applicable transportation requirements were implemented (i.e., manifesting and placarding).

3.8.1 Non-Hazardous Soil

A total of 13,687.96 tons of non-hazardous waste was disposed of at Waste Management Inc.'s (Waste Management) High Acres Landfill in Fairport, New York. The non-hazardous solid waste disposal summary and electronic copies of the related manifests are provided in Appendix C and in the compact disc located in the sleeve of the inside of back cover of this report, respectively.

3.8.2 Hazardous Soil

A total of 10,087.89 tons of hazardous soil was disposed of at CWM Chemical Services, L.L.C. Model City Facility (CWM Model City) and 2,234.41 tons at Stablex Canada Inc.'s Blainville, Quebec Facility (Stablex). The hazardous solid waste disposal summary and electronic copies of

the related manifests are provided in Appendix D and in the compact disc located in the sleeve of the inside of back cover of this report, respectively.

3.8.3 Non-hazardous Construction Wastewater

All construction wastewater generated during remediation activities was classified as non-hazardous. A total of approximately 355,906 gallons of construction wastewater was generated during decontamination and dewatering activities, and was transported and disposed of offsite at United Oil Recovery, Inc. located at Meriden, Connecticut. The construction wastewater disposal summary and electronic copies of the related manifests are provided in Appendix E and in the compact disc located in the sleeve of the inside of back cover of this report, respectively.

3.9 Placement and Compaction of Fill Materials

After the project team reviewed the completed excavations and confirmed, with NYSDEC concurrence, that no additional excavation or other remediation was warranted, each excavation area was backfilled and compacted with fill material from offsite sources or from a combination of onsite and offsite sources. Select fill, crusher run stone, reused concrete, and asphalt debris from onsite construction activities were used. Offsite select fill and crusher run stone were imported to the Site from WM.M Larned & Sons, Inc. (Larned). The offsite fill material delivery summary for each fill source is provided in Appendix F. The offsite clean fill material certifications, along with the analytical laboratory results for imported offsite backfill, are provided in Appendices G and H, respectively.

All onsite and offsite fill materials were placed within each excavation in 12-inch lifts. The minimum compacted dry density for offsite fill sources was 95% Standard Proctor, as determined by the American Society for Testing and Materials (ASTM) D698 method and as directed by the Engineer. Due to weather conditions while performing the backfilling activities, the minimum compaction for Areas 1 and 4A were reduced from 95% to 90% Standard Proctor. Although this compaction requirement was reduced, a “good faith effort” to achieve 95% Standard Proctor during the ongoing placement of the select fill material was made. This effort involved the continued placement of select fill utilizing twelve-inch lifts and compacting each of these lifts with a minimum of three passes using a vibratory roller. Once these efforts

were completed, nine randomly located samples per acre per lift were collected to confirm that a compaction result of at least 90% Standard Proctor was achieved.

3.10 Onsite Reuse of Excavated Materials from Area 4C and North Lagoon Sidewall

The laboratory results of soil samples collected from the excavated materials from Area 4C and the North Lagoon sidewall identified two stockpiles (REN-4C-04 and REN-SW-01) as potential fill material for onsite reuse. The VOCs, SVOCs, RCRA metals, and TCLP metals analysis for REN-4C-04 and REN-SW-01 are summarized in Tables 11 through 14, respectively. On May 19, 2005, the NYSDEC approved the placement of these materials onto the bottom of the North Lagoon (Appendix I). A total of approximately 1,000 cubic yards of material was then backfilled across the northern end of the North Lagoon in a layer that is approximately 3 feet high (Figure 13).

3.11 Monitoring Well Abandonment

The abandonment of monitoring wells MP-MW-106 and MP-MW-111 was completed while the remediation activities were being performed. The monitoring well screen and well casings were excavated with the soil being removed. The screens and casings were then cut, removed, and disposed offsite with the excavated soil.

4.0 SUMMARY OF PROCESS BUILDINGS INTERIM REMEDIAL MEASURE

The Process Buildings IRM Program was completed in accordance with the Process Buildings IRM Plan (Roux Associates, 2002a) to address Process Buildings 84, 87 and 93.

The Process Buildings IRM was initiated on May 28, 2003. The excavation activities were completed on January 12, 2004 and demobilization began on April 12, 2004. The objective of the Process Buildings IRM was to remove and dispose of impacted soil and process residue from Process Buildings 84, 87 and 93 that may be serving as sources of dissolved VOCs to groundwater beneath the Manufacturing Plant (Figure 4). 4,424.79 tons of hazardous waste were excavated and disposed of offsite. A summary is provided below. The Process Buildings IRM, as well as the Soil IRM discussed in Section 3.0, was performed by OBGINA with construction management services provided by Remedial Engineering.

4.1 Implementation of Site-Specific Health and Safety Plan and Community Air Monitoring Plan

The Site-Specific HASP and CAMP were implemented as described in Section 3.1. Airborne VOC concentrations did not exceed the fence-line criteria outlined in the CAMP. However, particulate levels at the fence-line were exceeded on several occasions during the performance of the Process Buildings IRM and engineering controls were implemented to address these exceedances. Fence-line airborne particulates were suppressed by applying water to the work areas adjacent to the fence-line and by minimizing truck traffic through these areas.

4.2 Excavation

A total of 4,424.79 tons of hazardous waste was excavated from the earthen basements of Process Buildings 84, 87 and 93. The final excavation areas are shown in As-Built Figure 14. A description of the excavation activities performed for each building is presented below.

4.2.1 Process Building 84

The remediation of Process Building 84 was conducted from October 13, 2003 to October 30, 2003. In accordance with the Process Buildings IRM Plan, the top 12 inches of process residue (390 cubic yards) and 30 inches of impacted soil (960 cubic yards) below the process residue layer required excavation and offsite disposal. The process residue layer was removed; however, the excavation of the additional 30 inches of impacted soil was limited due to

high groundwater levels and limited headroom requiring smaller machinery to address basement contamination. After dewatering, 24 inches of impacted soil (770 cubic yards) below the process residue layer were removed.

As shown on As-Built Figure 14, the bottom elevation (average of 8.63 feet above msl) of the excavation within this building was over one foot below the historical water levels measured at nearby monitoring wells MP-MW-107 (10.17 feet above msl) and MP-MW-108 (10.58 feet above msl). The NYSDEC confirmed that remediation was substantially complete based on an onsite inspection performed on November 5, 2003. Limited excavation was performed, but a follow-up inspection by the NYSDEC was not required.

4.2.2 Process Building 87

The remediation of Process Building 87 was conducted from November 11, 2003 to January 12, 2004. In accordance with the Process Buildings IRM Plan, the top 12 inches of process residue (640 cubic yards) and 30 inches of impacted soil (1,590 cubic yards) below the process residue layer required excavation and offsite disposal. The process residue layer was removed; however the excavation of the additional 30 inches of impacted soil was limited due to high groundwater levels and limited headroom requiring smaller machinery to address basement contamination. After dewatering, 24 inches of impacted soil (1,275 cubic yards) below the process residue layer was removed.

As shown on As-Built Figure 14, the bottom elevation (average of 8.91 feet above msl) of the excavation was over one foot below the historical water levels measured at nearby monitoring wells MP-MW-107 (10.17 feet above msl) and MP-MW-108 (10.58 feet above msl). Once this effort was completed, the NYSDEC confirmed that remediation was substantially complete based on an onsite inspection performed on December 22, 2003. Although the NYSDEC requested that some additional excavation be performed, a follow-up inspection by the NYSDEC was not required.

4.2.3 Process Building 93

The remediation of Process Building 93 was conducted from May 28, 2003 to October 9, 2003. The top 18 inches of process residue (1,290 cubic yards) and six inches of impacted soil

(430 cubic yards) below the process residue layer required excavation and offsite disposal. The process residue layer was removed; however the excavation of the additional 6-inch impacted soil layer required dewatering and limited headroom required smaller machinery to address basement contamination. After dewatering, nine inches of impacted soil (650 cubic yards) below the process residue layer was removed.

As shown on As-built Figure 14, the bottom elevation (average of 8.58 feet above msl) of the excavation within this building was more than one foot below the historical water levels measured at nearby monitoring wells MP-MW-107 (10.17 feet above msl) and MP-MW-108 (10.58 feet above msl). The NYSDEC confirmed that remediation was substantially complete based on an onsite inspection performed on September 17, 2003. Limited excavation was performed, but a follow-up inspection by the NYSDEC was not required.

4.3 Stockpiling

All excavated material was transported directly to, and temporarily stockpiled in, areas approved by the Engineer. A total of eight stockpiles were created while performing the excavations. Stockpile covers were inspected daily and repaired, as necessary.

4.4 Dewatering

To facilitate the removal of the soil and process residue from the Process Building basements, extensive dewatering was performed due to the high water levels observed in the basements of each building. Accordingly, multiple sump pumps were installed below the proposed soil removal layer within each basement. Active dewatering was then performed while excavator units were removing soil and process residue from each basement. All dewatering construction wastewater was pumped to an onsite 50,000-gallon modular tank prior to offsite disposal.

In addition, the saturated soil and/ or process residue removed from the basements was staged in bermed areas to facilitate subsequent dewatering operations. For materials that were excessively saturated, the removed materials were initially dewatered utilizing geotextile filter fabrics to remove free liquids prior to loading and transporting offsite as required by the facilities receiving each waste stream. Paint filter tests were performed, as required, in order to verify the dryness and/or fixation of the waste for proper transportation and landfill disposal. The free liquids

removed from the bermed staging areas and filtered by the geotextile were pumped to an onsite 50,000-gallon modular tank prior to offsite disposal.

At the conclusion of the Process Buildings IRM, 651,670 gallons of construction wastewater was generated by dewatering operations.

4.5 Waste Characterization Sampling

Waste characterization samples were collected for the excavated soil/process residue and construction wastewater generated during remediation activities prior to offsite disposal. The results of the waste characterization analyses for excavated fill material and construction wastewater are discussed below.

4.5.1 Excavated Soil and Process Residue

Waste characterization soil samples were collected from each of the eight stockpiles generated while performing the Process Buildings IRM and analyzed for selected parameters in accordance with the requirements of the proposed disposal facility. The waste characterization results are summarized in Tables 5 through 10 for VOCs, TCLP VOCs, SVOCs, TCLP SVOCs, RCRA metals, and TCLP metals, respectively. Based on the results, all eight stockpiles were characterized as hazardous waste. Once characterized, the excavated soil/process residue was transported offsite and disposed of as described in Section 4.6.

4.5.2 Construction Wastewater

A total of 651,670 gallons of construction wastewaters were generated. The wastewater was classified as non-hazardous and was transported and disposed of offsite, as described in Section 4.6.

4.6 Offsite Transport and Disposal

Excavated soil and process residue was transported and disposed at appropriate TSDFs, as described above in Section 3.8.

4.6.1 Hazardous Soil and Process Residue

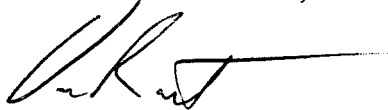
A total of 1,942.70 tons of hazardous contaminated soil and process residue was disposed of at CWM Model City, 1514.87 tons at Stablex, and 967.22 tons at CWM Arlington. The hazardous solid waste disposal summary and electronic copies of the related manifests are provided in Appendix D and in the compact disc located in the sleeve of the inside of back cover of this report, respectively.

4.6.2 Non-hazardous Construction Wastewater

A total of approximately 651,670 gallons of non-hazardous construction wastewater was generated during decontamination and dewatering activities and was transported and disposed of offsite at United Oil Recovery, Inc. located at Meriden, Connecticut. The construction wastewater disposal summary and electronic copies of the related manifests are provided in Appendix E and in the compact disc located in the sleeve of the inside of back cover of this report, respectively.

Sincerely,

ROUX ASSOCIATES, INC.



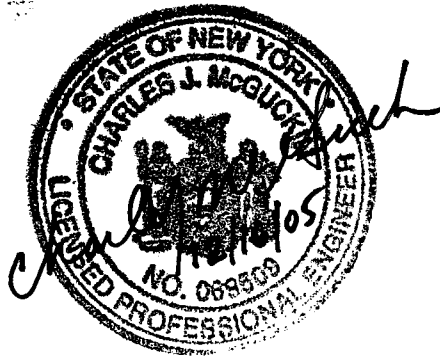
Omar Ramotar, P.E.
Senior Engineer

5.0 ENGINEER'S CERTIFICATION

In accordance with the Soil IRM Plan (Roux Associates, 2002b), the Process Building IRM Plan (Roux Associates, 2002a), the Remedial Design/Remedial Action (RD/RA) Work Plan for the North Lagoon and Area 4C Remediation (Roux Associates, 2003b), the Final Supporting Technical Documents for Rensselaer Remediation (Roux Associates, 2002c), the New York State Department of Environmental Conservation letter dated April 29, 2002 (NYSDEC, 2002), and the Order on Consent for the Remedial Action (Index No. A4-0345-96-07) effective February 24, 1998 (NYSDEC, 2003b), Remedial Engineering, P.C. certifies that the Interim Remedial Measure was implemented, and construction activities were completed as described in this Remedial Action Completion Report dated December 16, 2005

REMEDIAL ENGINEERING, P.C.

Charles J. McGuckin, P.E.
Principal Engineer



6.0 REFERENCES

- New York State Department of Environmental Conservation, 1994. Technical and Administrative Guidance Memorandum #4046. Determination of Soil Cleanup Objectives and Cleanup Levels, Revised 12/20/00.
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- New York State Department of Environmental Conservation, 2003a. Record of Decision, BASF Manufacturing Plant Site Operable Unit No. 1, Rensselaer, Rensselaer County, New York, Site No. 4-4-027, September 2003a.
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- Roux Associates, Inc., 2002c. Final Supporting Technical Documents for Rensselaer Remediation Contract E-108398, BASF Rensselaer, New York, February 21, 2002.
- Roux Associates, Inc., 2002d. Addendum for the Soil IRM Plan, BASF Rensselaer, New York, April 12, 2002.
- Roux Associates, Inc., 2002e. Addendum 2 for the Soil IRM Plan, BASF Rensselaer, New York, August 16, 2002.
- Roux Associates, Inc., 2002f. Ex-Situ Thermally Enhanced Soil Vapor Extraction Treatment Work Plan, BASF Rensselaer, New York, August 2002.
- Roux Associates, Inc., 2003a. Proposed Remedial Action Plan (PRAP) for the Manufacturing Plant, February 14, 2003.

Roux Associates, Inc., 2003b. RD/RA Work Plan for the North Lagoon and Area 4C
Remediation, October 16, 2003.

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs		Sample Designation: PE-AREA1-B-1 PE-AREA1-B-2 PE-AREA1-B-3 PE-AREA1-B-4 PE-AREA1-B-5 PE-AREA1-B-6 PE-AREA1-B-7					
	Sample Date:		09/09/02					
1,1,1-Trichloroethane	800	0.6 U	0.6 U	0.6 U	3 U	0.7 U	0.7 U	1600 U
1,1,2,2-Tetrachloroethane	600	1 U	1 U	1 U	5 U	1 U	1 U	2300 U
1,1,2-Trichloroethane	--	0.6 U	0.6 U	0.6 U	3 U	0.7 U	0.7 U	1100 U
1,1-Dichloroethane	200	0.6 U	0.6 U	0.6 U	3 U	0.7 U	0.7 U	1600 U
1,1-Dichloroethene	400	0.6 U	0.6 U	0.6 U	3 U	0.7 U	0.7 U	900 U
1,2,4-Trichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	100	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	3600 U
1,2-Dichloroethene (total)	--	0.6 U	0.6 U	0.6 U	3 U	0.7 U	0.7 U	1900 U
1,2-Dichloropropane	--	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	800 U
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene, cis-	--	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	1100 U
1,3-Dichloropropene, trans-	--	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	1000 U
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
2-Butanone	300	3 U	3 U	4 U	16 U	4 U	4 U	5100 U
2-Hexanone	--	4 U	4 U	4 U	19 U	5 U	5 U	4800 U
4-Methyl-2-pentanone	1000	3 U	3 U	3 U	15 U	4 U	4 U	5700 U
Acetone	200	6 U	6 U	6 U	28 U	7 U	7 U	33000 U
Benzene	60	2 J	3 J	1 J	3 U	16	2 J	6300 J
Bromodichloromethane	--	0.6 U	0.6 U	0.6 U	3 U	0.7 U	0.7 U	1200 U
Bromoform	--	0.7 U	0.7 U	0.8 U	3 U	0.8 U	0.8 U	1300 U
Bromomethane	--	3 U	3 U	3 U	13 U	3 U	3 U	2800 U
Carbon disulfide	2700	0.2 U	0.2 U	0.2 U	1 U	0.3 U	0.3 U	100 U
Carbon tetrachloride	600	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	1600 U
Chlorobenzene	1700	0.6 U	0.6 U	0.6 U	280	13	11	310000
Chloroethane	1900	0.8 U	0.8 U	0.9 U	4 U	0.9 U	0.9 U	1900 U
Chloroform	300	0.7 U	0.7 U	0.7 U	3 U	0.8 U	0.8 U	3900 U
Chloromethane	--	0.9 U	1 U	1 U	4 U	1 U	1 U	1800 U
Dibromochloromethane	--	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	1200 U
Ethylbenzene	5500	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	2000 U
Methylene chloride	100	1 U	1 U	1 U	6 U	2 U	2 U	3400 U
Styrene	--	0.6 U	0.6 U	0.6 U	3 U	0.7 U	0.7 U	2000 U
Tetrachloroethene	1400	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	2700 U
Toluene	1500	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	2300 U
Trichloroethene	700	0.6 U	0.6 U	0.6 U	3 U	0.7 U	0.7 U	840 U
Vinyl acetate	--	4 U	4 U	4 U	16 U	4 U	4 U	5200 U
Vinyl chloride	200	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	2800 U
Xylene (total)	1200	1 U	1 U	1 U	43	64	1 U	7000 U

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-B-8 PE-AREA1-B-9 PE-AREA1-B-10 PE-AREA1-B-11 PE-AREA1-B-12 PE-AREA1-B-13 PE-AREA1-B-14					
	NYSDEC RSCOs	09/09/02	09/09/02	09/09/02	09/09/02	09/09/02
1,1,1-Trichloroethane	800	0.5 U	8 U	4 U	78 U	1 U
1,1,2,2-Tetrachloroethane	600	1 U	14 U	7 U	110 U	2 U
1,1,2-Trichloroethane	--	0.5 U	8 U	4 U	52 U	1 U
1,1-Dichloroethane	200	0.5 U	8 U	4 U	75 U	1 U
1,1-Dichloroethene	400	0.5 U	8 U	4 U	43 U	1 U
1,2,4-Trichlorobenzene	--	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,2-Dichloroethane	100	0.4 U	6 U	3 U	170 U	0.9 U
1,2-Dichloroethene (total)	--	0.5 U	8 U	4 U	91 U	1 U
1,2-Dichloropropane	--	0.4 U	6 U	3 U	38 U	0.9 U
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA
1,3-Dichloropropene, cis-	--	0.4 U	6 U	3 U	52 U	0.9 U
1,3-Dichloropropene, trans-	--	0.4 U	6 U	3 U	49 U	0.9 U
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA
2-Butanone	300	3 U	47 U	22 U	240 U	7 U
2-Hexanone	--	4 U	56 U	27 U	230 U	8 U
4-Methyl-2-pentanone	1000	3 U	45 U	21 U	270 U	7 U
Acetone	200	6 U	84 U	40 U	1600 U	12 U
Benzene	60	0.5 U	44 J	19 J	83 J	5 J
Bromodichloromethane	--	0.5 U	8 U	4 U	56 U	1 U
Bromoform	--	0.6 U	10 U	5 U	60 U	1 U
Bromomethane	--	3 U	40 U	19 U	130 U	6 U
Carbon disulfide	2700	0.2 U	3 U	2 U	5 U	0.5 U
Carbon tetrachloride	600	0.4 U	6 U	3 U	78 U	0.9 U
Chlorobenzene	1700	0.5 U	220	81	470 J	25
Chloroethane	1900	0.8 U	11 U	5 U	91 U	2 U
Chloroform	300	0.6 U	10 U	5 U	180 U	1 U
Chloromethane	--	0.9 U	13 U	6 U	86 U	2 U
Dibromochloromethane	--	0.4 U	6 U	3 U	56 U	0.9 U
Ethylbenzene	5500	0.4 U	340	3 U	160 J	0.9 U
Methylene chloride	100	1 U	19 U	9 U	160 U	5 J
Styrene	--	0.5 U	8 U	4 U	97 U	1 U
Tetrachloroethene	1400	0.4 U	6 U	3 U	130 U	0.9 U
Toluene	1500	0.4 U	220	3 U	130 J	0.9 U
Trichloroethene	700	0.5 U	8 U	4 U	40 U	1 U
Vinyl acetate	--	3 U	48 U	23 U	250 U	7 U
Vinyl chloride	200	0.4 U	6 U	3 U	130 U	0.9 U
Xylene (total)	1200	1 U	2000	110	3700	3 U

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation: PE-AREA1-B-15 PE-AREA1-B-16 PE-AREA1-B-17 PE-AREA1-B-18 PE-AREA1-B-19 PE-AREA1-B-20 PE-AREA1-B-21	
	RSCOs	Sample Date:	09/09/02	09/09/02
1,1,1-Trichloroethane	800	1 U	16000 U	180 U
1,1,2,2-Tetrachloroethane	600	2 U	22000 U	250 U
1,1,2-Trichloroethane	--	1 U	10000 U	120 U
1,1-Dichloroethane	200	1 U	15000 U	170 U
1,1-Dichloroethene	400	1 U	850 U	98 U
1,2,4-Trichlorobenzene	--	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA
1,2-Dichloroethane	100	0.9 U	34000 U	390 U
1,2-Dichloroethene (total)	--	1 U	18000 U	210 U
1,2-Dichloropropane	--	0.9 U	760 U	87 U
1,3-Dichlorobenzene	--	NA	NA	NA
1,3-Dichloropropene, cis-	--	0.9 U	10000 U	120 U
1,3-Dichloropropene, trans-	--	0.9 U	9900 U	110 U
1,4-Dichlorobenzene	--	NA	NA	NA
2-Butanone	300	7 U	4800 U	560 U
2-Hexanone	--	8 U	4500 U	520 U
4-Methyl-2-pentanone	1000	6 U	5400 U	620 U
Acetone	200	12 U	32000 U	3600 U
Benzene	60	9 J	55000 J	200 J
Bromodichloromethane	--	1 U	11000 U	130 U
Bromoform	--	1 U	12000 U	140 U
Bromomethane	--	6 U	27000 U	310 U
Carbon disulfide	2700	0.5 U	99 U	11 U
Carbon tetrachloride	600	0.9 U	1600 U	180 U
Chlorobenzene	1700	250	410000	41000
Chloroethane	1900	2 U	18000 U	210 U
Chloroform	300	1 U	3700 U	430 U
Chloromethane	--	2 U	17000 U	200 U
Dibromochloromethane	--	0.9 U	11000 U	130 U
Ethylbenzene	5500	0.9 U	190000	2200
Methylene chloride	100	3 UB	3200 U	370 U
Styrene	--	1 U	1900 U	220 U
Tetrachloroethene	1400	0.9 U	2500 U	290 U
Toluene	1500	0.9 U	2200 U	260 U
Trichloroethene	700	1 U	4000 J	92 U
Vinyl acetate	--	7 U	4900 U	570 U
Vinyl chloride	200	0.9 U	27000 U	310 U
Xylene (total)	1200	3 U	6600 U	7000

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NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-B-22 PE-AREA1-B-23 PE-AREA1-B-24 PE-AREA1-B-25 PE-AREA1-B-26 PE-AREA1-B-27	
	NYSDEC RSCOs	Sample Date: 09/09/02 09/09/02 09/09/02 09/09/02 09/09/02 09/09/02
1,1,1-Trichloroethane	800	0.9 U
1,1,2,2-Tetrachloroethane	600	2 U
1,1,2-Trichloroethane	--	0.9 U
1,1-Dichloroethane	200	0.9 U
1,1-Dichloroethene	400	0.9 U
1,2,4-Trichlorobenzene	--	NA
1,2-Dichlorobenzene	--	NA
1,2-Dichloroethane	100	0.7 U
1,2-Dichloroethene (total)	--	0.9 U
1,2-Dichloropropane	--	0.7 U
1,3-Dichlorobenzene	--	NA
1,3-Dichloropropene, cis-	--	0.7 U
1,3-Dichloropropene, trans-	--	0.7 U
1,4-Dichlorobenzene	--	NA
2-Butanone	300	5 U
2-Hexanone	--	6 U
4-Methyl-2-pentanone	1000	5 U
Acetone	200	14 J
Benzene	60	40
Bromodichloromethane	--	0.9 U
Bromoform	--	1 U
Bromomethane	--	4 U
Carbon disulfide	2700	0.4 U
Carbon tetrachloride	600	0.7 U
Chlorobenzene	1700	81
Chloroethane	1900	1 U
Chloroform	300	1 U
Chloromethane	--	1 U
Dibromochloromethane	--	0.7 U
Ethylbenzene	5500	5 J
Methylene chloride	100	13
Styrene	--	0.9 U
Tetrachloroethene	1400	0.7 U
Toluene	1500	17
Trichloroethene	700	0.9 U
Vinyl acetate	--	5 U
Vinyl chloride	200	0.7 U
Xylene (total)	1200	21

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDDEC RSCO available

NYSDDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation: PE-AREA1-B-28 PE-AREA1-B-29 PE-AREA1-B-30 PE-AREA1-B-31 PE-AREA1-B-32 PE-AREA1-B-33 PE-AREA1-B-34	
	RSCOs	Sample Date:	09/09/02	09/09/02
1,1,1-Trichloroethane	800	2 U	150 U	110 U
1,1,2,2-Tetrachloroethane	600	4 U	210 U	160 U
1,1,2-Trichloroethane	--	2 U	99 U	73 U
1,1-Dichloroethane	200	2 U	140 U	110 U
1,1-Dichloroethene	400	2 U	81 U	60 U
1,2,4-Trichlorobenzene	--	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA
1,2-Dichloroethane	100	2 U	320 U	240 U
1,2-Dichloroethene (total)	--	2 U	170 U	130 U
1,2-Dichloropropane	--	2 U	72 U	53 U
1,3-Dichlorobenzene	--	NA	NA	NA
1,3-Dichloropropene, cis-	--	2 U	98 U	72 U
1,3-Dichloropropene, trans-	--	2 U	94 U	69 U
1,4-Dichlorobenzene	--	NA	NA	NA
2-Butanone	300	13 U	460 U	340 U
2-Hexanone	--	16 U	430 U	320 U
4-Methyl-2-pentanone	1000	13 U	510 U	380 U
Acetone	200	24 U	3000 U	2200 U
Benzene	60	32	4300	2600
Bromodichloromethane	--	2 U	110 U	79 U
Bromoform	--	3 U	110 U	85 U
Bromomethane	--	11 U	250 U	190 U
Carbon disulfide	2700	0.9 U	9 U	7 U
Carbon tetrachloride	600	2 U	150 U	110 U
Chlorobenzene	1700	340	1300	1100
Chloroethane	1900	3 U	170 U	130 U
Chloroform	300	3 U	350 U	260 U
Chloromethane	--	4 U	160 U	120 U
Dibromochloromethane	--	2 U	110 U	79 U
Ethylbenzene	5500	8 J	180 U	130 U
Methylene chloride	100	6 J	300 U	340 J
Styrene	--	2 U	180 U	140 U
Tetrachloroethene	1400	2 U	240 U	180 U
Toluene	1500	2 U	210 U	160 U
Trichloroethene	700	2 U	75 U	56 U
Vinyl acetate	--	14 U	470 U	350 U
Vinyl chloride	200	2 U	250 U	190 U
Xylene (total)	1200	28	3200	460 U

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDC RSCO available

NYSDC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation: PE-AREA1-B-35 PE-AREA1-B-36 PE-AREA1-B-37 PE-AREA1-B-38 PE-AREA1-B-39 PE-AREA1-B-40 PE-AREA1-B-41	
	RSCOs	Sample Date:	09/09/02	09/09/02
1,1,1-Trichloroethane	800	21000 U	0.7 U	2 U
1,1,2,2-Tetrachloroethane	600	30000 U	1 U	4 U
1,1,2-Trichloroethane	--	14000 U	0.7 U	2 U
1,1-Dichloroethane	200	20000 U	0.7 U	2 U
1,1-Dichloroethene	400	12000 U	0.7 U	2 U
1,2,4-Trichlorobenzene	--	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA
1,2-Dichloroethane	100	46000 U	0.5 U	2 U
1,2-Dichloroethene (total)	--	25000 U	3 J	2 U
1,2-Dichloropropane	--	10000 U	0.5 U	2 U
1,3-Dichlorobenzene	--	NA	NA	NA
1,3-Dichloropropene, cis-	--	14000 U	0.5 U	2 U
1,3-Dichloropropene, trans-	--	13000 U	0.5 U	2 U
1,4-Dichlorobenzene	--	NA	NA	NA
2-Butanone	300	65000 U	4 U	12 U
2-Hexanone	--	61000 U	5 U	15 U
4-Methyl-2-pentanone	1000	73000 U	4 U	12 U
Acetone	200	430000 U	11 J	22 U
Benzene	60	160000 J	76	67
Bromodichloromethane	--	15000 U	0.7 U	2 U
Bromoform	--	16000 U	0.8 U	3 U
Bromomethane	--	36000 U	3 U	11 U
Carbon disulfide	2700	1300 U	0.3 U	0.8 U
Carbon tetrachloride	600	21000 U	0.5 U	2 U
Chlorobenzene	1700	3300000	1 J	65
Chloroethane	1900	25000 U	0.9 U	3 U
Chloroform	300	50000 U	0.8 U	3 U
Chloromethane	--	23000 U	1 U	3 U
Dibromochloromethane	--	15000 U	0.5 U	2 U
Ethylbenzene	5500	48000 J	2 J	4 J
Methylene chloride	100	96000 J	2 JB	9 JB
Styrene	--	26000 U	0.7 U	2 U
Tetrachloroethene	1400	34000 U	0.5 U	2 U
Toluene	1500	30000 U	32	11 J
Trichloroethene	700	11000 U	1 J	2 U
Vinyl acetate	--	67000 U	4 U	13 U
Vinyl chloride	200	36000 U	0.5 U	2 U
Xylene (total)	1200	230000	6 J	29

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J - Estimated value

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NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

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Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: PE-AREA1-B-42 PE-AREA1-B-43 PE-AREA1-B-44 PE-AREA1-B-45 PE-AREA1-B-46 PE-AREA1-B-47 PE-AREA1-B-48	Sample Date:	09/09/02	09/09/02	09/09/02	09/09/02	09/09/02
1,1,1-Trichloroethane	800	0.8 U	8600 U	800 U	610 U	110 U	1 U	1 U
1,1,2,2-Tetrachloroethane	600	1 U	12000 U	1100 U	860 U	150 U	2 U	2 U
1,1,2-Trichloroethane	--	0.8 U	5700 U	540 U	400 U	72 U	1 U	1 U
1,1-Dichloroethane	200	0.8 U	8300 U	770 U	580 U	100 U	1 U	1 U
1,1-Dichloroethene	400	0.8 U	4700 U	440 U	330 U	59 U	1 U	1 U
1,2,4-Trichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	100	0.7 U	18000 U	1700 U	1300 U	230 U	0.8 U	0.8 U
1,2-Dichloroethene (total)	--	0.8 U	10000 U	930 U	710 U	130 U	1 U	1 U
1,2-Dichloropropane	--	0.7 U	4200 U	390 U	290 U	52 U	0.8 U	0.8 U
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene, cis-	--	0.7 U	5700 U	530 U	400 U	71 U	0.8 U	0.8 U
1,3-Dichloropropene, trans-	--	0.7 U	5400 U	510 U	380 U	68 U	0.8 U	0.8 U
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
2-Butanone	300	5 U	26000 U	2500 U	1900 U	330 U	6 U	6 U
2-Hexanone	--	6 U	25000 U	2300 U	1800 U	310 U	7 U	7 U
4-Methyl-2-pentanone	1000	5 U	29000 U	2800 U	2100 U	370 U	6 U	6 U
Acetone	200	9 U	170000 U	16000 U	12000 U	2200 U	11 U	11 U
Benzene	60	17	17000 J	580 U	17000	2400	1 U	1 U
Bromodichloromethane	--	0.8 U	6100 U	570 U	430 U	77 U	1 U	1 U
Bromoform	--	1 U	6600 U	620 U	470 U	84 U	1 U	1 U
Bromomethane	--	4 U	15000 U	1400 U	1000 U	190 U	5 U	5 U
Carbon disulfide	2700	0.3 U	540 U	51 U	38 U	7 U	0.4 U	0.4 U
Carbon tetrachloride	600	0.7 U	8600 U	800 U	610 U	110 U	0.8 U	0.8 U
Chlorobenzene	1700	16	2800000	160000	77000	440 J	48	48
Chloroethane	1900	1 U	10000 U	930 U	710 U	130 U	1 U	1 U
Chloroform	300	1 U	20000 U	1900 U	1400 U	260 U	1 U	1 U
Chloromethane	--	1 U	9400 U	880 U	670 U	120 U	2 U	2 U
Dibromochloromethane	--	0.7 U	6200 U	580 U	440 U	78 U	0.8 U	0.8 U
Ethylbenzene	5500	0.7 U	18000 J	980 U	880 J	370 J	0.8 U	0.8 U
Methylene chloride	100	2 U	17000 U	1600 U	1200 U	220 U	4 J	4 J
Styrene	--	0.8 U	11000 U	990 U	750 U	130 U	1 U	1 U
Tetrachloroethene	1400	0.7 U	14000 U	1300 U	980 U	180 U	0.8 U	0.8 U
Toluene	1500	0.7 U	12000 U	1100 U	860 U	150 U	0.8 U	0.8 U
Trichloroethene	700	5 J	4400 U	410 U	310 U	55 U	4 J	4 J
Vinyl acetate	--	5 U	27000 U	2500 U	1900 U	340 U	6 U	6 U
Vinyl chloride	200	0.7 U	15000 U	1400 U	1000 U	190 U	0.8 U	0.8 U
Xylene (total)	1200	12	36000 U	3400 U	23000	2600	2 U	2 U

B - Analyte detected in laboratory blank

J - Estimated value

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µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

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Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation: PE-AREA1-B-48D PE-AREA1-B-49 PE-AREA1-B-50 PE-AREA1-B-51 PE-AREA1-B-52 PE-AREA1-B-53 PE-AREA1-B-54	
	RSCOs	Sample Date:		
	(µg/kg)			
1,1,1-Trichloroethane	800	3 U	100 U	0.6 U
1,1,2,2-Tetrachloroethane	600	5 U	140 U	1 U
1,1,2-Trichloroethane	--	3 U	67 U	0.6 U
1,1-Dichloroethane	200	3 U	97 U	0.6 U
1,1-Dichloroethene	400	3 U	55 U	0.6 U
1,2,4-Trichlorobenzene	--	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA
1,2-Dichloroethane	100	2 U	220 U	0.4 U
1,2-Dichloroethene (total)	--	3 U	120 U	0.6 U
1,2-Dichloropropane	--	2 U	49 U	0.4 U
1,3-Dichlorobenzene	--	NA	NA	NA
1,3-Dichloropropene, cis-	--	2 U	66 U	0.4 U
1,3-Dichloropropene, trans-	--	2 U	64 U	0.4 U
1,4-Dichlorobenzene	--	NA	NA	NA
2-Butanone	300	15 U	310 U	3 U
2-Hexanone	--	18 U	290 U	4 U
4-Methyl-2-pentanone	1000	14 U	350 U	3 U
Acetone	200	26 U	2000 U	6 U
Benzene	60	3 U	330 J	1 J
Bromodichloromethane	--	3 U	72 U	0.6 U
Bromoform	--	3 U	78 U	0.7 U
Bromomethane	--	13 U	170 U	3 U
Carbon disulfide	2700	1 U	6 U	0.2 U
Carbon tetrachloride	600	2 U	100 U	0.4 U
Chlorobenzene	1700	56	970	53
Chloroethane	1900	4 U	120 U	0.8 U
Chloroform	300	3 U	240 U	0.7 U
Chloromethane	--	4 U	110 U	0.9 U
Dibromochloromethane	--	2 U	73 U	0.4 U
Ethylbenzene	5500	2 U	120 U	0.4 U
Methylene chloride	100	8 J	210 U	1 U
Styrene	--	3 U	120 U	0.6 U
Tetrachloroethene	1400	2 U	160 U	0.4 U
Toluene	1500	2 U	140 U	0.4 U
Trichloroethene	700	3 U	59 J	10
Vinyl acetate	--	15 U	320 U	3 U
Vinyl chloride	200	2 U	170 U	0.4 U
Xylene (total)	1200	6 U	430 U	4 J

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-- No NYSDEC RSCO available

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Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-S-1 PE-AREA1-S-2 PE-AREA1-S-3 PE-AREA1-S-4 PE-AREA1-S-5 PE-AREA1-S-6 PE-AREA1-S-7 PE-AREA1-S-8							
	NYSDEC RSCOs		Sample Date:		09/10/02		09/10/02	
1,1,1-Trichloroethane	800	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.6 U
1,1,2,2-Tetrachloroethane	600	1 U	0.9 U	0.9 U	1 U	3 U	3 U	1 U
1,1,2-Trichloroethane	--	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.6 U
1,1-Dichloroethane	200	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.6 U
1,1-Dichloroethene	400	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.6 U
1,2,4-Trichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	100	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	0.5 U
1,2-Dichloroethene (total)	--	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.6 U
1,2-Dichloropropane	--	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	0.5 U
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene, cis-	--	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	0.5 U
1,3-Dichloropropene, trans-	--	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	0.5 U
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
2-Butanone	300	3 U	3 U	3 U	3 U	48	10 U	4 U
4-Hexanone	--	4 U	4 U	4 U	4 U	11 U	12 U	4 U
4-Methyl-2-pentanone	1000	3 U	3 U	3 U	3 U	9 U	9 U	3 U
Acetone	200	5 U	5 U	6 U	16	200	17 U	23
Benzene	60	0.5 U	0.5 U	0.5 U	0.5 U	7 J	46	0.6 U
Bromodichloromethane	--	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.6 U
Bromoform	--	0.6 U	0.6 U	0.6 U	0.6 U	2 U	2 U	0.7 U
Bromomethane	--	3 U	3 U	3 U	3 U	8 U	8 U	3 U
Carbon disulfide	2700	0.2 U	0.2 U	0.2 U	0.4 J	0.6 U	1 J	0.2 U
Carbon tetrachloride	600	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	0.5 U
Chlorobenzene	1700	0.5 U	0.5 U	0.5 U	0.5 U	18	740 A	10
Chloroethane	1900	0.7 U	0.7 U	0.7 U	0.7 U	2 U	2 U	0.9 U
Chloroform	300	0.6 U	0.6 U	0.6 U	0.6 U	2 U	2 U	0.7 U
Chloromethane	--	0.8 U	0.8 U	0.8 U	0.8 U	2 U	3 U	1 U
Dibromochloromethane	--	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	0.5 U
Ethylbenzene	5500	0.4 U	0.4 U	0.4 U	0.4 U	1 U	7 J	0.5 U
Methylene chloride	100	1 U	1 U	1 U	2 JB	5 JB	8 JB	3 JB
Styrene	--	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.6 U
Tetrachloroethene	1400	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	0.5 U
Toluene	1500	0.4 U	0.4 U	0.4 U	0.4 U	1 U	15 J	0.5 U
Trichloroethene	700	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	0.6 U
Vinyl acetate	--	3 U	3 U	3 U	3 U	9 U	10 U	4 U
Vinyl chloride	200	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	0.5 U
Xylene (total)	1200	1 U	1 U	1 U	1 U	3 U	38	4 J

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per Kilogram

-- No NYSDC RSCO available

NYSDC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-S-9 PE-AREA1-S-9B PE-AREA1-S-9D PE-AREA1-S-10 PE-AREA1-S-11 PE-AREA1-S-12 PE-AREA1-S-13					
	NYSDEC RSCOs (µg/kg)	09/10/02	11/07/02	09/10/02	09/10/02	09/10/02
1,1,1-Trichloroethane	800	1 U	2400 U	1 U	0.5 U	0.6 U
1,1,2,2-Tetrachloroethane	600	2 U	3400 U	2 U	1 U	1 U
1,1,1,2-Trichloroethane	--	1 U	1600 U	1 U	0.5 U	0.6 U
1,1-Dichloroethane	200	1 U	2300 U	1 U	0.5 U	0.6 U
1,1-Dichloroethene	400	1 U	1300 U	1 U	0.5 U	0.6 U
1,2,4-Trichlorobenzene	--	NA	20000 U	NA	NA	NA
1,2-Dichlorobenzene	--	NA	3500 U	NA	NA	NA
1,2-Dichloroethane	100	1 U	5200 U	17 H	0.4 U	0.5 U
1,2-Dichloroethene (total)	--	1 U	2800 U	1 U	0.5 U	0.6 U
1,2-Dichloropropane	--	1 U	1200 U	0.9 U	0.4 U	0.5 U
1,3-Dichlorobenzene	--	NA	3300 U	NA	NA	NA
1,3-Dichloropropene, cis-	--	1 U	1600 U	0.9 U	0.4 U	0.5 U
1,3-Dichloropropene, trans-	--	1 U	1500 U	0.9 U	0.4 U	0.5 U
1,4-Dichlorobenzene	--	NA	4000 U	NA	NA	NA
2-Butanone	300	7 U	7500 U	7 U	3 U	3 U
2-Hexanone	--	9 U	7000 U	8 U	4 U	4 U
4-Methyl-2-pentanone	1000	7 U	8300 U	6 U	3 U	3 U
Acetone	200	32	49000 U	12 U	6 U	6 U
Benzene	60	59	1800 U	260	2 J	0.6 U
Bromodichloromethane	--	1 U	1700 U	1 U	0.5 U	0.6 U
Bromoform	--	1 U	1900 U	1 U	0.6 U	0.7 U
Bromomethane	--	6 U	4100 U	6 U	3 U	3 U
Carbon disulfide	2700	0.5 U	150 U	0.5 U	0.2 U	0.2 U
Carbon tetrachloride	600	1 U	2400 U	0.9 U	0.4 U	0.5 U
Chlorobenzene	1700	12 J	360000	29	18	0.6 U
Chloroethane	1900	2 U	2800 U	2 U	0.7 U	0.8 U
Chloroform	300	3 J	5700 U	9 J	0.6 U	0.7 U
Chloromethane	--	2 U	2700 U	2 U	0.9 U	1 U
Dibromochloromethane	--	1 U	1700 U	0.9 U	0.4 U	0.5 U
Ethylbenzene	5500	1 U	3000 U	0.9 U	0.4 U	0.5 U
Methylene chloride	100	4 JB	8300 J	4 JB	2 JB	3 JB
Styrene	--	1 U	3000 U	1 U	0.5 U	0.6 U
Tetrachloroethene	1400	1 U	3900 U	0.9 U	0.4 U	0.5 U
Toluene	1500	7 J	3400 U	25	0.4 U	0.5 U
Trichloroethene	700	1 U	1200 U	1 U	0.5 U	0.6 U
Vinyl acetate	--	7 U	7600 U	7 U	3 U	4 U
Vinyl chloride	200	1 U	4100 U	0.9 U	0.4 U	0.5 U
Xylene (total)	1200	3 U	10000 U	6 J	2 J	1 U

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-S-13B PE-AREA1-S-14 PE-AREA1-S-15 PE-AREA1-S-16 PE-AREA1-S-17 PE-AREA1-S-18 PE-AREA1-S-19				
	NYSDEC RSCOs (µg/kg)	Sample Date: 11/07/02	09/10/02	09/10/02	09/10/02
1,1,1-Trichloroethane	800	100 U	0.6 U	0.9 U	0.7 U
1,1,1,2,2-Tetrachloroethane	600	140 U	1 U	2 U	1 U
1,1,1,2-Trichloroethane	--	68 U	0.6 U	0.9 U	0.7 U
1,1-Dichloroethane	200	98 U	0.6 U	0.9 U	0.7 U
1,1-Dichloroethene	400	55 U	1 J	0.9 U	0.7 U
1,2,4-Trichlorobenzene	--	820 U	NA	NA	NA
1,2-Dichlorobenzene	--	150 U	NA	NA	NA
1,2-Dichloroethane	100	220 U	0.5 U	0.7 U	0.6 U
1,2-Dichloroethene (total)	--	120 U	72	0.9 U	0.7 U
1,2-Dichloropropane	--	49 U	0.5 U	0.7 U	0.6 U
1,3-Dichlorobenzene	--	540 J	NA	NA	NA
1,3-Dichloropropene, cis-	--	67 U	0.5 U	0.7 U	0.6 U
1,3-Dichloropropene, trans-	--	64 U	0.5 U	0.7 U	0.6 U
1,4-Dichlorobenzene	--	170 UM	NA	NA	NA
2-Butanone	300	310 U	19	10 J	12 J
2-Hexanone	--	290 U	4 U	6 U	5 U
4-Methyl-2-pentanone	1000	350 U	3 U	5 U	4 U
Acetone	200	2000 U	65	23	46
Benzene	60	2200	23	10	3 J
Bromodichloromethane	--	72 U	0.6 U	0.9 U	0.7 U
Bromoform	--	78 U	0.7 U	1 U	0.8 U
Bromomethane	--	240 J	3 U	4 U	3 U
Carbon disulfide	2700	6 U	3 J	0.7 J	3 J
Carbon tetrachloride	600	100 U	0.5 U	0.7 U	0.6 U
Chlorobenzene	1700	7500	170	20	24
Chloroethane	1900	120 U	0.8 U	1 U	1 U
Chloroform	300	240 U	0.7 U	1 U	0.8 U
Chloromethane	--	110 U	0.9 U	1 U	1 U
Dibromochloromethane	--	73 U	0.5 U	0.7 U	0.6 U
Ethylbenzene	5500	140 J	2 J	0.7 U	0.6 U
Methylene chloride	100	400 J	4 JB	7 JB	4 JB
Styrene	--	130 U	0.6 U	0.9 U	0.7 U
Tetrachloroethene	1400	160 U	6	0.7 U	0.6 U
Toluene	1500	140 U	3 J	0.7 U	0.9 J
Trichloroethene	700	51 U	67 H	0.9 U	0.7 U
Vinyl acetate	--	320 U	3 U	5 U	4 U
Vinyl chloride	200	170 U	0.5 U	0.7 U	0.6 U
Xylene (total)	1200	430 U	11	2 U	2 J

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: PE-AREA1-S-20 PE-AREA1-S-21 PE-AREA1-S-22 PE-AREA1-S-23 PE-AREA1-S-24 PE-AREA1-S-25 PE-AREA1-S-26						
		Sample Date:		09/10/02	09/10/02	09/10/02	09/10/02	09/10/02
1,1,1-Trichloroethane	800	0.6 U	0.5 U	2100 U	330000 U	380 U	3 U	0.7 U
1,1,2,2-Tetrachloroethane	600	1 U	0.9 U	2900 U	470000 U	530 U	5 U	1 U
1,1,2-Trichloroethane	--	0.6 U	0.5 U	1400 U	220000 U	250 U	3 U	0.7 U
1,1-Dichloroethane	200	0.6 U	0.5 U	2000 U	320000 U	360 U	3 U	0.7 U
1,1-Dichloroethene	400	0.6 U	0.5 U	1100 U	180000 U	200 U	3 U	0.7 U
1,2,4-Trichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	100	0.5 U	0.4 U	4400 U	720000 U	810 U	14 J	3 J
1,2-Dichloroethene (total)	--	0.6 U	0.5 U	13000 J	390000 U	440 U	3 U	0.7 U
1,2-Dichloropropane	--	0.5 U	0.4 U	1000 U	160000 U	180 U	2 U	0.6 U
1,3-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropene, cis-	--	0.5 U	0.4 U	1400 U	220000 U	250 U	2 U	0.6 U
1,3-Dichloropropene, trans-	--	0.5 U	0.4 U	1300 U	210000 U	240 U	2 U	0.6 U
1,4-Dichlorobenzene	--	NA	NA	NA	NA	NA	NA	NA
2-Butanone	300	4 U	3 U	6400 U	1000000 U	1200 U	35 J	4 U
2-Hexanone	--	4 U	4 U	6000 U	970000 U	1100 U	21 U	5 U
4-Methyl-2-pentanone	1000	4 U	3 U	7100 U	1200000 U	1300 U	17 U	4 U
Acetone	200	7 U	5 U	42000 U	6700000 U	7500 U	130	7 U
Benzene	60	2 J	0.5 U	510000	240000 U	2000 J	13 J	0.9 J
Bromodichloromethane	--	0.6 U	0.5 U	1500 U	240000 U	270 U	3 U	0.7 U
Bromoform	--	0.8 U	0.6 U	1600 U	260000 U	290 U	4 U	0.8 U
Bromomethane	--	3 U	3 U	3500 U	570000 U	640 U	15 U	3 U
Carbon disulfide	2700	0.7 J	0.2 U	130 U	21000 U	24 U	5 J	0.3 U
Carbon tetrachloride	600	0.5 U	0.4 U	2100 U	340000 U	380 U	2 U	0.6 U
Chlorobenzene	1700	5 J	2 J	98000	42000000	96000	440	11 B
Chloroethane	1900	0.9 U	0.7 U	2400 U	390000 U	440 U	4 U	1 U
Chloroform	300	0.8 U	0.6 U	4900 U	790000 U	890 U	4 U	0.8 U
Chloromethane	--	1 U	0.8 U	2300 U	370000 U	410 U	5 U	1 U
Dibromochloromethane	--	0.5 U	0.4 U	1500 U	240000 U	270 U	2 U	0.6 U
Ethylbenzene	5500	0.5 U	0.4 U	2500 U	1100000 J	2200 J	2 U	0.6 U
Methylene chloride	100	4 JB	2 JB	4500 J	680000 U	800 J	8 JB	2 UB
Styrene	--	0.6 U	0.5 U	2600 U	410000 U	460 U	3 U	0.7 U
Tetrachloroethene	1400	0.5 U	0.4 U	3300 U	540000 U	610 U	2 U	0.6 U
Toluene	1500	0.5 J	0.4 U	2900 U	480000 U	2400 J	7 J	0.6 U
Trichloroethene	700	0.6 U	0.5 U	18000	170000 U	190 U	3 U	0.7 U
Vinyl acetate	--	4 U	3 U	6500 U	1100000 U	1200 U	18 U	4 U
Vinyl chloride	200	0.5 U	0.4 U	3500 U	570000 U	640 U	2 U	0.6 U
Xylene (total)	1200	1 U	1 U	8700 U	6200000	12000	19 J	2 U

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Kesselslaer, Kesselslaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-S-27 PE-AREA1-S-28 PE-AREA1-S-29 PE-AREA1-S-30 PE-AREA1-S-30B PE-AREA1-S-30D PE-AREA1-S-31				
	NYSDEC RSCOs (µg/kg)	Sample Date:	09/10/02	09/10/02	09/10/02
1,1,1-Trichloroethane	800	0.6 U	0.7 U	0.5 U	130 U
1,1,2,2-Tetrachloroethane	600	1 U	1 U	0.9 U	190 U
1,1,2-Trichloroethane	--	0.6 U	0.7 U	0.5 U	89 U
1,1-Dichloroethane	200	0.6 U	0.7 U	0.5 U	130 U
1,1-Dichloroethene	400	0.6 U	0.7 U	0.5 U	73 U
1,2,4-Trichlorobenzene	--	NA	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA	NA
1,2-Dichloroethane	100	0.5 U	0.5 U	0.4 U	290 U
1,2-Dichloroethene (total)	--	0.6 U	0.7 U	0.5 U	160 U
1,2-Dichloropropane	--	0.5 U	0.5 U	0.4 U	65 U
1,3-Dichlorobenzene	--	NA	NA	NA	NA
1,3-Dichloropropene, cis-	--	0.5 U	0.5 U	0.4 U	88 U
1,3-Dichloropropene, trans-	--	0.5 U	0.5 U	0.4 U	85 U
1,4-Dichlorobenzene	--	NA	NA	NA	NA
2-Butanone	300	4 U	4 U	3 U	410 U
2-Hexanone	--	4 U	5 U	4 U	390 U
4-Methyl-2-pentanone	1000	4 U	4 U	3 U	460 U
Acetone	200	7 U	7 U	5 U	2700 U
Benzene	60	0.6 U	0.7 U	0.6 J	97 U
Bromodichloromethane	--	0.6 U	0.7 U	0.5 U	96 U
Bromoform	--	0.8 U	0.8 U	0.6 U	100 U
Bromomethane	--	3 U	3 U	3 U	230 U
Carbon disulfide	2700	0.3 J	0.3 U	0.2 U	8 U
Carbon tetrachloride	600	0.5 U	0.5 U	0.4 U	130 U
Chlorobenzene	1700	3 J	0.9 J	63	26000
Chloroethane	1900	0.9 U	0.9 U	0.7 U	160 U
Chloroform	300	0.8 U	0.8 U	0.6 U	320 U
Chloromethane	--	1 U	0.9 U	0.8 U	150 U
Dibromochloromethane	--	0.5 U	0.5 U	0.4 U	96 U
Ethylbenzene	5500	0.5 U	0.5 U	0.4 U	160 U
Methylene chloride	100	2 JB	2 JB	2 JB	270 UH
Styrene	--	0.6 U	0.7 U	0.5 U	170 U
Tetrachloroethene	1400	0.5 U	0.5 U	0.4 U	220 U
Toluene	1500	0.5 U	0.5 U	0.4 U	190 U
Trichloroethene	700	0.6 U	0.7 U	0.5 U	68 U
Vinyl acetate	--	4 U	4 U	3 U	420 U
Vinyl chloride	200	0.5 U	0.5 U	0.4 U	230 U
Xylene (total)	1200	1 U	1 U	1 U	570 U

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC		Sample Designation: PE-AREA1-S-32 PE-AREA1-S-33 PE-AREA2-S-1 PE-AREA2-S-2 PE-AREA2-S-3 PE-AREA2-S-4 PE-AREA4B-S-1 PE-AREA4B-S-2		Sample Date:	
	RSCOs	(µg/kg)	09/10/02	09/10/02	09/24/02	09/24/02
1,1,1-Trichloroethane	800		0.6 U	0.5 U	0.6 U	0.6 U
1,1,2,2-Tetrachloroethane	600		1 U	1 U	1 U	0.5 U
1,1,2-Trichloroethane	--		0.6 U	0.5 U	0.6 U	1 U
1,1-Dichloroethane	200		0.6 U	0.6 U	0.6 U	0.5 U
1,1-Dichloroethene	400		0.6 U	0.5 U	0.6 U	0.5 U
1,2,4-Trichlorobenzene	--		NA	NA	NA	NA
1,2-Dichlorobenzene	--		NA	NA	NA	NA
1,2-Dichloroethane	100		0.4 U	0.4 U	0.4 U	0.4 U
1,2-Dichloroethene (total)	--		0.6 U	0.5 U	0.6 U	0.5 U
1,2-Dichloropropane	--		0.4 U	0.4 U	0.4 U	0.4 U
1,3-Dichlorobenzene	--		NA	NA	NA	NA
1,3-Dichloropropene, cis-	--		0.4 U	0.4 U	0.4 U	0.4 U
1,3-Dichloropropene, trans-	--		0.4 U	0.5 U	0.9 U	0.4 U
1,4-Dichlorobenzene	--		NA	NA	NA	NA
2-Butanone	300		3 U	3 U	3 U	3 U
2-Hexanone	--		4 U	4 U	8 U	4 U
4-Methyl-2-pentanone	1000		3 U	3 U	3 U	3 U
Acetone	200		6 U	6 U	12 U	6 U
Benzene	60		1 J	1 J	4 J	7
Bromodichloromethane	--		0.6 U	0.6 U	1 U	0.6 U
Bromoform	--		0.7 U	0.7 U	0.7 U	0.6 U
Bromomethane	--		3 U	3 U	6 U	3 U
Carbon disulfide	2700		0.2 U	0.2 U	0.2 U	0.2 U
Carbon tetrachloride	600		0.4 U	0.5 U	0.9 U	0.4 U
Chlorobenzene	1700		5 JB	2 JB	33	0.5 U
Chloroethane	1900		0.8 U	0.8 U	0.8 U	0.8 U
Chloroform	300		0.7 U	0.7 U	1 U	0.6 U
Chloromethane	--		0.9 U	0.9 U	2 U	0.9 U
Dibromochloromethane	--		0.4 U	0.5 U	0.9 U	0.4 U
Ethylbenzene	5500		0.4 U	0.5 U	10	0.4 U
Methylene chloride	100		1 JB	3 JB	2 JB	6
Styrene	--		0.6 U	0.6 U	1 U	2 JB
Tetrachloroethene	1400		0.4 U	0.5 U	1 U	0.5 U
Toluene	1500		0.4 U	0.4 U	0.9 U	0.4 U
Trichloroethene	700		0.6 U	0.6 U	2 J	0.4 U
Vinyl acetate	--		3 U	3 U	7 U	0.5 U
Vinyl chloride	200		0.4 U	0.5 U	0.4 U	3 U
Xylene (total)	1200		1 U	1 U	65	0.4 U
B - Analyte detected in laboratory blank						
J - Estimated value						
U - Indicates that the compound was analyzed for but not detected						
NA - Not analyzed						
µg/kg - Micrograms per kilogram						
-- No NYSDC RSCO available						
NYSDC - New York State Department of Environmental Conservation						
RSCOs - Recommended Soil Cleanup Objectives						
Note:						
Bold data indicates that parameter was detected above the NYSDC RSCOs						

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: PE-AREA4B-S-3 PE-AREA4B-S-4 PE-AREA4B-S-5 PE-AREA4B-S-6 PE-AREA4B-S-7 PE-AREA4B-S-7D PE-AREA4B-S-8	Sample Date:
		09/24/02	09/24/02
1,1,1-Trichloroethane	800	0.6 U	0.6 U
1,1,2,2-Tetrachloroethane	600	1 U	1 U
1,1,2-Trichloroethane	--	0.6 U	0.6 U
1,1-Dichloroethane	200	0.6 U	0.6 U
1,1-Dichloroethane	400	0.6 U	0.6 U
1,2,4-Trichlorobenzene	--	NA	NA
1,2-Dichlorobenzene	--	NA	NA
1,2-Dichloroethane	100	0.5 U	0.5 U
1,2-Dichloroethane (total)	--	0.6 U	0.6 U
1,2-Dichloropropane	--	0.5 U	0.5 U
1,3-Dichlorobenzene	--	NA	NA
1,3-Dichloropropene, cis-	--	0.5 U	0.5 U
1,3-Dichloropropene, trans-	--	0.5 U	0.5 U
1,4-Dichlorobenzene	--	NA	NA
2-Butanone	300	3 U	3 U
2-Hexanone	--	4 U	4 U
4-Methyl-2-pentanone	1000	3 U	3 U
Acetone	200	6 U	6 U
Benzene	60	0.6 U	0.6 U
Bromodichloromethane	--	0.6 U	0.6 U
Bromoform	--	0.7 U	0.7 U
Bromomethane	--	3 U	3 U
Carbon disulfide	2700	0.2 U	0.2 U
Carbon tetrachloride	600	0.5 U	0.5 U
Chlorobenzene	1700	0.6 U	0.6 U
Chloroethane	1900	0.8 U	0.8 U
Chloroform	300	0.7 U	0.7 U
Chloromethane	--	0.9 U	0.9 U
Dibromochloromethane	--	0.5 U	0.5 U
Ethylbenzene	5500	0.5 U	0.5 U
Methylene chloride	100	1 U	1 U
Styrene	--	0.6 U	0.6 U
Tetrachloroethene	1400	0.5 U	0.5 U
Toluene	1500	0.5 U	0.5 U
Trichloroethene	700	0.6 U	0.6 U
Vinyl acetate	--	3 U	4 U
Vinyl chloride	200	0.5 U	0.5 U
Xylene (total)	1200	1 U	1 U

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDEC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 1. Summary of Volatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: PE-AREA4B-S-9	PE-AREA4B-S-10	PE-AREA4B-S-11	PE-AREA4B-S-12
		Sample Date:	09/24/02	09/24/02	09/24/02
1,1,1-Trichloroethane	800	0.6 U	0.5 U	0.5 U	0.6 U
1,1,2,2-Tetrachloroethane	600	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	--	0.6 U	0.5 U	0.5 U	0.6 U
1,1-Dichloroethane	200	0.6 U	0.5 U	0.5 U	0.6 U
1,1-Dichloroethene	400	0.6 U	0.5 U	0.5 U	0.6 U
1,2,4-Trichlorobenzene	--	NA	NA	NA	NA
1,2-Dichlorobenzene	--	NA	NA	NA	NA
1,2-Dichloroethane	100	0.5 U	0.4 U	0.4 U	140
1,2-Dichloroethene (total)	--	0.6 U	0.5 U	0.5 U	0.6 U
1,2-Dichloropropane	--	0.5 U	0.4 U	0.4 U	0.5 U
1,3-Dichlorobenzene	--	NA	NA	NA	NA
1,3-Dichloropropene, cis-	--	0.5 U	0.4 U	0.4 U	0.5 U
1,3-Dichloropropene, trans-	--	0.5 U	0.4 U	0.4 U	0.5 U
1,4-Dichlorobenzene	--	NA	NA	NA	NA
2-Butanone	300	4 U	3 U	3 U	3 U
2-Hexanone	--	4 U	4 U	4 U	4 U
4-Methyl-2-pentanone	1000	3 U	3 U	3 U	3 U
Acetone	200	6 U	6 U	6 U	6 U
Benzene	60	0.6 U	10	22	29
Bromodichloromethane	--	0.6 U	0.5 U	0.5 U	0.6 U
Bromoform	--	0.7 U	0.6 U	0.6 U	0.7 U
Bromomethane	--	3 U	3 U	3 U	3 U
Carbon disulfide	2700	0.2 U	0.2 U	0.2 U	0.2 U
Carbon tetrachloride	600	0.5 U	0.4 U	0.4 U	0.5 U
Chlorobenzene	1700	0.6 U	8	8	140
Chloroethane	1900	0.9 U	0.8 U	0.7 U	0.8 U
Chloroform	300	0.7 U	0.6 U	0.6 U	0.7 U
Chloromethane	--	1 U	0.9 U	0.9 U	0.9 U
Dibromochloromethane	--	0.5 U	0.4 U	0.4 U	0.5 U
Ethylbenzene	5500	0.5 U	0.4 U	0.4 U	0.5 U
Methylene chloride	100	4 JB	1 U	1 JB	3 JB
Styrene	--	0.6 U	0.5 U	0.5 U	0.6 U
Tetrachloroethene	1400	0.5 U	0.4 U	0.4 U	0.5 U
Toluene	1500	0.5 U	0.4 U	0.4 U	3 J
Trichloroethene	700	0.6 U	0.5 U	0.5 U	0.6 U
Vinyl acetate	--	4 U	3 U	3 U	3 U
Vinyl chloride	200	0.5 U	0.4 U	0.4 U	0.5 U
Xylene (total)	1200	1 U	1 U	1 U	7

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

-- No NYSDC RSCO available

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

Note:

Bold data indicates that parameter was detected above the NYSDC RSCOs

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-B-1 PE-AREA1-B-4 PE-AREA1-B-10 PE-AREA1-B-17 PE-AREA1-B-26			
	NYSDEC RSCOs (µg/kg)	Sample Date:	09/09/02	09/09/02
1,2,4-Trichlorobenzene	3400	500	630 J	28 U
1,2-Dichlorobenzene	7900	18 U	8400	20 U
1,3-Dichlorobenzene	1600	16 U	100 U	18 U
1,4-Dichlorobenzene		36 JQ	1700 J	21 U
2,4,5-Trichlorophenol	100	10 U	62 U	11 U
2,4-Dinitrotoluene	--	19 U	120 U	21 U
2,6-Dinitrotoluene	100	14 U	87 U	16 U
2-Chloronaphthalene	--	19 U	120 U	21 U
2-Methylnaphthalene	36400	29 U	2200 Q	31 U
2-Nitroaniline	430	23 U	140 U	24 U
3-Nitroaniline	500	18 U	110 U	20 U
4-Bromodiphenyl ether	--	13 U	81 U	14 U
4-Chlorophenyl phenyl ether	--	16 U	100 U	18 U
4-Nitroaniline	--	25 U	150 U	27 U
4-Nitrophenol	100	87 U	530 U	94 U
Acenaphthene	50000	15 U	94 U	17 U
Acenaphthylene	50000	11 U	69 U	12 U
Anthracene	50000	12 U	2600 Q	13 U
Benzo[a]anthracene	224	15 U	180 JQ	23 JM
Benzo[a]pyrene	61	16 U	100 U	22 JM
Benzo[b]fluoranthene	220	39 U	240 U	42 UM
Benzo[g,h,i]perylene	50000	17 U	110 U	19 U
Benzo[k]fluoranthene	220	40 U	240 U	43 UM
Bis(2-chloroethoxy)methane	--	14 U	87 U	16 U
Bis(2-chloroethyl)ether	--	110 U	640 U	110 U
Bis(2-ethylhexyl)phthalate	50000	87 JM	220 U	1200
Burylbenzyl phthalate	50000	13 U	81 U	14 U
Chrysene	400	17 U	190 JQ	29 JM
Di-n-butyl phthalate	8100	14 U	87 U	16 U
Di-n-octyl phthalate	50000	12 U	75 U	13 U
Di-n-propylnitrosamine	--	14 U	87 U	16 U
Dibenzo[a,h]anthracene	14	18 U	110 U	20 U
Dibenzofuran	6200	15 U	94 U	17 U
Diethyl phthalate	7100	17 U	110 U	19 U
Dimethyl phthalate	2000	15 U	94 U	17 U
Fluoranthene	50000	24 JM	270 J	34 JM
Fluorene	50000	20 U	120 U	22 U
Hexachlorobenzene	410	19 U	120 U	21 U
Hexachlorobutadiene	--	34 U	210 U	37 U

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-B-1 PE-AREA1-B-4 PE-AREA1-B-10 PE-AREA1-B-17 PE-AREA1-B-26			
	NYSDEC RSCOs (µg/kg)	Sample Date: 09/09/02 09/09/02 09/09/02 09/09/02		
Hexachlorocyclopentadiene	--	46 U	280 U	50 U
Hexachloroethane	--	22 U	130 U	23 U
Indeno[1,2,3-cd]pyrene	3200	18 U	110 U	20 U
Isophorone	4400	24 U	140 U	25 U
N-Nitrosodiphenylamine	--	16 U	4000	18 U
Naphthalene	13000	33 U	200 U	35 U
Nitrobenzene	200	26 U	160 U	28 U
Pentachlorophenol	1000	44 U	270 U	48 U
Phenanthrene	50000	25 U	220 J	27 U
Phenol	30	25 U	150 U	27 U
Pyrene	50000	24 JM	120 U	30 JM

A - Concentrations exceeds the instrument calibration range or below the reporting limit
 B - Analyte detected in laboratory blank
 H - Alternate peak selection upon analytical review
 J - Estimated value
 M - Manually integrated compound
 Q - Result was qualitatively confirmed but not quantified
 U - Indicates that the compound was analyzed for but not detected
 NA - Not analyzed
 µg/kg - Micrograms per kilogram
 NYSDEC - New York State Department of Environmental Conservation
 RSCOs - Recommended Soil Cleanup Objectives
 -- No NYSDEC RSCO available
Note:
 Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-B-36 PE-AREA1-B-42 PE-AREA1-S-4 PE-AREA1-S-8 PE-AREA1-S-9B			
	NYSDEC RSCOs	Sample Date:		
		09/09/02	09/10/02	11/07/02
Hexachlorocyclopentadiene	--	310 U	49 U	1500 U
Hexachloroethane	--	140 U	23 U	690 U
Indeno[1,2,3-cd]pyrene	3200	120 U	20 U	590 U
Isophorone	4400	160 U	25 U	760 U
N-Nitrosodiphenylamine	--	580 J	18 U	26000
Naphthalene	13000	220 U	35 U	1100 U
Nitrobenzene	200	170 U	27 U	820 U
Pentachlorophenol	1000	290 U	47 U	1400 U
Phenanthrene	50000	160 U	26 U	790 U
Phenol	30	160 U	26 U	790 U
Pyrene	50000	130 U	21 U	630 U

A - Concentrations exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

Q - Result was qualitatively confirmed but not quantified

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: PE-AREA1-S-13B PE-AREA1-S-14 PE-AREA1-S-18 PE-AREA1-S-22 PE-AREA1-S-26					
		Sample Date: 11/07/02	09/10/02	09/10/02	09/10/02	09/10/02	09/10/02
Hexachlorocyclopentadiene	--	580 U	290 U	3500 U	600 U	68 U	
Hexachloroethane	--	270 U	140 U	1600 U	280 U	32 U	
Indeno[1,2,3-cd]pyrene	3200	230 U	120 U	1400 U	240 U	27 U	
Isophorone	4400	300 U	150 U	1800 U	300 U	35 U	
N-Nitrosodiphenylamine	--	1400 J	300 J	4000 J	1400 JQ	24 U	
Naphthalene	13000	410 U	210 U	2500 U	970 JQ	48 U	
Nitrobenzene	200	320 U	160 U	1900 U	330 U	38 U	
Pentachlorophenol	1000	550 U	280 U	3400 U	570 U	2900	
Phenanthrene	50000	310 U	210 JM	1900 U	320 U	36 U	
Phenol	30	310 U	160 U	1900 U	15000 Q	360 JQ	
Pyrene	50000	250 U	410 JM	1500 U	250 U	29 JM	

A - Concentrations exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

Q - Result was qualitatively confirmed but not quantified

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-S-30B PE-AREA1-S-31 PE-AREA1-S-33 PE-AREA2-S-1 PE-AREA2-S-2			
	NYSDEC RSCOs (µg/kg)	Sample Date:	09/10/02	09/24/02
			09/10/02	09/24/02
1,2,4-Trichlorobenzene	3400	NA	63 U	140 J
1,2-Dichlorobenzene	7900	NA	430 J	20 U
1,3-Dichlorobenzene	1600	NA	40 U	18 U
1,4-Dichlorobenzene		NA	300 J	21 U
2,4,5-Trichlorophenol	100	10 U	25 U	11 U
2,4-Dinitrotoluene	--	20 U	48 U	21 U
2,6-Dinitrotoluene	100	15 U	35 U	15 U
2-Chloronaphthalene	--	20 U	48 U	21 U
2-Methylnaphthalene	36400	29 U	70 U	31 U
2-Nitroaniline	430	23 U	55 U	24 U
3-Nitroaniline	500	19 U	45 U	20 U
4-Bromodiphenyl ether	--	14 U	33 U	14 U
4-Chlorophenyl phenyl ether	--	17 U	40 U	18 U
4-Nitroaniline	--	25 U	60 U	26 U
4-Nitrophenol	100	89 U	210 U	93 U
Acenaphthene	50000	16 U	38 U	16 U
Acenaphthylene	50000	11 U	2000	98 J
Anthracene	50000	12 U	1200	100 J
Benzo[a]anthracene	224	17 U	2800	710
Benzo[a]pyrene	61	16 U	3600	860
Benzo[b]fluoranthene	220	40 U	3900 M	840 M
Benzo[g,h,i]perylene	50000	18 U	3800	680
Benzo[k]fluoranthene	220	41 UM	2200 M	660 M
Bis(2-chloroethoxy)methane	--	15 U	35 U	15 U
Bis(2-chloroethyl)ether	--	110 U	260 U	110 U
Bis(2-ethylhexyl)phthalate	50000	37 UB	90 U	63 JM
Butylbenzyl phthalate	50000	14 U	33 U	14 U
Chrysene	400	18 U	2600	770
Di-n-butyl phthalate	8100	15 U	35 U	15 U
Di-n-octyl phthalate	50000	12 U	30 U	13 U
Di-n-propylnitrosamine	--	15 U	35 U	15 U
Dibenzo[a,h]anthracene	14	19 U	1900	270 J
Dibenzofuran	6200	16 U	75 J	16 U
Diethyl phthalate	7100	18 U	43 U	19 U
Dimethyl phthalate	2000	16 U	38 U	16 U
Fluoranthene	50000	40 JM	4200	1000
Fluorene	50000	21 U	160 JQ	22 U
Hexachlorobenzene	410	20 U	48 U	21 U
Hexachlorobutadiene	--	34 U	83 U	36 U

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA1-S-30B PE-AREA1-S-31 PE-AREA1-S-33 PE-AREA2-S-1 PE-AREA2-S-2			
	NYSDEC RSCOs (µg/kg)	Sample Date:		
		10/30/02	09/10/02	09/24/02
Hexachlorocyclopentadiene	--	47 U	110 U	110 U
Hexachloroethane	--	22 U	53 U	50 U
Indeno[1,2,3-cd]pyrene	3200	19 U	4100	900
Isophorone	4400	24 U	58 U	54 U
N-Nitrosodiphenylamine	--	17 U	2600	97 J
Naphthalene	13000	33 U	98 JM	76 U
Nitrobenzene	200	26 U	63 U	59 U
Pentachlorophenol	1000	45 U	110 U	100 U
Phenanthrene	50000	25 U	1600	880
Phenol	30	25 U	670 JQ	57 U
Pyrene	50000	40 JM	4400	2200

A - Concentrations exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

Q - Result was qualitatively confirmed but not quantified

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: PE-AREA2-S-3	Sample Date: 09/24/02	PE-AREA2-S-4	Sample Date: 09/24/02	PE-AREA4B-S-1	Sample Date: 09/24/02	PE-AREA4B-S-2	Sample Date: 09/24/02	PE-AREA4B-S-3
1,2,4-Trichlorobenzene	3400	56 U	83 J	26 U	27 U	59 U				
1,2-Dichlorobenzene	7900	94 JQ	270 J	19 U	19 U	42 U				
1,3-Dichlorobenzene	1600	36 U	18 U	17 U	17 U	38 U				
1,4-Dichlorobenzene		86 JQ	110 J	20 U	20 U	45 U				
2,4,5-Trichlorophenol	100	22 U	11 U	11 U	11 U	23 U				
2,4-Dinitrotoluene	--	42 U	21 U	20 U	20 U	45 U				
2,6-Dinitrotoluene	100	31 U	15 U	15 U	15 U	33 U				
2-Chloronaphthalene	--	42 U	21 U	20 U	20 U	45 U				
2-Methylnaphthalene	36400	62 U	78 JQ	30 U	30 U	66 U				
2-Nitroaniline	430	49 U	24 U	23 U	24 U	52 U				
3-Nitroaniline	500	40 U	20 U	19 U	19 U	42 U				
4-Bromodiphenyl ether	--	29 U	14 U	14 U	14 U	30 U				
4-Chlorophenyl phenyl ether	--	36 U	18 U	17 U	17 U	38 U				
4-Nitroaniline	--	53 U	27 U	25 U	26 U	56 U				
4-Nitrophenol	100	190 U	94 U	90 U	91 U	200 U				
Acenaphthene	50000	33 U	17 U	16 U	16 U	35 U				
Acenaphthylene	50000	34 JM	29 JM	12 U	12 U	71 JM				
Anthracene	50000	50 JQ	19 JQ	13 U	13 U	120 J				
Benzo[a]anthracene	224	230 J	100 J	26 J	16 U	1000				
Benzo[a]pyrene	61	250 J	68 J	17 U	17 U	1000				
Benzo[b]fluoranthene	220	230 JQ	120 JQ	47 J	41 U	1200				
Benzo[g,h,i]perylene	50000	140 J	75 J	22 JM	18 U	740 J				
Benzo[k]fluoranthene	220	270 JQ	110 JQ	49 J	42 U	1200				
Bis(2-chloroethoxy)methane	--	31 U	15 U	15 U	15 U	33 U				
Bis(2-chloroethyl)ether	--	230 U	110 U	110 U	110 U	240 U				
Bis(2-ethylhexyl)phthalate	50000	590 JB	95 JMB	930 B	630 B	99 JMB				
Butylbenzyl phthalate	50000	29 U	35 J	14 U	14 U	30 U				
Chrysene	400	230 J	130 J	47 J	18 U	1300				
Di-n-butyl phthalate	8100	31 U	15 UQ	15 U	15 U	33 U				
Di-n-octyl phthalate	50000	27 U	13 U	13 U	13 U	28 U				
Di-n-propylnitrosamine	--	31 U	15 U	15 U	15 U	33 U				
Dibenzo[a,h]anthracene	14	88 JM	38 J	19 U	19 U	300 JM				
Dibenzofuran	6200	33 U	17 U	16 U	16 U	35 U				
Diethyl phthalate	7100	38 U	19 U	18 U	18 U	40 U				
Dimethyl phthalate	2000	33 U	17 U	16 U	16 U	35 U				
Fluoranthene	50000	200 J	100 J	35 J	24 U	1700				
Fluorene	50000	45 U	22 U	21 U	21 U	47 U				
Hexachlorobenzene	410	42 U	21 U	20 U	20 U	45 U				
Hexachlorobutadiene	--	73 U	36 U	35 U	35 U	77 U				

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA2-S-3 PE-AREA2-S-4 PE-AREA4B-S-1 PE-AREA4B-S-2 PE-AREA4B-S-3			
	NYSDEC RSCOs (µg/kg)	Sample Date:		
		09/24/02	09/24/02	09/24/02
Hexachlorocyclopentadiene	--	100 U	48 U	110 U
Hexachloroethane	--	47 U	22 U	49 U
Indeno[1,2,3-cd]pyrene	3200	180 J	24 J	730 J
Isophorone	4400	51 U	24 U	54 U
N-Nitrosodiphenylamine	--	36 U	17 U	580 J
Naphthalene	13000	71 U	34 U	75 U
Nitrobenzene	200	56 U	26 U	59 U
Pentachlorophenol	1000	96 U	46 U	100 U
Phenanthrene	50000	120 J	37 J	750 J
Phenol	30	53 U	25 U	56 U
Pyrene	50000	180 J	29 JM	1800

A - Concentrations exceeds the instrument calibration range or below the reporting limit
 B - Analyte detected in laboratory blank
 H - Alternate peak selection upon analytical review
 J - Estimated value
 M - Manually integrated compound
 Q - Result was qualitatively confirmed but not quantified
 U - Indicates that the compound was analyzed for but not detected
 NA - Not analyzed
 µg/kg - Micrograms per kilogram
 NYSDC - New York State Department of Environmental Conservation
 RSCOs - Recommended Soil Cleanup Objectives
 -- No NYSDC RSCO available
Note:
 Bold data indicates that parameter was detected above the NYSDC RSCOs

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: PE-AREA4B-S-4 PE-AREA4B-S-5 PE-AREA4B-S-6 PE-AREA4B-S-7 PE-AREA4B-S-7D	Sample Date:	
			09/24/02	09/24/02
1,2,4-Trichlorobenzene	3400	28 U	28 U	29 U
1,2-Dichlorobenzene	7900	20 U	20 U	21 U
1,3-Dichlorobenzene	1600	18 U	18 U	18 U
1,4-Dichlorobenzene		21 U	21 U	22 U
2,4,5-Trichlorophenol	100	11 U	11 U	12 U
2,4-Dinitrotoluene	--	21 U	21 U	22 U
2,6-Dinitrotoluene	100	16 U	16 U	16 U
2-Chloronaphthalene	--	21 U	21 U	22 U
2-Methylnaphthalene	36400	31 U	31 U	33 U
2-Nitroaniline	430	25 U	25 U	26 U
3-Nitroaniline	500	20 U	20 U	21 U
4-Bromodiphenyl ether	--	15 U	15 U	15 U
4-Chlorophenyl phenyl ether	--	18 U	18 U	19 U
4-Nitroaniline	--	27 U	27 U	28 U
4-Nitrophenol	100	95 U	95 U	100 U
Acenaphthene	50000	17 U	17 U	18 U
Acenaphthylene	50000	12 U	12 U	13 U
Anthracene	50000	26 JM	13 U	14 U
Benzo[a]anthracene	224	170 J	130 J	17 U
Benzo[a]pyrene	61	190 J	140 J	28 JM
Benzo[b]fluoranthene	220	200 J	140 JH	44 U
Benzo[g,h,i]perylene	50000	160 J	82 J	20 U
Benzo[k]fluoranthene	220	190 J	110 J	45 U
Bis(2-chloroethoxy)methane	--	16 U	16 U	16 U
Bis(2-chloroethyl)ether	--	120 U	120 U	120 U
Bis(2-ethylhexyl)phthalate	50000	48 JMB	170 JMB	320 JMB
Butylbenzyl phthalate	50000	15 U	15 U	15 U
Chrysene	400	200 J	130 J	20 U
Di-n-butyl phthalate	8100	16 U	16 U	16 U
Di-n-octyl phthalate	50000	13 U	13 U	14 U
Di-n-propylnitrosamine	--	16 U	16 U	16 U
Dibenzo[a,h]anthracene	14	58 JM	20 U	21 U
Dibenzofuran	6200	17 U	17 U	18 U
Diethyl phthalate	7100	19 U	19 U	20 U
Dimethyl phthalate	2000	17 U	17 U	18 U
Fluoranthene	50000	240 J	200 J	25 U
Fluorene	50000	22 U	22 U	26 U
Hexachlorobenzene	410	21 U	21 U	24 U
Hexachlorobutadiene	--	37 U	37 U	22 U
			73 U	39 U

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA4B-S-4 PE-AREA4B-S-5 PE-AREA4B-S-6 PE-AREA4B-S-7 PE-AREA4B-S-7D	
	NYSDEC RSCOs (µg/kg)	Sample Date:
Hexachlorocyclopentadiene	--	09/24/02
Hexachloroethane	--	09/24/02
Indeno[1,2,3-cd]pyrene	3200	09/24/02
Isophorone	4400	09/24/02
N-Nitrosodiphenylamine	--	09/24/02
Naphthalene	13000	09/24/02
Nitrobenzene	200	09/24/02
Pentachlorophenol	1000	09/24/02
Phenanthrene	50000	09/24/02
Phenol	30	09/24/02
Pyrene	50000	09/24/02

A - Concentrations exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

Q - Result was qualitatively confirmed but not quantified

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: PE-AREA4B-S-8 PE-AREA4B-S-9 PE-AREA4B-S-10 PE-AREA4B-S-11 PE-AREA4B-S-12		
		Sample Date:		
		09/24/02	09/24/02	09/24/02
1,2,4-Trichlorobenzene	3400	31 U	27 U	26 U
1,2-Dichlorobenzene	7900	23 U	19 U	19 U
1,3-Dichlorobenzene	1600	20 U	17 U	17 U
1,4-Dichlorobenzene		24 U	20 U	20 U
2,4,5-Trichlorophenol	100	13 U	11 U	11 U
2,4-Dinitrotoluene	--	24 U	20 U	20 U
2,6-Dinitrotoluene	100	18 U	15 U	15 U
2-Chloronaphthalene	--	24 U	20 U	20 U
2-Methylnaphthalene	36400	35 U	30 U	29 U
2-Nitroaniline	430	28 U	23 U	23 U
3-Nitroaniline	500	23 U	19 U	19 U
4-Bromodiphenyl ether	--	16 U	14 U	14 U
4-Chlorophenyl phenyl ether	--	20 U	17 U	17 U
4-Nitroaniline	--	30 U	26 U	25 U
4-Nitrophenol	100	110 U	91 U	89 U
Acenaphthene	50000	19 U	85 J	16 U
Acenaphthylene	50000	14 U	12 U	12 U
Anthracene	50000	15 U	330 J	13 U
Benzo[a]anthracene	224	65 J	790	16 U
Benzo[a]pyrene	61	83 J	690	17 U
Benzo[b]fluoranthene	220	77 JH	480 M	40 U
Benzo[g,h,i]perylene	50000	67 J	450	18 U
Benzo[k]fluoranthene	220	89 J	520 M	41 U
Bis(2-chloroethoxy)methane	--	18 U	15 U	15 U
Bis(2-chloroethyl)ether	--	130 U	110 U	110 U
Bis(2-ethylhexyl)phthalate	50000	65 JMB	74 JMB	240 JB
Butylbenzyl phthalate	50000	16 U	14 U	14 U
Chrysene	400	110 JM	800	18 U
Di-n-butyl phthalate	8100	18 U	15 U	15 U
Di-n-octyl phthalate	50000	15 U	13 U	13 U
Di-n-propylnitrosamine	--	18 U	15 U	15 U
Dibenzo[a,h]anthracene	14	23 U	160 JQ	19 U
Dibenzofuran	6200	19 U	21 JM	16 U
Diethyl phthalate	7100	21 U	18 U	18 U
Dimethyl phthalate	2000	19 U	16 U	16 U
Fluoranthene	50000	83 J	1300	23 U
Fluorene	50000	25 U	69 J	21 U
Hexachlorobenzene	410	24 U	20 U	20 U
Hexachlorobutadiene	--	42 U	35 U	35 U
				75 U

Table 2. Summary of Semivolatile Organic Compounds Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: PE-AREA4B-S-8 PE-AREA4B-S-9 PE-AREA4B-S-10 PE-AREA4B-S-11 PE-AREA4B-S-12			
	NYSDEC RSCOs (µg/kg)	Sample Date:		
		09/24/02	09/24/02	09/24/02
Hexachlorocyclopentadiene	--	57 U	48 U	100 U
Hexachloroethane	--	26 U	22 U	48 U
Indeno[1,2,3-cd]pyrene	3200	63 J	370	190 J
Isophorone	4400	29 U	24 U	52 U
N-Nitrosodiphenylamine	--	68 J	17 U	300 JQ
Naphthalene	13000	40 U	34 U	73 U
Nitrobenzene	200	31 U	27 U	57 U
Pentachlorophenol	1000	54 U	46 U	97 U
Phenanthrene	50000	61 J	1400	250 JM
Phenol	30	30 U	26 U	54 U
Pyrene	50000	99 J	2000	410 J

A - Concentrations exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

Q - Result was qualitatively confirmed but not quantified

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RC/KA Metals Detected in Post-Excavation Soil Samples, BASF/Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-AREA1-B-1 PE-AREA1-B-1D PE-AREA1-B-2 PE-AREA1-B-3 PE-AREA1-B-4 PE-AREA1-B-5				
	NYSDEC RSCOs (mg/kg)	09/09/02	09/09/02	09/09/02	09/09/02
Arsenic	7.5	3.37 B	2.44 B	12.3	8.87
Barium	300	34.7	31.8	87.2	94.3
Cadmium	1	0.822 U	4.34 U	3.98	0.962 U
Chromium	10	66.6	154	302	191
Lead	24.75	9.89	11.1	182	76.8
Mercury	0.1	0.975 B	1.4 B	4.95 B	0.606 B
Selenium	2	1.31 U	1.49 U	1.84 U	1.54 U
Silver	--	0.246 U	0.28 U	0.346 U	0.289 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: PE-AREA1-B-6 PE-AREA1-B-9 PE-AREA1-B-10 PE-AREA1-B-11 PE-AREA1-B-12 PE-AREA1-B-13					
	RSCOs	(mg/kg)	Sample Date:		09/09/02		09/09/02	
Arsenic	7.5	62.1	2.82 B	24.9 U	20.9 B	27.2 B	9.49	
Barium	300	56.8	43.8	7.48 U	72.4	110	92.4	
Cadmium	1	5.51 U	2.53 B	24.9 U	12.8 U	17	3.75	
Chromium	10	205	11.1	230000	40500	4370	833	
Lead	24.75	264	11.6	255	1740	767	268	
Mercury	0.1	3.46 B	0.992 B	2.21 U	15.4 B	2.55 B	0.915 B	
Selenium	2	8.82 U	1.58 U	39.9 U	20.4 U	8.48 U	1.51 U	
Silver	--	1.65 U	0.296 U	7.48 U	3.83 U	1.59 U	0.283 U	

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-AREA1-B-17 PE-AREA1-B-21 PE-AREA1-B-25 PE-AREA1-B-25D PE-AREA1-B-26 PE-AREA1-B-33	
	Sample Date:	Sample Date:
	09/09/02	09/09/02
Arsenic	7.5	35.7 B
Barium	300	40.4
Cadmium	1	18.5 B
Chromium	10	16600
Lead	24.75	45700
Mercury	0.1	1.8 B
Selenium	2	19.9 U
Silver	--	3.74 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCKA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: PE-AREA1-B-34		PE-AREA1-B-36		PE-AREA1-B-37		PE-AREA1-B-40		PE-AREA1-B-42		PE-AREA1-B-43	
	RSCOs	(mg/kg)	Sample Date:		09/09/02		09/09/02		09/09/02		09/09/02		09/09/02	
Arsenic	7.5		310		12.1 U		17.1 U		14.2 U		5.95 U		622	
Barium	300		434		13.7 B		35		227		3.87 B		82.8	
Cadmium	1		6.56 B		12.1 U		17.1 U		14.2 U		5.95 U		4.77 U	
Chromium	10		179		1600		104000		52300		151		739	
Lead	24.75		8380		214000		1810		1420		694		302	
Mercury	0.1		12.2 B		0.894 U		2.26 B		1.62 U		1.2 U		0.777 U	
Selenium	2		8.91 U		19.4 U		27.4 U		22.7 U		9.52 U		7.64 U	
Silver	--		1.67 U		3.63 U		5.14 U		4.26 U		1.79 U		1.43 U	

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-AREA1-B-48 PE-AREA1-B-48D PE-AREA1-B-51 PE-AREA1-B-52 PE-AREA1-S-1 PE-AREA1-S-2	
	Sample Date:	
	09/09/02	09/09/02
Arsenic	7.5	31.4 B
Barium	300	82.3
Cadmium	1	4.89 U
Chromium	10	1280
Lead	24.75	201
Mercury	0.1	0.913 B
Selenium	2	7.82 U
Silver	--	1.47 U
		39.5 B
		53.9
		9.07 U
		16600
		149
		1.22 B
		14.5 U
		2.72 U
		60.9
		60.1
		4.23 U
		567
		182
		8.09 B
		6.77 U
		1.27 U
		7.58 B
		61.2
		4.91 U
		35.2
		39.2 B
		0.879 U
		7.86 U
		1.47 U
		5.3 B
		65.1
		4.25 U
		22.8
		15.5 B
		0.714 U
		6.8 U
		1.27 U
		5.03 B
		52.3
		4.34 U
		11.8 B
		19.1 B
		0.828 U
		6.94 U
		1.3 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC RSCOs (mg/kg)	Sample Designation: PE-AREAL-S-3 PE-AREAL-S-4 PE-AREAL-S-5 PE-AREAL-S-6 PE-AREAL-S-7 PE-AREAL-S-8							
		Sample Date:		09/10/02	09/10/02	09/10/02	09/10/02	09/10/02	09/10/02
Arsenic	7.5	5.8 B	14.2 B	6.37 B	23.6 U	11.9 B	150		
Barium	300	67.4	224	56.2	16.9 B	261	128		
Cadmium	1	4.31 U	9.21 U	4.27 U	23.6 U	39.6	5.5 U		
Chromium	10	12.9 B	36.4	32.9	105000	53.7	3130		
Lead	24.75	26.7 B	93.2	617	2660	3170	19100		
Mercury	0.1	0.869 U	0.895 B	2.77 B	4.32 B	186 B	1.93 B		
Selenium	2	6.9 U	14.7 U	6.83 U	37.7 U	8.49 U	8.8 U		
Silver	--	1.29 U	2.76 U	1.28 U	7.08 U	1.59 U	1.65 U		

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table J. Summary of RCKA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: PE-AREA1-S-9B PE-AREA1-S-9C PE-AREA1-S-10 PE-AREA1-S-11 PE-AREA1-S-12 PE-AREA1-S-13B					
	RSCOs	(mg/kg)	Sample Date:	11/07/02	12/10/02	09/10/02	09/10/02	09/10/02
Arsenic	7.5			39.3 B	28.1	26.5 B	20.2 B	22.8 B
Barium	300			7.62 U	70.4	82.5	107	167
Cadmium	1			25.4 U	11.7	4.27 U	5.25 U	8.73 U
Chromium	10			271000	43.7	776	2120	55.5
Lead	24.75			310	185	211	54.6	55.2 B
Mercury	0.1			2.87 U	1.1 B	2.36 B	0.752 U	0.99 U
Selenium	2			40.6 U	1.7 U	6.83 U	8.4 U	14 U
Silver	--			7.62 U	0.64 B	1.28 U	1.58 U	2.62 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC RSCOs (mg/kg)	Sample Designation: PE-AREA1-S-14 PE-AREA1-S-15 PE-AREA1-S-16 PE-AREA1-S-17 PE-AREA1-S-18 PE-AREA1-S-19							
		Sample Date: 09/10/02		Sample Date: 09/10/02		Sample Date: 09/10/02		Sample Date: 09/10/02	
Arsenic	7.5	79.3 B	65.1 B	41.5 B	36.2 B	917	201		
Barium	300	92.5	127	93.3	152	130	6.91 B		
Cadmium	1	10.4 U	8.45 U	7.63 U	5.56 U	13.5 U	10 U		
Chromium	10	8670	5960	841	713	10300	15300		
Lead	24.75	1710	1400	45.4 B	829	3840	27.4 B		
Mercury	0.1	2.17 B	0.938 U	1.54 U	1.2 B	0.972 U	0.788 U		
Selenium	2	16.7 U	13.5 U	12.2 U	8.89 U	21.7 U	16 U		
Silver	--	3.13 U	2.53 U	2.29 U	1.67 U	4.06 U	3 U		

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-AREA1-S-20 PE-AREA1-S-21 PE-AREA1-S-22 PE-AREA1-S-23 PE-AREA1-S-24 PE-AREA1-S-25				
	Sample Date: 09/10/02 09/10/02 09/10/02 09/10/02 09/10/02				
	NYSDEC RSCOs (mg/kg)				
Arsenic	7.5	27.6 B	10.4 B	23.7 U	37.8 B
Barium	300	45.1	40.1	47.4	85.3
Cadmium	1	10 U	3.81 U	23.7 U	11.9 U
Chromium	10	1250	275	83300	252
Lead	24.75	1200	228	163 B	134
Mercury	0.1	1.26 B	0.891 U	2.15 U	1.08 U
Selenium	2	16 U	6.09 U	37.9 U	19.1 U
Silver	--	3 U	1.14 U	7.11 U	3.58 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: PE-AREA1-S-26 PE-AREA1-S-27 PE-AREA1-S-28 PE-AREA1-S-29 PE-AREA1-S-30B PE-AREA1-S-31				
	RSCOs	(mg/kg)	Sample Date:				
			09/10/02	09/10/02	09/10/02	10/30/02	09/10/02
Arsenic	7.5	75.1	25.3 B	36.7 B	11.8 B	5.8	44.6
Barium	300	63.9	70.3	136	56	76.8	55.4
Cadmium	1	6.95 U	4.71 U	5.32 U	4.47 U	0.44 U	4.89 U
Chromium	10	69.1	52	2190	155	25.1	304
Lead	24.75	84.7	125	1020	90.8	18.2	86.7
Mercury	0.1	2.72 B	103 B	3.73 B	1.28 B		1.02 U
Selenium	2	11.1 U	7.53 U	8.52 U	7.15 U	0.7 U	7.83 U
Silver	--	2.08 U	1.41 U	1.6 U	1.34 U	0.13 U	1.47 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-AREA1-S-32 PE-AREA1-S-33 PE-AREA2-S-1 PE-AREA2-S-2 PE-AREA2-S-3 PE-AREA2-S-4	
	Sample Date: 09/10/02 09/10/02 09/24/02 09/24/02 09/24/02 09/24/02	
NYSDEC		
RSCOs		
(mg/kg)		
Arsenic	7.5	6.38 B
Barium	300	82
Cadmium	1	3.98 U
Chromium	10	28.4
Lead	24.75	36.3
Mercury	0.1	0.893 U
Selenium	2	6.37 U
Silver	--	1.2 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-AREA4A-S-1L PE-AREA4A-S-1U PE-AREA4A-S-2L PE-AREA4A-S-2U PE-AREA4A-S-3L			
	Sample Date:		Sample Date:	
	10/23/02	10/23/02	10/23/02	10/23/02
NYSDEC				
RSCOs				
(mg/kg)				
Arsenic	7.5	14.8	17.5	1260
Barium	300	NA	NA	NA
Cadmium	1	NA	NA	NA
Chromium	10	NA	NA	NA
Lead	24.75	NA	NA	NA
Mercury	0.1	NA	NA	NA
Selenium	2	NA	NA	NA
Silver	--	NA	NA	NA

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC RSCOs (mg/kg)	Sample Designation: PE-AREA4A-S-3U	Sample Date: 10/23/02	PE-Area4A-S-4L	PE-Area4A-S-4U	PE-Area4A-S-5L	PE-Area4A-S-5U
				11/26/02	11/26/02	11/26/02	11/26/02
Arsenic	7.5	400	1060	168	5530	13.3	
Barium	300	NA	123	31.2 B	84.9	75.8	
Cadmium	1	NA	0.11 U	0.085 U	1.2	0.086 U	
Chromium	10	NA	22.3	6.5	9.9	15.2	
Lead	24.75	NA	13.8	24.7	310	12.6	
Mercury	0.1	NA	0.03 B	0.05	0.31	0.015 U	
Selenium	2	NA	1.5	0.96 U	2.7	1 B	
Silver	--	NA	0.3 U	0.23 U	0.26 U	0.24 U	

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC RSCOs (mg/kg)	Sample Designation: PE-Area4A-S-6L PE-Area4A-S-6U PE-Area4A-S-7L PE-Area4A-S-7U PE-Area4A-S-8L PE-Area4A-S-8U Sample Date: 11/26/02 11/26/02 11/26/02 11/26/02 11/26/02 11/26/02
Arsenic	7.5	585 3.9 35.7 1590 9.2 375
Barium	300	148 18.4 B 171 134 71 24.3 B
Cadmium	1	0.1 U 0.077 U 0.11 U 0.1 U 0.095 U 0.089 U
Chromium	10	23.3 6.5 19.6 17.9 12.7 2 B
Lead	24.75	14.8 9.2 16.2 12.3 9.8 40.7
Mercury	0.1	0.03 B 0.05 0.04 B 0.04 0.022 U 0.1
Selenium	2	1.1 U 0.86 U 1.2 U 1.2 U 1.1 U 1 U
Silver	--	0.28 U 0.21 U 0.3 U 0.28 U 0.26 U 0.25 U

mg/kg - Milligrams per kilogram

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U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

- - No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: PE-Area4A-S-9L PE-Area4A-S-9LD PE-Area4A-S-9U PE-Area4A-S-10L PE-Area4A-S-10U	
	RSCOs	(mg/kg)	Sample Date: 11/26/02	11/26/02
Arsenic	7.5	1850	1490	12900
Barium	300	145	118	221
Cadmium	1	0.11 U	0.11 U	0.26 U
Chromium	10	24.7	22.5	7.1
Lead	24.75	15.2	13.7	83.7
Mercury	0.1	0.05	B	0.27
Selenium	2	1.4 B	1.2 U	2.9 U
Silver	--	0.31 U	0.29 U	0.71 U
				0.29 U
				0.32 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-Area4A-S-11L PE-Area4A-S-11U PE-Area4A-S-12L PE-Area4A-S-12U PE-Area4A-S-12UD	
	NYSDEC RSCOs (mg/kg)	Sample Date: 11/26/02 11/26/02 11/26/02 11/26/02 11/26/02
Arsenic	7.5	152
Barium	300	37 B
Cadmium	1	0.088 U
Chromium	10	9.2
Lead	24.75	25.4
Mercury	0.1	0.23
Selenium	2	0.99 U
Silver	--	0.24 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-Area4A-S-13L PE-Area4A-S-13U PE-Area4A-S-14L PE-Area4A-S-14U PE-Area4A-S-15L						
	NYSDEC RSCOs (mg/kg)	Sample Date:		Sample Date:		Sample Date:	
Arsenic	7.5	9710	409	39500	61500	8230	
Barium	300	60.4 B	13.3 B	56.5	49 B	54.7	
Cadmium	1	0.26 B	0.083 U	5	47.4	0.15 B	
Chromium	10	19.3	5.1	12.1	14.5	14.3	
Lead	24.75	324	7.1	173	1240	145	
Mercury	0.1	1	0.017 U	0.4	0.27	0.42	
Selenium	2	4.1	0.93 U	3.5	11.8	2.2	
Silver	--	0.34 U	0.23 U	0.3 U	0.87 U	0.26 U	

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	NYSDEC		Sample Designation: PE-Area4A-S-15U PE-AREA4B-S-1 PE-AREA4B-S-2 PE-AREA4B-S-3 PE-AREA4B-S-4 PE-AREA4B-S-5				
	RSCOs	(mg/kg)	Sample Date:	09/24/02	09/24/02	09/24/02	09/24/02
Arsenic	7.5	6740	744	148	329	1880	240
Barium	300	51.9	60.7	57.5	106	88.4	97.6
Cadmium	1	0.95 B	4.82 U	4.36 U	4.44 U	4.28 U	5.04 U
Chromium	10	11.8	32.4	43.4	302	34.8	13.5 B
Lead	24.75	76.9	41.8 B	33.1 B	556	48.4	26.2 B
Mercury	0.1	0.2	0.085 U	0.0782 U	0.281 B	0.142 B	0.0938 U
Selenium	2	2.4	7.72 U	6.97 U	7.11 U	6.85 U	8.06 U
Silver	--	0.22 U	1.45 U	1.31 U	1.33 U	1.28 U	1.51 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSEDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSEDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-AREA4B-S-6 PE-AREA4B-S-7 PE-AREA4B-S-7D PE-AREA4B-S-8 PE-AREA4B-S-9			
	NYSDEC RSCOs (mg/kg)	Sample Date:		
		09/24/02	09/24/02	09/24/02
Arsenic	7.5	710	NA	342
Barium	300	94	NA	99.1
Cadmium	1	4.7 U	NA	4.39 U
Chromium	10	13.9 B	15.2	13.1 B
Lead	24.75	152	18.4 B	482
Mercury	0.1	0.348 B	0.0914 U	0.263 B
Selenium	2	7.52 U	6.77 U	7.02 U
Silver	--	1.41 U	1.27 U	1.32 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSDEC RSCOs

Table 3. Summary of RCRA Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: PE-AREA4B-S-10 PE-AREA4B-S-11 PE-AREA4B-S-12		
	NYSDEC RSCOs	Sample Date:	Sample Date:
	(mg/kg)	09/24/02	09/24/02
Arsenic	7.5	29.2 B	6.77 B
Barium	300	58.6	43.7
Cadmium	1	4.13 U	4.36 U
Chromium	10	16.2	15.1
Lead	24.75	23.5 B	17.8 B
Mercury	0.1	0.0913 U	0.0728 U
Selenium	2	6.61 U	6.98 U
Silver	--	1.24 U	1.31 U

mg/kg - Milligrams per kilogram

B - Reported value is less than reporting limit but greater than the instrumentation detection limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

NYSDEC - New York State Department of Environmental Conservation

RSCOs - Recommended Soil Cleanup Objectives

-- No NYSEDEC RSCO available

Note:

Bold data indicates that parameter was detected above the NYSEDEC RSCOs

Table 4. Summary of TCLP Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter		Sample Designation: PE-AREA4A-S-1L PE-AREA4A-S-1U PE-AREA4A-S-2L PE-AREA4A-S-2U PE-AREA4A-S-3L PE-AREA4A-S-3U	
(Concentrations in µg/L)	HWRL	Sample Date:	
	(µg/L)	10/23/02	10/23/02
Arsenic	5,000	34.8 U	189 B
Barium	100,000	NA	NA
Cadmium	1,000	NA	NA
Chromium	5,000	NA	NA
Lead	5,000	NA	NA
Mercury	200	NA	NA
Selenium	1,000	NA	NA
Silver	5,000	NA	NA

Notes:

- B - Reported Value is less than the Reporting Limit, but greater than the instrument detection limit
- N - The spiked sample recovery is not within control limits
- U - Not detected, method detection limit shown
- NA - Not analyzed
- µg/L - Micrograms per liter
- bold** - Data highlighted in bold represents detections that exceed the Hazardous Waste Regulatory Levels for Toxicity Characteristic
- HWRL - Hazardous Waste Regulatory Levels for Toxicity Characteristic
- TCLP - Toxicity Characteristic Leaching Procedure

Table 4. Summary of TCLP Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: PE-Area4A-S-4L PE-Area4A-S-4U PE-Area4A-S-5L PE-Area4A-S-5U PE-Area4A-S-6L PE-Area4A-S-6U					
	HWRL	Sample Date:		Sample Date:		Sample Date:
		11/26/02	11/26/02	11/26/02	11/26/02	11/26/02
Arsenic	5,000	2400 N	540 N	3300 N	13.3	130 N
Barium	100,000	27200 N	16200 N	38300 N	75.8	23500 N
Cadmium	1,000	2 U	2 U	2 U	0.086 U	2 U
Chromium	5,000	30 B	40 B	9 B	15.2	20 B
Lead	5,000	10 U	10 B	30 B	12.6	10 U
Mercury	200	0.1 U	0.1 U	0.1 U	0.015 U	0.1 U
Selenium	1,000	23 U	23 U	23 U	1.0 B	23 U
Silver	5,000	5.5 U	5.5 U	5.5 U	0.24 U	5.5 U

Notes:

- B - Reported Value is less than the Reporting Limit, but greater than the instrument detection limit
- N - The spiked sample recovery is not within control limits
- U - Not detected, method detection limit shown
- NA - Not analyzed
- µg/L - Micrograms per liter
- bold** - Data highlighted in bold represents detections that exceed the Hazardous Waste Regulatory Levels for Toxicity Characteristic
- HWRL - Hazardous Waste Regulatory Levels for Toxicity Characteristic
- TCLP - Toxicity Characteristic Leaching Procedure

Table 4. Summary of TCLP Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter (Concentrations in µg/L)	HWRL (µg/L)	Sample Designation: PE-Area4A-S-7L PE-Area4A-S-7U PE-Area4A-S-8L PE-Area4A-S-8U PE-Area4A-S-9L PE-Area4A-S-9U					
		Sample Date: 11/26/02 11/26/02 11/26/02 11/26/02 11/26/02 11/26/02					
Arsenic	5,000	35.7	3800 N	9.2	3700 N	14700 N	178000 N
Barium	100,000	171	13000 N	71.0	5400 N	16000 N	4800 N
Cadmium	1,000	0.11 U	2 U	0.095 U	2 U	2 U	2 U
Chromium	5,000	19.6	5.5 U	12.7	10 B	220	5.5 U
Lead	5,000	16.2	10 U	9.8	10 U	10 U	10 U
Mercury	200	0.04 B	0.1 U	0.022 U	0.1 U	0.1 U	0.1 U
Selenium	1,000	1.2 U	23 U	1.1 U	23 U	23 U	23 U
Silver	5,000	0.30 U	5.5 U	0.26 U	5.5 U	5.5 U	5.5 U

Notes:

B - Reported Value is less than the Reporting Limit, but greater than the instrument detection limit

N - The spiked sample recovery is not within control limits

U - Not detected, method detection limit shown

NA - Not analyzed

μg/L - Micrograms per liter

bold - Data highlighted in bold represents detections that exceed

the Hazardous Waste Regulatory Levels for Toxicity Characteristic

HWRL - Hazardous Waste Regulatory Levels for Toxicity Characteristic

TCLP - Toxicity Characteristic Leaching Procedure

Table 4. Summary of TCLP Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter		HWRL		Sample Date:		PE-Area4A-S-10L		PE-Area4A-S-10U		PE-Area4A-S-11L		PE-Area4A-S-11U		PE-Area4A-S-12L		PE-Area4A-S-12U	
(Concentrations in µg/L)		(µg/L)				11/26/02		11/26/02		11/26/02		11/26/02		11/26/02		11/26/02	
Arsenic		5,000				12800 N		9000 N		80 N		310 N		720 N		7.5	
Barium		100,000				11300 N		4100 N		8800 N		8800 N		7800 N		12.7 B	
Cadmium		1,000				2 U		10 B		2 U		8 B		9 B		0.085 U	
Chromium		5,000				5.5 U		50		7		50		10 B		4.6	
Lead		5,000				10 U		170		10 U		30 B		10 U		5.4	
Mercury		200				0.1 U		0.1 U		0.1 U		0.1 U		0.1 U		0.018 U	
Selenium		1,000				23 U		23 U		23 U		30 B		23 U		0.96 U	
Silver		5,000				5.5 U		5.5 U		5.5 U		5.5 U		5.5 U		0.23 U	

Notes:

- B - Reported Value is less than the Reporting Limit, but greater than the instrument detection limit
- N - The spiked sample recovery is not within control limits
- U - Not detected, method detection limit shown
- NA - Not analyzed
- µg/L - Micrograms per liter
- bold** - Data highlighted in bold represents detections that exceed the Hazardous Waste Regulatory Levels for Toxicity Characteristic
- HWRL - Hazardous Waste Regulatory Levels for Toxicity Characteristic
- TCLP - Toxicity Characteristic Leaching Procedure

Table 4. Summary of TCLP Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter		Sample Designation: PE-Area4A-S-12UD PE-Area4A-S-13L PE-Area4A-S-13U PE-Area4A-S-14L PE-Area4A-S-14U PE-Area4A-S-15L		Sample Date:	
(Concentrations in µg/L)		HWRL		(µg/L)	
Arsenic	5,000	4.1	2800 N	131000	13400
Barium	100,000	13.7 B	7400 N	23300	2 U
Cadmium	1,000	0.084 U	2 U	7 B	2 U
Chromium	5,000	5.8	5.5 U	9 B	10 B
Lead	5,000	7.4	50 B	20 B	10 U
Mercury	200	0.018 U	0.1 U	0.1 U	0.1 U
Selenium	1,000	0.95 U	23 U	23 U	23 U
Silver	5,000	0.23 U	5.5 U	5.5 U	9 B

Notes:

B - Reported Value is less than the Reporting Limit, but greater than the instrument detection limit

N - The spiked sample recovery is not within control limits

U - Not detected, method detection limit shown

NA - Not analyzed

µg/L - Micrograms per liter

bold - Data highlighted in bold represents detections that exceed

the Hazardous Waste Regulatory Levels for Toxicity Characteristic

HWRL - Hazardous Waste Regulatory Levels for Toxicity Characteristic

TCLP - Toxicity Characteristic Leaching Procedure

Table 4. Summary of TCLP Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter		HWRL		Sample Designation: PE-Area4A-S-15U PE-AREA4B-S-1 PE-AREA4B-S-2 PE-AREA4B-S-3 PE-AREA4B-S-4 PE-AREA4B-S-5	
(Concentrations in µg/L)		(µg/L)		Sample Date: 11/26/02 09/24/02 09/24/02 09/24/02 09/24/02	
Arsenic	5,000			112 B	29500
Barium	100,000			NA	7000
Cadmium	1,000			NA	2 B
Chromium	5,000			NA	5.5 U
Lead	5,000			NA	10 U
Mercury	200			NA	0.1 U
Selenium	1,000			NA	23 U
Silver	5,000			NA	5.5 U

Notes:

- B - Reported Value is less than the Reporting Limit, but greater than the instrument detection limit
- N - The spiked sample recovery is not within control limits
- U - Not detected, method detection limit shown
- NA - Not analyzed
- µg/L - Micrograms per liter
- bold** - Data highlighted in bold represents detections that exceed the Hazardous Waste Regulatory Levels for Toxicity Characteristic
- HWRL - Hazardous Waste Regulatory Levels for Toxicity Characteristic
- TCLP - Toxicity Characteristic Leaching Procedure

Table 4. Summary of TCLP Metals Detected in Post-Excavation Soil Samples, BASF Rensselaer, Rensselaer, New York

Parameter		Sample Designation: PE-AREA4B-S-6 PE-AREA4B-S-7 PE-AREA4B-S-8 PE-AREA4B-S-8B PE-AREA4B-S-9			
(Concentrations in µg/L)	HWRL	Sample Date:		Sample Date:	
	(µg/L)	09/24/02	09/24/02	10/30/02	09/24/02
Arsenic	5,000	1450	80.9 B	9930	2280
Barium	100,000	NA	NA	NA	NA
Cadmium	1,000	NA	NA	NA	NA
Chromium	5,000	NA	NA	NA	NA
Lead	5,000	NA	NA	NA	NA
Mercury	200	NA	NA	NA	NA
Selenium	1,000	NA	NA	NA	NA
Silver	5,000	NA	NA	NA	NA

Notes:

B - Reported Value is less than the Reporting Limit, but greater than the instrument detection limit

N - The spiked sample recovery is not within control limits

U - Not detected, method detection limit shown

NA - Not analyzed

µg/L - Micrograms per liter

bold - Data highlighted in bold represents detections that exceed

the Hazardous Waste Regulatory Levels for Toxicity Characteristic

HWRL - Hazardous Waste Regulatory Levels for Toxicity Characteristic

TCLP - Toxicity Characteristic Leaching Procedure

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	REN-4C-01 04/29/05	REN-4C-02 04/29/05	REN-4C-03 05/04/05	REN-SW-02 05/04/05	REN-SW-03 05/04/05	WC-AREA1-1-1 08/22/02
Sample Designation:						
Sample Date:						
1,1,1-Trichloroethane	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.5 U
1,1,2,2-Tetrachloroethane	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.9 U
1,1,2-Trichloroethane	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.5 U
1,1-Dichloroethane	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.5 U
1,1-Dichloroethene	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.5 U
1,2,4-Trichlorobenzene	5.7 U	6 U	5.7 U	5.5 U	5.4 U	NA
1,2-Dichlorobenzene	5.7 U	6 U	5.7 U	5.5 U	5.4 U	NA
1,2-Dichloroethane	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.4 U
1,2-Dichloroethene (total)	5.7 U	6 U	11 U	11 U	11 U	0.5 U
1,2-Dichloropropane	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.4 U
1,3-Dichlorobenzene	5.7 U	6 U	5.7 U	5.5 U	5.4 U	NA
1,3-Dichloropropene, cis-	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.4 U
1,3-Dichloropropene, trans-	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.4 U
1,4-Dichlorobenzene	5.7 U	6 U	5.7 U	5.5 U	5.4 U	NA
2-Butanone	5.7 U	6 U	5.7 U	5.5 U	5.4 U	3 U
2-Hexanone	5.7 U	6 U	5.7 U	5.5 U	5.4 U	4 U
4-Methyl-2-pentanone	5.7 U	6 U	5.7 U	5.5 U	5.4 U	3 U
Acetone	28 U	30 U	28 U	27 U	27 U	5 U
Benzene	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	0.5 U
Bromodichloromethane	5.7 U	6 U	1.1 U	1.1 U	1.1 U	0.5 U
Bromoform	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.6 U
Bromomethane	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	3 U
Carbon disulfide	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.2 U
Carbon tetrachloride	5.7 U	6 U	11 U	11 U	11 U	0.4 U
Chlorobenzene	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.5 U
Chloroethane	5.7 U	6 U	1.1 U	1.1 U	1.1 U	0.7 U
Chloroform	5.7 U	6 U	1.1 U	1.1 U	1.1 U	0.6 U
Chloromethane	5.7 U	6 U	1.1 U	1.1 U	1.1 U	0.8 U
Dibromochloromethane	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.4 U
Ethylbenzene	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	0.4 U
Methylene chloride	20 B	23 B	18 B	9.3 JB	14 B	1 UB
Styrene	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.5 U
Tetrachloroethene	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.4 U
Toluene	4.9	4.4	1.1 U	1.1 U	1.3	0.4 U
Trichloroethene	5.7 U	6 U	1.1 U	1.1 U	1.1 U	0.5 U
Vinyl acetate	NA	NA	NA	NA	NA	3 U
Vinyl chloride	5.7 U	6 U	5.7 U	5.5 U	5.4 U	0.4 U
Xylene (total)	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1 U

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-AREA1-1-2 WC-AREA1-1-3 WC-AREA1-1-4A WC-AREA1-1-4B WC-AREA1-1-5					
Parameter	Sample Date:				
(Concentrations in µg/kg)	09/11/02	09/11/02	09/11/02	09/11/02	09/11/02
1,1,1-Trichloroethane	0.6 U	3 U	86 U	370 U	0.6 U
1,1,2,2-Tetrachloroethane	1 U	6 U	120 U	520 U	1 U
1,1,2-Trichloroethane	0.6 U	3 U	58 U	240 U	0.6 U
1,1-Dichloroethane	0.6 U	3 U	83 U	350 U	0.6 U
1,1-Dichloroethene	0.6 U	3 U	47 U	200 U	0.6 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.4 U	150	190 U	790 U	0.4 U
1,2-Dichloroethene (total)	0.6 U	3 U	150 J	430 U	0.6 U
1,2-Dichloropropane	0.4 U	3 U	42 U	180 U	0.4 U
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichloropropene, cis-	0.4 U	3 U	57 U	240 U	0.4 U
1,3-Dichloropropene, trans-	0.4 U	3 U	55 U	230 U	0.4 U
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
2-Butanone	3 U	20 U	270 U	1100 U	3 U
2-Hexanone	4 U	24 U	250 U	1100 U	4 U
4-Methyl-2-pentanone	3 U	19 U	300 U	1300 U	3 U
Acetone	6 U	36 U	1700 U	7400 U	6 U
Benzene	4 J	130	1900	1500 J	12
Bromodichloromethane	0.6 U	3 U	62 U	260 U	0.6 U
Bromoform	0.7 U	4 U	67 U	280 U	0.7 U
Bromomethane	3 U	17 U	150 U	630 U	3 U
Carbon disulfide	0.3 J	5 J	5 U	23 U	0.2 U
Carbon tetrachloride	0.4 U	3 U	87 U	370 U	0.4 U
Chlorobenzene	11	45	6700	110000	18
Chloroethane	0.8 U	5 U	100 U	430 U	0.8 U
Chloroform	0.7 U	4 U	200 U	860 U	0.7 U
Chloromethane	0.9 U	6 U	95 U	400 U	0.9 U
Dibromochloromethane	0.4 U	3 U	62 U	260 U	0.4 U
Ethylbenzene	0.4 U	3 U	110 U	920 J	0.4 U
Methylene chloride	4 JB	19 JB	210 J	750 U	4 JB
Styrene	0.6 U	3 U	110 U	450 U	0.6 U
Tetrachloroethene	0.4 U	3 U	140 U	590 U	0.4 U
Toluene	0.6 J	4 J	120 U	520 U	0.4 U
Trichloroethene	0.6 U	3 U	500 J	190 U	0.6 U
Vinyl acetate	3 U	21 U	270 U	1200 U	3 U
Vinyl chloride	0.4 U	3 U	150 U	630 U	0.4 U
Xylene (total)	1 U	8 J	840	4300	1 U

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µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-AREA1-1-5A WC-AREA1-1-5A WC-AREA1-1-5B WC-AREA1-1-5B WC-AREA1-1-5C				
Sample Date: 01/23/03 01/23/03 01/23/03 01/23/03 01/23/03				
Parameter (Concentrations in µg/kg)	01/23/03	01/23/03	01/23/03	01/23/03
1,1,1-Trichloroethane	72 U	72 U	79 U	100 U
1,1,2,2-Tetrachloroethane	100 U	100 U	110 U	150 U
1,1,2-Trichloroethane	48 U	48 U	53 U	70 U
1,1-Dichloroethane	69 U	69 U	77 U	100 U
1,1-Dichloroethene	39 U	39 U	43 U	57 U
1,2,4-Trichlorobenzene	6600	NA	30000 A	5900
1,2-Dichlorobenzene	14000	NA	8900	750 J
1,2-Dichloroethane	150 U	150 U	170 U	220 U
1,2-Dichloroethene (total)	84 U	84 U	93 U	120 U
1,2-Dichloropropane	35 U	35 U	39 U	51 U
1,3-Dichlorobenzene	1800	NA	2900	1300
1,3-Dichloropropene, cis-	47 U	47 U	52 U	69 U
1,3-Dichloropropene, trans-	45 U	45 U	50 U	66 U
1,4-Dichlorobenzene	4200	NA	5700	940
2-Butanone	220 U	220 U	250 U	320 U
2-Hexanone	210 U	210 U	230 U	300 U
4-Methyl-2-pentanone	250 U	250 U	270 U	360 U
Acetone	1400 U	1400 U	1600 U	2100 U
Benzene	1100	1100	1700	1600
Bromodichloromethane	51 U	51 U	57 U	75 U
Bromoform	55 U	55 U	61 U	81 U
Bromomethane	120 U	120 U	140 U	180 U
Carbon disulfide	5 U	5 U	5 U	7 U
Carbon tetrachloride	72 U	72 U	80 U	100 U
Chlorobenzene	4800	4800	1100	640 J
Chloroethane	84 U	84 U	93 U	120 U
Chloroform	170 U	170 U	190 U	250 U
Chloromethane	79 U	79 U	87 U	110 U
Dibromochloromethane	52 U	52 U	57 U	75 U
Ethylbenzene	88 U	88 U	98 U	130 U
Methylene chloride	150 U	150 U	160 U	210 U
Styrene	89 U	89 U	98 U	130 U
Tetrachloroethene	120 U	120 U	130 U	170 U
Toluene	290 J	290 J	170 J	240 J
Trichloroethene	37 U	37 U	40 U	53 U
Vinyl acetate	230 U	230 U	250 U	330 U
Vinyl chloride	120 U	120 U	140 U	180 U
Xylene (total)	410 J	410 J	340 U	440 U

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B - Analyte detected in laboratory blank

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J - Estimated value

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NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-5C WC-AREA1-1-5D WC-AREA1-1-5E WC-AREA1-1-5E			
	Sample Date: 01/23/03 01/23/03 01/23/03 01/23/03			
	DIL			
1,1,1-Trichloroethane	100 U	79 U	79 U	940 U
1,1,2,2-Tetrachloroethane	150 U	110 U	110 U	1300 U
1,1,2-Trichloroethane	70 U	53 U	53 U	630 U
1,1-Dichloroethane	100 U	76 U	76 U	900 U
1,1-Dichloroethene	57 U	43 U	43 U	510 U
1,2,4-Trichlorobenzene	NA	2300	NA	130000
1,2-Dichlorobenzene	NA	330 J	NA	8000
1,2-Dichloroethane	220 U	170 U	170 U	2000 U
1,2-Dichloroethene (total)	120 U	92 U	92 U	1100 U
1,2-Dichloropropane	51 U	38 U	38 U	450 U
1,3-Dichlorobenzene	NA	600 J	NA	3200 J
1,3-Dichloropropene, cis-	69 U	52 U	52 U	620 U
1,3-Dichloropropene, trans-	66 U	50 U	50 U	590 U
1,4-Dichlorobenzene	NA	510 J	NA	5900 J
2-Butanone	320 U	240 U	240 U	2900 U
2-Hexanone	300 U	230 U	230 U	2700 U
4-Methyl-2-pentanone	360 U	270 U	270 U	3200 U
Acetone	2100 U	1600 U	1600 U	19000 U
Benzene	1600	620 J	620 J	3400 J
Bromodichloromethane	75 U	56 U	56 U	670 U
Bromoform	81 U	61 U	61 U	720 U
Bromomethane	180 U	140 U	140 U	1600 U
Carbon disulfide	7 U	5 U	5 U	59 U
Carbon tetrachloride	100 U	79 U	79 U	940 U
Chlorobenzene	640 J	860	860	2700 J
Chloroethane	120 U	92 U	92 U	1100 U
Chloroform	250 U	190 U	190 U	2200 U
Chloromethane	110 U	87 U	87 U	1000 U
Dibromochloromethane	75 U	57 U	57 U	680 U
Ethylbenzene	130 U	97 U	97 U	1200 U
Methylene chloride	210 U	160 U	160 U	1900 U
Styrene	130 U	98 U	98 U	1200 U
Tetrachloroethene	170 U	130 U	130 U	1500 U
Toluene	240 J	300 J	300 J	1300 U
Trichloroethene	53 U	40 U	40 U	480 U
Vinyl acetate	330 U	250 U	250 U	3000 U
Vinyl chloride	180 U	140 U	140 U	1600 U
Xylene (total)	440 U	330 U	330 U	4000 U

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J - Estimated value

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NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-5F WC-AREA1-1-6A WC-AREA1-1-6B WC-AREA1-1-7			
	Sample Date: 01/23/03		09/11/02	
	DIL			
1,1,1-Trichloroethane	840 U	840 U	370 U	0.6 U
1,1,2,2-Tetrachloroethane	1200 U	1200 U	520 U	1 U
1,1,2-Trichloroethane	560 U	560 U	240 U	0.6 U
1,1-Dichloroethane	810 U	810 U	350 U	0.6 U
1,1-Dichloroethene	460 U	460 U	200 U	0.6 U
1,2,4-Trichlorobenzene	NA	170000	NA	NA
1,2-Dichlorobenzene	NA	4900 J	NA	NA
1,2-Dichloroethane	1800 U	1800 U	790 U	0.5 U
1,2-Dichloroethene (total)	970 U	970 U	430 U	0.6 U
1,2-Dichloropropane	400 U	400 U	180 U	0.5 U
1,3-Dichlorobenzene	NA	3500 JM	NA	NA
1,3-Dichloropropene, cis-	550 U	550 U	240 U	0.5 U
1,3-Dichloropropene, trans-	530 U	530 U	230 U	0.5 U
1,4-Dichlorobenzene	NA	5600 J	NA	NA
2-Butanone	2600 U	2600 U	1100 U	3 U
2-Hexanone	2400 U	2400 U	1100 U	4 U
4-Methyl-2-pentanone	2900 U	2900 U	1300 U	3 U
Acetone	17000 U	17000 U	7400 U	6 U
Benzene	8400	8400	270 U	0.6 U
Bromodichloromethane	600 U	600 U	260 U	0.6 U
Bromoform	650 U	650 U	280 U	0.7 U
Bromomethane	1400 U	1400 U	630 U	3 U
Carbon disulfide	53 U	53 U	23 U	0.3 J
Carbon tetrachloride	840 U	840 U	370 U	0.5 U
Chlorobenzene	2700 J	2700 J	6200	32
Chloroethane	970 U	970 U	430 U	0.9 U
Chloroform	2000 U	2000 U	870 U	0.7 U
Chloromethane	920 U	920 U	400 U	1 U
Dibromochloromethane	600 U	600 U	260 U	0.5 U
Ethylbenzene	1000 U	1000 U	450 U	0.5 U
Methylene chloride	1700 U	1700 U	750 U	2 JB
Styrene	1000 U	1000 U	450 U	0.6 U
Tetrachloroethene	1400 U	1400 U	590 U	0.5 U
Toluene	1200 U	1200 U	520 U	0.5 U
Trichloroethene	430 U	430 U	190 U	0.6 U
Vinyl acetate	2600 U	2600 U	1200 U	3 U
Vinyl chloride	1400 U	1400 U	630 U	0.5 U
Xylene (total)	3500 U	3500 U	1500 U	1 U

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B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-7A WC-AREA1-1-7B WC-AREA1-1-7C WC-AREA1-1-8 WC-AREA1-1-8A			
	10/08/02	10/08/02	09/11/02	10/08/02
1,1,1-Trichloroethane	80 U	86 U	0.9 U	0.7 U
1,1,2,2-Tetrachloroethane	110 U	120 U	2 U	1 U
1,1,2-Trichloroethane	54 U	57 U	0.9 U	0.7 U
1,1-Dichloroethane	77 U	83 U	0.9 U	0.7 U
1,1-Dichloroethene	44 U	47 U	0.9 U	0.7 U
1,2,4-Trichlorobenzene	650 U	700 U	1 U	27
1,2-Dichlorobenzene	180 J	370 J	1 U	0.8 U
1,2-Dichloroethane	170 U	180 U	13	0.5 U
1,2-Dichloroethene (total)	93 U	100 U	0.9 U	0.7 U
1,2-Dichloropropane	39 U	42 U	0.7 U	0.5 U
1,3-Dichlorobenzene	110 U	120 U	0.9 U	0.7 U
1,3-Dichloropropene, cis-	53 U	57 U	0.7 U	0.5 U
1,3-Dichloropropene, trans-	51 U	54 U	0.7 U	0.5 U
1,4-Dichlorobenzene	130 U	140 U	1 U	0.8 U
2-Butanone	250 U	260 U	5 U	4 U
2-Hexanone	230 U	250 U	6 U	5 U
4-Methyl-2-pentanone	280 U	290 U	5 U	4 U
Acetone	1600 U	1700 U	9 U	7 U
Benzene	58 U	220 J	0.9 U	0.7 U
Bromodichloromethane	57 U	61 U	0.9 U	0.7 U
Bromoform	62 U	66 U	1 U	0.8 U
Bromomethane	140 U	150 U	4 U	3 U
Carbon disulfide	3700	5 U	0.4 U	0.3 U
Carbon tetrachloride	80 U	86 U	0.7 U	0.5 U
Chlorobenzene	11000	16000	0.9 U	0.7 U
Chloroethane	93 U	100 U	1 U	0.9 U
Chloroform	190 U	200 U	8 J	0.8 U
Chloromethane	88 U	94 U	1 U	1 U
Dibromochloromethane	58 U	62 U	0.7 U	0.5 U
Ethylbenzene	510 J	230 J	0.7 U	0.5 U
Methylene chloride	220 J	200 J	9 B	2 U
Styrene	99 U	110 U	0.9 U	0.7 U
Tetrachloroethene	130 U	140 U	0.7 U	0.5 U
Toluene	310 J	1700	4 J	0.5 U
Trichloroethene	41 U	44 U	0.9 U	0.7 U
Vinyl acetate	250 U	270 U	5 U	4 U
Vinyl chloride	140 U	150 U	0.7 U	0.5 U
Xylene (total)	2700	1700	2 U	1 U

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NA - Not analyzed

µg/kg - Micrograms per kilogram

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-8B WC-AREA1-1-8C WC-AREA1-1-9A WC-AREA1-1-9B WC-AREA1-1-10			
	10/08/02	10/08/02	09/11/02	11/07/02
1,1,1-Trichloroethane	0.7 U	2 U	0.5 U	0.6 U
1,1,2,2-Tetrachloroethane	1 U	3 U	1 U	1 U
1,1,2-Trichloroethane	0.7 U	24	0.5 U	0.6 U
1,1-Dichloroethane	0.7 U	2 U	0.5 U	0.6 U
1,1-Dichloroethene	0.7 U	2 U	0.5 U	0.6 U
1,2,4-Trichlorobenzene	90	1500 A	NA	NA
1,2-Dichlorobenzene	0.9 U	35 M	NA	NA
1,2-Dichloroethane	0.6 U	67	0.4 U	23
1,2-Dichloroethene (total)	0.7 U	2 U	0.5 U	0.6 U
1,2-Dichloropropane	0.6 U	1 U	0.4 U	0.5 U
1,3-Dichlorobenzene	0.7 U	420 M	NA	NA
1,3-Dichloropropene, cis-	0.6 U	1 U	0.4 U	0.5 U
1,3-Dichloropropene, trans-	0.6 U	1 U	0.4 U	0.5 U
1,4-Dichlorobenzene	0.9 U	250 M	NA	NA
2-Butanone	4 U	9 U	3 U	3 U
2-Hexanone	5 U	11 U	4 U	4 U
4-Methyl-2-pentanone	4 U	8 U	3 U	3 U
Acetone	7 U	16 U	6 U	7 J
Benzene	0.7 U	43	2 J	7
Bromodichloromethane	0.7 U	2 U	0.5 U	0.6 U
Bromoform	0.9 U	2 U	0.6 U	0.7 U
Bromomethane	4 U	8 U	3 U	3 U
Carbon disulfide	0.3 U	0.6 U	0.2 U	0.2 U
Carbon tetrachloride	0.6 U	1 U	0.4 U	0.5 U
Chlorobenzene	0.7 U	2 U	2 J	10
Chloroethane	1 U	2 U	0.8 U	0.8 U
Chloroform	0.9 U	9 J	0.6 U	0.7 U
Chloromethane	1 U	2 U	0.9 U	0.9 U
Dibromochloromethane	0.6 U	1 U	0.4 U	0.5 U
Ethylbenzene	0.6 U	1 U	0.4 U	5 JH
Methylene chloride	2 U	10 JB	5 JB	4 JB
Styrene	0.7 U	2 U	0.5 U	0.6 U
Tetrachloroethene	0.6 U	9 J	0.4 U	0.5 U
Toluene	0.6 U	35	0.4 U	0.5 U
Trichloroethene	0.7 U	43	3 J	0.7 J
Vinyl acetate	4 U	9 U	3 U	4 U
Vinyl chloride	0.6 U	1 U	0.4 U	0.5 U
Xylene (total)	2 U	8 J	1 U	15

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Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-11 WC-AREA1-1-12 WC-AREA1-1-13 WC-AREA1-1-14 WC-AREA1-1-15			
	Sample Date: 11/07/02 11/07/02 11/21/02 12/11/02			
1,1,1-Trichloroethane	230 U	4 U	88 U	4800 U
1,1,2,2-Tetrachloroethane	320 U	7 U	120 U	6800 U
1,1,2-Trichloroethane	150 U	4 U	59 U	3200 U
1,1-Dichloroethane	220 U	4 U	85 U	4600 U
1,1-Dichloroethene	120 U	4 U	48 U	2600 U
1,2,4-Trichlorobenzene	20000	49	720 U	770000
1,2-Dichlorobenzene	3500	0.9 U	250 J	7000 U
1,2-Dichloroethane	490 U	3 U	190 U	10000 U
1,2-Dichloroethene (total)	270 U	14 J	100 U	5600 U
1,2-Dichloropropane	110 U	3 U	43 U	2300 U
1,3-Dichlorobenzene	2900	0.7 U	140 J	6600 U
1,3-Dichloropropene, cis-	150 U	3 U	58 U	3200 U
1,3-Dichloropropene, trans-	140 U	0.6 U	56 U	3000 U
1,4-Dichlorobenzene	3800	4 U	150 U	8000 U
2-Butanone	700 U	22 U	270 U	15000 U
2-Hexanone	660 U	26 U	260 U	14000 U
4-Methyl-2-pentanone	780 U	4 U	300 U	16000 U
Acetone	4600 U	39 U	1800 U	97000 U
Benzene	57000	2 J	170 J	31000 J
Bromodichloromethane	160 U	0.7 U	63 U	3400 U
Bromoform	180 U	0.9 U	68 U	3700 U
Bromomethane	590 J	4 U	150 U	8200 U
Carbon disulfide	14 U	0.3 U	6 U	300 U
Carbon tetrachloride	230 U	0.6 U	89 U	4800 U
Chlorobenzene	12000	140	12000	6800 J
Chloroethane	270 U	5 U	100 U	5600 U
Chloroform	540 U	0.9 U	210 U	11000 U
Chloromethane	250 U	1 U	97 U	5300 U
Dibromochloromethane	160 U	0.6 U	64 U	3500 U
Ethylbenzene	700 J	3 J	110 U	18000 J
Methylene chloride	820 J	8 B	210 J	9800 U
Styrene	280 U	4 U	110 U	5900 U
Tetrachloroethene	370 U	13	140 U	7800 U
Toluene	3900	3 J	130 U	6800 U
Trichloroethene	120 U	18	45 U	2400 U
Vinyl acetate	720 U	4 U	280 U	15000 U
Vinyl chloride	390 U	3 U	150 U	8200 U
Xylene (total)	10000	10	370 U	25000 J

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J - Estimated value

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NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-AREA1-1-16 WC-AREA1-1-17 WC-AREA1-2-1 WC-AREA1-2-2 WC-AREA1-2-3 WC-AREA1-2-4						
Parameter	12/11/02	12/11/02	08/22/02	09/11/02	09/11/02	09/11/02
(Concentrations in µg/kg)						
1,1,1-Trichloroethane	750 U	160 U	33000 U	3 U	85 U	100 U
1,1,2,2-Tetrachloroethane	1100 U	230 U	46000 U	38	120 U	310 J
1,1,2-Trichloroethane	500 U	110 U	22000 U	3 U	57 U	69 U
1,1-Dichloroethane	720 U	160 U	32000 U	3 U	82 U	99 U
1,1-Dichloroethene	410 U	89 U	18000 U	3 U	47 U	56 U
1,2,4-Trichlorobenzene	6100 U	1300 U	NA	NA	NA	NA
1,2-Dichlorobenzene	1100 U	370 J	NA	NA	NA	NA
1,2-Dichloroethane	1600 U	350 U	71000 U	3 U	180 U	220 U
1,2-Dichloroethene (total)	870 U	190 U	38000 U	51	100 U	2700
1,2-Dichloropropane	360 U	80 U	16000 U	3 U	41 U	50 U
1,3-Dichlorobenzene	1000 U	280 J	NA	NA	NA	NA
1,3-Dichloropropene, cis-	490 U	110 U	22000 U	3 U	56 U	68 U
1,3-Dichloropropene, trans-	470 U	100 U	21000 U	3 U	54 U	65 U
1,4-Dichlorobenzene	1200 U	400 J	NA	NA	NA	NA
2-Butanone	2300 U	510 U	100000 U	19 U	260 U	320 U
2-Hexanone	2200 U	480 U	95000 U	23 U	250 U	300 U
4-Methyl-2-pentanone	2600 U	560 U	110000 U	19 U	290 U	350 U
Acetone	15000 U	3600	660000 U	35 U	1700 U	2100 U
Benzene	580 J	1700	24000 U	32 J	550 J	670 J
Bromodichloromethane	540 U	120 U	23000 U	3 U	61 U	74 U
Bromoform	580 U	130 U	25000 U	4 U	66 U	80 U
Bromomethane	1300 U	280 U	56000 U	17 U	150 U	180 U
Carbon disulfide	47 U	10 U	2100 U	3 J	5 U	7 U
Carbon tetrachloride	750 U	160 U	33000 U	3 U	86 U	100 U
Chlorobenzene	41000	50000	42000 U	950	19000	4800
Chloroethane	870 U	190 U	38000 U	5 U	99 U	120 U
Chloroform	1800 U	390 U	77000 U	4 U	200 U	240 U
Chloromethane	820 U	180 U	36000 U	5 U	94 U	110 U
Dibromochloromethane	540 U	120 U	24000 U	3 U	62 U	74 U
Ethylbenzene	100000	2500	270000	190	5000	170 J
Methylene chloride	1500 UH	340 U	67000 U	9 JB	170 U	220 J
Styrene	930 U	200 U	92000 J	3 U	110 U	130 U
Tetrachloroethene	1200 U	270 U	53000 U	5 J	140 U	170 U
Toluene	4000 J	310 J	160000 J	4 J	2900	280 J
Trichloroethene	380 U	84 U	17000 U	56	43 U	4900
Vinyl acetate	2400 U	520 U	100000 U	20 U	270 U	320 U
Vinyl chloride	1300 U	280 U	56000 U	3 U	150 U	180 U
Xylene (total)	200000	5600	11000000	550	36000	2000

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-5 WC-AREA1-2-6 WC-AREA1-2-7 WC-AREA1-2-8 WC-AREA1-2-9 WC-AREA1-2-10									
	Sample Date: 09/12/02		09/12/02		09/12/02		09/12/02		09/12/02	
1,1,1-Trichloroethane	630 U	0.6 U	0.6 U	84 U	91 U	3 U				
1,1,2,2-Tetrachloroethane	890 U	1 U	1 U	120 U	130 U	6 U				
1,1,2-Trichloroethane	420 U	0.6 U	0.6 U	56 U	61 U	3 U				
1,1-Dichloroethane	600 U	0.6 U	0.6 U	81 U	88 U	3 U				
1,1-Dichloroethene	340 U	0.6 U	0.6 U	46 U	50 U	3 U				
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA				
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA				
1,2-Dichloroethane	1300 U	0.5 U	0.5 U	180 U	200 U	2 U				
1,2-Dichloroethene (total)	730 U	0.6 U	0.6 U	98 U	110 U	3 U				
1,2-Dichloropropane	300 U	0.5 U	0.5 U	41 U	44 U	2 U				
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropene, cis-	410 U	0.5 U	0.5 U	55 U	60 U	2 U				
1,3-Dichloropropene, trans-	400 U	0.5 U	0.5 U	53 U	58 U	2 U				
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA				
2-Butanone	1900 U	3 U	4 J	260 U	280 U	30 J				
2-Hexanone	1800 U	4 U	5 U	240 U	260 U	22 U				
4-Methyl-2-pentanone	2200 U	3 U	4 U	290 U	310 U	17 U				
Acetone	13000 U	6 U	7 J	1700 U	1800 U	44 J				
Benzene	450 U	2 J	3 J	250 J	2000	680				
Bromodichloromethane	450 U	0.6 U	0.6 U	60 U	65 U	3 U				
Bromoform	480 U	0.7 U	0.8 U	65 U	70 U	4 U				
Bromomethane	1100 U	3 U	3 U	140 U	160 U	16 U				
Carbon disulfide	40 U	0.8 J	2 J	5 U	6 U	3 J				
Carbon tetrachloride	630 U	0.5 U	0.5 U	84 U	91 U	2 U				
Chlorobenzene	170000	33	31	5900	2200	1100				
Chloroethane	730 U	0.8 U	0.9 U	97 U	110 U	4 U				
Chloroform	1500 U	0.7 U	0.8 U	200 U	220 U	4 U				
Chloromethane	690 U	0.9 U	1 U	92 U	100 U	5 U				
Dibromochloromethane	450 U	0.5 U	0.5 U	60 U	66 U	2 U				
Ethylbenzene	89000	3 J	3 J	310 J	110 U	58				
Methylene chloride	1300 U	3 JB	5 J	170 U	220 J	17 J				
Styrene	780 U	0.6 U	0.6 U	100 U	110 U	3 U				
Tetrachloroethene	1000 U	0.5 U	0.5 U	140 U	150 U	2 U				
Toluene	36000	1 J	3 J	170 J	240 J	25 J				
Trichloroethene	320 U	0.6 U	0.6 U	43 U	46 U	10 J				
Vinyl acetate	2000 U	3 U	4 U	260 U	290 U	19 U				
Vinyl chloride	1100 U	0.5 U	0.5 U	140 U	160 U	2 U				
Xylene (total)	420000	29	40	770	1300	1400				

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B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-11 WC-AREA1-2-11 WC-AREA1-2-11 WC-AREA1-2-12 WC-AREA1-2-12			
	Sample Date: 09/23/02		09/23/02	
	DIL	RE		
1,1,1-Trichloroethane	6 U	6 U	6 U	81 U
1,1,2,2-Tetrachloroethane	11 U	11 U	11 U	110 U
1,1,2-Trichloroethane	6 U	6 U	6 U	54 U
1,1-Dichloroethane	6 U	6 U	6 U	78 U
1,1-Dichloroethene	6 U	6 U	6 U	44 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA
1,2-Dichloroethane	5 U	5 U	5 U	170 U
1,2-Dichloroethene (total)	6 U	6 U	6 U	94 U
1,2-Dichloropropane	5 U	5 U	5 U	39 U
1,3-Dichlorobenzene	NA	NA	NA	NA
1,3-Dichloropropene, cis-	5 U	5 U	5 U	53 U
1,3-Dichloropropene, trans-	5 U	5 U	5 U	51 U
1,4-Dichlorobenzene	NA	NA	NA	NA
2-Butanone	37 U	37 U	37 U	250 U
2-Hexanone	45 U	45 U	45 U	230 U
4-Methyl-2-pentanone	36 U	36 U	36 U	280 U
Acetone	66 U	66 U	66 U	1600 U
Benzene	27 J	14 J	27 J	59 U
Bromodichloromethane	6 U	6 U	6 U	58 U
Bromoform	8 U	8 U	8 U	62 U
Bromomethane	32 U	32 U	32 U	140 U
Carbon disulfide	3 U	3 U	3 U	5 U
Carbon tetrachloride	5 U	5 U	5 U	81 U
Chlorobenzene	120	91	120	11000
Chloroethane	9 U	9 U	9 U	94 U
Chloroform	8 U	8 U	8 U	190 U
Chloromethane	10 U	10 U	10 U	89 U
Dibromochloromethane	5 U	5 U	5 U	58 U
Ethylbenzene	5 U	5 U	5 U	100 J
Methylene chloride	25 JB	15 U	25 JB	160 U
Styrene	6 U	6 U	6 U	100 U
Tetrachloroethene	5 U	5 U	5 U	130 U
Toluene	32 J	5 U	32 J	110 U
Trichloroethene	6 U	6 U	6 U	41 U
Vinyl acetate	38 U	38 U	38 U	250 U
Vinyl chloride	5 U	5 U	5 U	140 U
Xylene (total)	570	490	490	540 J

A - Concentration exceeds the instrument calibration range or below reporting limit

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H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-13			WC-AREA1-2-14			WC-AREA1-2-15		
	Sample Date: 09/23/02			09/23/02			10/15/02		
	DIL			DIL					
1,1,1-Trichloroethane	470 U			380 U			380 U		500 U
1,1,2,2-Tetrachloroethane	670 U			530 U			530 U		710 U
1,1,1,2-Trichloroethane	320 U			250 U			250 U		330 U
1,1-Dichloroethane	460 U			360 U			360 U		480 U
1,1-Dichloroethene	260 U			200 U			200 U		270 U
1,2,4-Trichlorobenzene	NA			NA			NA		15000
1,2-Dichlorobenzene	NA			NA			NA		12000
1,2-Dichloroethane	1000 U			810 U			810 U		1100 U
1,2-Dichloroethene (total)	550 U			440 U			440 U		580 U
1,2-Dichloropropane	230 U			180 U			180 U		240 U
1,3-Dichlorobenzene	NA			NA			NA		6100
1,3-Dichloropropene, cis-	310 U			250 U			250 U		330 U
1,3-Dichloropropene, trans-	300 U			240 U			240 U		320 U
1,4-Dichlorobenzene	NA			NA			NA		6400
2-Butanone	1500 U			1200 U			1200 U		1500 U
2-Hexanone	1400 U			1100 U			1100 U		1400 U
4-Methyl-2-pentanone	1600 U			1300 U			1300 U		1700 U
Acetone	9500 U			7500 U			7500 U		10000 U
Benzene	1100 J			270 U			270 U		21000
Bromodichloromethane	340 U			270 U			270 U		360 U
Bromoform	370 U			290 U			290 U		390 U
Bromomethane	810 U			640 U			640 U		860 U
Carbon disulfide	140 J			24 U			24 U		32 U
Carbon tetrachloride	470 U			380 U			380 U		500 U
Chlorobenzene	50000			12000			12000		86000
Chloroethane	550 U			440 U			440 U		580 U
Chloroform	1100 U			890 U			890 U		1200 U
Chloromethane	520 U			410 U			410 U		550 U
Dibromochloromethane	340 U			270 U			270 U		360 U
Ethylbenzene	5900			940 J			940 J		5700
Methylene chloride	970 U			770 U			770 U		1400 J
Styrene	590 U			460 U			460 U		620 U
Tetrachloroethene	770 U			610 U			610 U		810 U
Toluene	670 U			530 U			530 U		14000
Trichloroethene	480 J			190 U			190 U		250 U
Vinyl acetate	1500 U			1200 U			1200 U		1600 U
Vinyl chloride	810 U			640 U			640 U		860 U
Xylene (total)	10000			8000			8000		47000

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J - Estimated value

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NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-AREA1-2-16 WC-AREA1-2-17 WC-AREA1-2-18 WC-AREA1-2-19 WC-AREA1-2-20					
Sample Date:		10/15/02	10/15/02	10/15/02	10/15/02
Parameter	(Concentrations in µg/kg)				
1,1,1-Trichloroethane	240 U	200000 U	110 U	400 U	340 U
1,1,2,2-Tetrachloroethane	340 U	290000 U	150 U	570 U	470 U
1,1,2-Trichloroethane	160 U	140000 U	72 U	270 U	220 U
1,1-Dichloroethane	230 U	200000 U	100 U	390 U	320 U
1,1-Dichloroethene	130 U	110000 U	59 U	220 U	180 U
1,2,4-Trichlorobenzene	5400	1700000 U	5300	3800	76000
1,2-Dichlorobenzene	7600	900000 J	21000	580 U	4600
1,2-Dichloroethane	510 U	440000 U	230 U	860 U	720 U
1,2-Dichloroethene (total)	1800 J	240000 U	130 U	470 U	390 U
1,2-Dichloropropane	110 U	99000 U	53 U	190 U	160 U
1,3-Dichlorobenzene	970 J	280000 U	3900	550 U	570 J
1,3-Dichloropropene, cis-	160 U	140000 U	72 U	260 U	220 U
1,3-Dichloropropene, trans-	150 U	130000 U	69 U	250 U	210 U
1,4-Dichlorobenzene	1900 J	340000 U	8000	670 U	6300
2-Butanone	730 U	630000 U	330 U	1900 J	1000 U
2-Hexanone	690 U	590000 U	310 U	1200 U	970 U
4-Methyl-2-pentanone	820 U	700000 U	370 U	1400 U	1200 U
Acetone	4800 U	4100000 U	2200 U	8100 U	6700 U
Benzene	11000	150000 U	18000	370 J	65000
Bromodichloromethane	170 U	150000 U	78 U	290 U	240 U
Bromoform	180 U	160000 U	84 U	310 U	260 U
Bromomethane	410 U	350000 U	190 U	690 U	570 U
Carbon disulfide	15 U	13000 U	7 U	25 U	21 U
Carbon tetrachloride	240 U	200000 U	110 U	400 U	340 U
Chlorobenzene	71000	3400000	22000	65000	7700
Chloroethane	280 U	240000 U	130 U	470 U	390 U
Chloroform	560 U	480000 U	260 U	940 U	790 U
Chloromethane	260 U	230000 U	120 U	440 U	370 U
Dibromochloromethane	170 U	150000 U	78 U	290 U	240 U
Ethylbenzene	1300 J	250000 U	4300	630 J	410 U
Methylene chloride	770 J	710000 J	270 J	1100 J	1000 J
Styrene	290 U	250000 U	130 U	500 U	420 U
Tetrachloroethene	380 U	330000 U	180 U	650 U	540 U
Toluene	1500 J	290000 U	3600	570 UH	500 J
Trichloroethene	4600	100000 U	55 U	200 U	170 U
Vinyl acetate	750 U	650000 U	340 U	1300 U	1100 U
Vinyl chloride	410 U	350000 U	190 U	690 U	570 U
Xylene (total)	11000	870000 U	27000	1700 U	2600 J

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J - Estimated value

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NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-21 WC-AREA1-2-21 WC-AREA4A-1-1 WC-AREA4A-1-2 WC-AREA4A-1-3		
	Sample Date: 12/30/02	12/30/02	10/30/02
1,1,1-Trichloroethane	0.7 U	0.7 U	0.5 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U
1,1,2-Trichloroethane	0.7 U	0.7 U	0.5 U
1,1-Dichloroethane	0.7 U	0.7 U	0.5 U
1,1-Dichloroethene	0.7 U	0.7 U	0.5 U
1,2,4-Trichlorobenzene	68 H	NA	0.8 U
1,2-Dichlorobenzene	3 J	NA	0.6 U
1,2-Dichloroethane	0.6 U	0.6 U	0.4 U
1,2-Dichloroethene (total)	0.7 U	0.7 U	0.5 U
1,2-Dichloropropane	0.6 U	0.6 U	0.4 U
1,3-Dichlorobenzene	16 M	NA	0.5 U
1,3-Dichloropropene, cis-	0.6 U	0.6 U	0.4 U
1,3-Dichloropropene, trans-	0.6 U	0.6 U	0.4 U
1,4-Dichlorobenzene	6 JM	NA	0.6 U
2-Butanone	4 U	4 U	3 U
2-Hexanone	5 U	5 U	4 U
4-Methyl-2-pentanone	4 U	4 U	3 U
Acetone	7 U	7 U	12 B
Benzene	0.7 U	0.7 U	0.5 U
Bromodichloromethane	0.7 U	0.7 U	0.6 U
Bromoform	0.9 U	0.9 U	0.6 U
Bromomethane	4 U	4 U	3 U
Carbon disulfide	0.3 U	0.3 U	0.2 U
Carbon tetrachloride	0.6 U	0.6 U	0.4 U
Chlorobenzene	1 J	1 J	0.5 U
Chloroethane	1 U	1 U	0.8 U
Chloroform	0.9 U	0.9 U	0.7 U
Chloromethane	1 U	1 U	0.9 U
Dibromochloromethane	0.6 U	0.6 U	0.4 U
Ethylbenzene	1 J	1 J	0.4 U
Methylene chloride	6 J	6 J	3 JB
Styrene	0.7 U	0.7 U	0.6 U
Tetrachloroethene	0.6 U	0.6 U	0.4 U
Toluene	2 J	2 J	0.4 U
Trichloroethene	0.7 U	0.7 U	0.5 U
Vinyl acetate	4 U	4 U	3 U
Vinyl chloride	0.6 U	0.6 U	0.4 U
Xylene (total)	5 J	5 J	1 U

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-1-4 WC-AREA4A-1-5 WC-AREA4A-1-6 WC-AREA4A-1-7 WC-AREA4A-1-8			
	11/21/02	11/21/02	11/21/02	12/02/02
1,1,1-Trichloroethane	0.5 U	0.6 U	0.6 U	0.6 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.5 U	0.6 U	0.6 U	0.6 U
1,1-Dichloroethane	0.5 U	0.6 U	0.6 U	0.6 U
1,1-Dichloroethene	0.5 U	0.6 U	0.6 U	0.6 U
1,2,4-Trichlorobenzene	0.8 U	0.8 U	0.8 U	0.9 U
1,2-Dichlorobenzene	2 JB	7 B	3 JB	2 JB
1,2-Dichloroethane	0.4 U	0.4 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	0.5 U	0.6 U	0.6 U	0.6 U
1,2-Dichloropropane	0.4 U	0.4 U	0.5 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.6 U	0.6 U	0.6 U
1,3-Dichloropropene, cis-	0.4 U	0.4 U	0.5 U	0.5 U
1,3-Dichloropropene, trans-	0.4 U	0.4 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.7 J	2 J	0.9 J	0.8 U
2-Butanone	3 U	3 U	4 U	4 U
2-Hexanone	4 U	4 U	4 U	5 U
4-Methyl-2-pentanone	3 U	3 U	3 U	4 U
Acetone	11 B	6 U	11 JB	16
Benzene	0.5 U	0.6 U	0.6 U	0.6 U
Bromodichloromethane	0.5 U	0.6 U	0.6 U	0.6 U
Bromoform	0.7 U	0.7 U	0.7 U	0.8 U
Bromomethane	3 U	3 U	3 U	3 U
Carbon disulfide	2 JB	4 JB	4 JB	3 JB
Carbon tetrachloride	0.4 U	0.4 U	0.5 U	0.5 U
Chlorobenzene	0.6 J	1 J	1 J	0.6 U
Chloroethane	0.8 U	0.8 U	0.9 U	0.9 U
Chloroform	0.7 U	0.7 U	0.7 U	0.8 U
Chloromethane	0.9 U	0.9 U	1 U	1 U
Dibromochloromethane	0.4 U	0.4 U	0.5 U	0.5 U
Ethylbenzene	0.4 U	0.4 U	0.5 U	0.5 U
Methylene chloride	2 JB	3 JB	2 JB	2 JB
Styrene	0.5 U	0.6 U	0.6 U	0.6 U
Tetrachloroethene	0.4 U	0.4 U	0.5 U	0.5 U
Toluene	0.4 U	0.5 J	0.5 U	4 J
Trichloroethene	0.5 U	0.6 U	0.6 U	0.6 U
Vinyl acetate	3 U	3 U	4 U	4 U
Vinyl chloride	0.4 U	0.4 U	0.5 U	0.5 U
Xylene (total)	1 U	1 U	1 U	1 U

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-AREA4A-1-9 WC-AREA4A-2-1 WC-AREA4A-2-2 WC-AREA4A-2-3 WC-AREA4A-2-4			
Sample Date:		11/21/02	12/02/02
Parameter	(Concentrations in µg/kg)		
1,1,1-Trichloroethane	0.5 U	0.7 U	0.7 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U
1,1,2-Trichloroethane	0.5 U	0.7 U	0.7 U
1,1-Dichloroethane	0.5 U	0.7 U	0.7 U
1,1-Dichloroethene	0.5 U	0.7 U	0.7 U
1,2,4-Trichlorobenzene	0.8 U	1 U	0.9 U
1,2-Dichlorobenzene	2 JB	4 JB	3 JHB
1,2-Dichloroethane	0.4 U	0.6 U	0.5 U
1,2-Dichloroethene (total)	0.5 U	0.7 U	0.7 U
1,2-Dichloropropane	0.4 U	0.6 U	0.5 U
1,3-Dichlorobenzene	0.5 U	0.7 U	0.7 U
1,3-Dichloropropene, cis-	0.4 U	0.6 U	0.5 U
1,3-Dichloropropene, trans-	0.4 U	0.6 U	0.5 U
1,4-Dichlorobenzene	0.6 U	0.9 J	0.8 U
2-Butanone	8 J	4 U	4 U
2-Hexanone	4 U	5 U	5 U
4-Methyl-2-pentanone	3 U	4 U	4 U
Acetone	6 U	20 B	19
Benzene	0.5 U	0.7 U	0.7 U
Bromodichloromethane	0.5 U	0.7 U	0.7 U
Bromoform	0.6 U	0.8 U	0.8 U
Bromomethane	3 U	3 U	3 U
Carbon disulfide	4 JB	6 JB	3 JB
Carbon tetrachloride	0.4 U	0.6 U	0.5 U
Chlorobenzene	0.5 U	0.7 U	0.7 U
Chloroethane	0.8 U	1 U	0.9 U
Chloroform	0.6 U	0.8 U	0.8 U
Chloromethane	0.9 U	1 U	1 U
Dibromochloromethane	0.4 U	0.6 U	0.5 U
Ethylbenzene	0.4 U	0.6 U	0.5 U
Methylene chloride	2 JB	4 JB	4 JB
Styrene	0.5 U	0.7 U	0.7 U
Tetrachloroethene	0.4 U	0.6 U	0.5 U
Toluene	3 J	0.6 U	5 J
Trichloroethene	0.5 U	0.7 U	0.7 U
Vinyl acetate	3 U	4 U	4 U
Vinyl chloride	0.4 U	0.6 U	0.5 U
Xylene (total)	1 U	2 U	1 U

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B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-2-5 WC-AREA4A-2-6 WC-AREA4A-2-7 WC-AREA4A-2-8 WC-AREA4B-1-1		
	Sample Date: 12/02/02	12/02/02	12/02/02 09/23/02
1,1,1-Trichloroethane	0.7 U	0.6 U	0.7 U 0.5 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U 1 U
1,1,2-Trichloroethane	0.7 U	0.6 U	0.7 U 0.5 U
1,1-Dichloroethane	0.7 U	0.6 U	0.7 U 0.5 U
1,1-Dichloroethene	0.7 U	0.6 U	0.7 U 0.5 U
1,2,4-Trichlorobenzene	1 U	0.8 U	1 U NA
1,2-Dichlorobenzene	7 JB	2 J	4 JB 0.9 J NA
1,2-Dichloroethane	0.6 U	3 J	0.6 U 3 JH 0.4 U
1,2-Dichloroethene (total)	0.7 U	0.6 U	0.7 U 0.5 U 0.5 U
1,2-Dichloropropane	0.6 U	0.5 U	0.6 U 0.4 U 0.4 U
1,3-Dichlorobenzene	0.7 U	0.6 U	0.7 U 0.5 U NA
1,3-Dichloropropene, cis-	0.6 U	0.5 U	0.6 U 0.4 U 0.4 U
1,3-Dichloropropene, trans-	0.6 U	0.5 U	0.6 U 0.4 U 0.4 U
1,4-Dichlorobenzene	0.9 U	0.8 J	1 J 0.7 U NA
2-Butanone	4 U	3 U	4 U 3 U 3 U
2-Hexanone	5 U	4 U	5 U 4 U 4 U
4-Methyl-2-pentanone	4 U	3 U	4 U 3 U 3 U
Acetone	8 U	15 B	17 9 JB 6 U
Benzene	0.7 U	0.9 J	0.7 U 0.5 U 0.5 U
Bromodichloromethane	0.7 U	0.6 U	0.7 U 0.5 U 0.5 U
Bromoform	0.9 U	0.7 U	0.9 U 0.7 U 0.6 U
Bromomethane	4 U	3 U	4 U 3 U 3 U
Carbon disulfide	2 JB	0.2 U	2 JB 1 JB 0.2 U
Carbon tetrachloride	0.6 U	0.5 U	0.6 U 0.4 U 0.4 U
Chlorobenzene	0.7 U	2 J	0.7 U 0.8 J 0.5 U
Chloroethane	1 U	0.8 U	1 U 0.8 U 0.8 U
Chloroform	0.9 U	0.7 U	0.9 U 0.7 U 0.6 U
Chloromethane	1 U	0.9 U	1 U 0.9 U 0.9 U
Dibromochloromethane	0.6 U	0.5 U	0.6 U 0.4 U 0.4 U
Ethylbenzene	0.6 U	0.5 U	0.6 U 0.4 U 0.4 U
Methylene chloride	3 JB	2 J	3 JB 3 J 1 U
Styrene	0.7 U	0.6 U	0.7 U 0.5 U 0.5 U
Tetrachloroethene	0.6 U	0.5 U	0.6 U 0.4 U 0.4 U
Toluene	42	16	21 37 0.4 U
Trichloroethene	0.7 U	0.6 U	0.7 U 0.5 U 0.5 U
Vinyl acetate	4 U	3 U	4 U 3 U 3 U
Vinyl chloride	0.6 U	0.5 U	0.6 U 0.4 U 0.4 U
Xylene (total)	2 U	1 U	2 U 1 U 1 U

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Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-AREA4B-1-1 WC-AREA4B-1-2 WC-AREA4B-1-2 WC-BLDG84-SOIL-1A				
Sample Date:		09/23/02	09/23/02	09/23/02
Parameter	RE			DIL
(Concentrations in µg/kg)				
1,1,1-Trichloroethane	0.5 U	0.6 U	0.6 U	3 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	5 U
1,1,2-Trichloroethane	0.5 U	0.6 U	0.6 U	3 U
1,1-Dichloroethane	0.5 U	0.6 U	0.6 U	3 U
1,1-Dichloroethene	0.5 U	0.6 U	0.6 U	3 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA
1,2-Dichloroethane	0.4 U	0.5 U	0.5 U	2 U
1,2-Dichloroethene (total)	0.5 U	0.6 U	0.6 U	3 U
1,2-Dichloropropane	0.4 U	0.5 U	0.5 U	2 U
1,3-Dichlorobenzene	NA	NA	NA	NA
1,3-Dichloropropene, cis-	0.4 U	0.5 U	0.5 U	2 U
1,3-Dichloropropene, trans-	0.4 U	0.5 U	0.5 U	2 U
1,4-Dichlorobenzene	NA	NA	NA	NA
2-Butanone	3 U	3 U	3 U	17 U
2-Hexanone	4 U	4 U	4 U	20 U
4-Methyl-2-pentanone	3 U	3 U	3 U	16 U
Acetone	6 U	6 U	6 U	30 U
Benzene	0.5 U	0.6 U	0.6 U	8 J
Bromodichloromethane	0.5 U	0.6 U	0.6 U	3 U
Bromoform	0.6 U	0.7 U	0.7 U	3 U
Bromomethane	3 U	3 U	3 U	15 U
Carbon disulfide	0.2 U	0.2 U	0.2 U	1 U
Carbon tetrachloride	0.4 U	0.5 U	0.5 U	2 U
Chlorobenzene	0.5 U	0.6 U	6	260
Chloroethane	0.8 U	0.8 U	0.8 U	4 U
Chloroform	0.6 U	0.7 U	0.7 U	3 U
Chloromethane	0.9 U	0.9 U	0.9 U	5 U
Dibromochloromethane	0.4 U	0.5 U	0.5 U	2 U
Ethylbenzene	0.4 U	0.5 U	0.5 U	2 U
Methylene chloride	1 U	3 JB	1 U	7 JB
Styrene	0.5 U	0.6 U	0.6 U	3 U
Tetrachloroethene	0.4 U	0.5 U	0.5 U	2 U
Toluene	0.4 U	0.5 U	0.5 U	9 J
Trichloroethene	0.5 U	0.6 U	0.6 U	3 U
Vinyl acetate	3 U	3 U	3 U	17 U
Vinyl chloride	0.4 U	0.5 U	0.5 U	2 U
Xylene (total)	1 U	1 U	1 U	7 J

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J - Estimated value

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Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-BLDG84-SOIL-2 WC-BLDG87-SOIL-1A WC-BLDG87-SOIL-2A WC-BLDG93-PR-1				
Sample Date:				
Parameter	DIL	12/02/03	12/29/03	07/08/03
(Concentrations in µg/kg)				
1,1,1-Trichloroethane	2600 U	530 U	260 U	0.6 U
1,1,2,2-Tetrachloroethane	4400 U	890 U	430 U	1 U
1,1,2-Trichloroethane	4900 U	1000 U	490 U	0.6 U
1,1-Dichloroethane	3900 U	800 U	390 U	0.6 U
1,1-Dichloroethene	4900 U	1000 U	490 U	0.6 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA
1,2-Dichloroethane	1900 U	390 U	190 U	3 J
1,2-Dichloroethene (total)	6000 U	1200 U	590 U	0.6 U
1,2-Dichloropropane	3500 U	720 U	350 U	0.5 U
1,3-Dichlorobenzene	NA	NA	NA	NA
1,3-Dichloropropene, cis-	3800 U	760 U	370 U	0.5 U
1,3-Dichloropropene, trans-	2600 U	540 U	260 U	0.5 U
1,4-Dichlorobenzene	NA	NA	NA	NA
2-Butanone	6900 U	1400 U	690 U	4 U
2-Hexanone	8200 U	1700 U	810 U	5 U
4-Methyl-2-pentanone	3000 U	610 U	300 U	4 U
Acetone	53000 JB	2400 UB	1200 UB	7 U
Benzene	12000 J	480 U	230 U	3 J
Bromodichloromethane	2700 U	550 U	270 U	0.6 U
Bromoform	2800 U	560 U	270 U	0.8 U
Bromomethane	19000 U	3900 U	1900 U	3 U
Carbon disulfide	3800 U	770 U	380 U	0.3 U
Carbon tetrachloride	2000 U	410 U	200 U	0.5 U
Chlorobenzene	810000	19000	3800	26
Chloroethane	5100 U	1000 U	510 U	0.9 U
Chloroform	2700 U	550 U	270 U	0.8 U
Chloromethane	6100 U	1200 U	600 U	1 U
Dibromochloromethane	1400 U	290 U	140 U	0.5 U
Ethylbenzene	1700 U	340 U	170 U	1 J
Methylene chloride	5100 JB	1000 JB	1200 J	7
Styrene	2200 U	450 U	220 U	0.6 U
Tetrachloroethene	2600 U	520 U	250 U	0.5 U
Toluene	8400 J	1600 J	1000 J	8
Trichloroethene	3800 U	780 U	380 U	0.6 U
Vinyl acetate	9200 U	1900 U	920 U	4 U
Vinyl chloride	6000 U	1200 U	600 U	0.5 U
Xylene (total)	9300 J	1300 U	640 U	6 J

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J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

2. Next, it is important to gather relevant information and data. This can be done through research, consultation with experts, or by analyzing existing resources.

3. Once the information is gathered, the next step is to develop a plan or strategy. This involves breaking down the problem into smaller, manageable parts and determining the best approach to solve each part.

4. After the plan is developed, the next step is to implement the solution. This involves putting the plan into action and monitoring the progress to ensure that the solution is effective.

5. Finally, it is important to evaluate the results of the solution. This involves comparing the actual outcomes with the expected outcomes and identifying any areas for improvement.

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H - Alternate Peak Selection upon analytical review

U - Indicates that the compound was analyzed for but not detected

$\mu\text{g/kg}$ - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-BLDG93-SOIL-2A WC-BLDG93-SOIL-3A WC-BLDG93-SOIL-3A WC-BLDG93-SOIL-4				
Parameter	Sample Date:	DIL	RA	
(Concentrations in µg/kg)				
1,1,1-Trichloroethane	08/19/03	3 U	0.6 U	0.2 U
1,1,2,2-Tetrachloroethane		6 U	1 U	0.4 U
1,1,2-Trichloroethane		3 U	0.6 U	0.2 U
1,1-Dichloroethane		3 U	0.6 U	0.2 U
1,1-Dichloroethene		3 U	0.6 U	0.2 U
1,2,4-Trichlorobenzene		NA	NA	NA
1,2-Dichlorobenzene		NA	NA	NA
1,2-Dichloroethane		3 U	0.5 U	0.2 U
1,2-Dichloroethene (total)		3 U	0.6 U	0.2 U
1,2-Dichloropropane		3 U	0.5 U	0.2 U
1,3-Dichlorobenzene		NA	NA	NA
1,3-Dichloropropene, cis-		3 U	0.5 U	0.2 U
1,3-Dichloropropene, trans-		3 U	0.5 U	0.2 U
1,4-Dichlorobenzene		NA	NA	NA
2-Butanone		18 U	4 U	1 U
2-Hexanone		22 U	4 U	1 U
4-Methyl-2-pentanone		18 U	4 U	1 U
Acetone		33 U	8 J	2 U
Benzene		3 U	4 J	19
Bromodichloromethane		3 U	0.6 U	0.2 U
Bromoform		4 U	0.8 U	0.2 U
Bromomethane		16 U	3 U	1 U
Carbon disulfide		1 U	1 J	0.08 U
Carbon tetrachloride		3 U	0.5 U	0.2 U
Chlorobenzene		290	640 A	45
Chloroethane		4 U	0.9 U	0.3 U
Chloroform		4 U	0.8 U	0.2 U
Chloromethane		5 U	1 U	0.3 U
Dibromochloromethane		3 U	0.5 U	0.2 U
Ethylbenzene		3 U	7	3
Methylene chloride		31 JB	6 JB	7 B
Styrene		3 U	0.6 U	0.2 U
Tetrachloroethene		3 U	0.5 U	0.2 U
Toluene		3 U	2 J	0.2 U
Trichloroethene		3 U	0.6 U	0.2 U
Vinyl acetate		19 U	4 U	1 U
Vinyl chloride		3 U	0.5 U	0.2 U
Xylene (total)		7 U	15	11

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J - Estimated value

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µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG93-SOIL-4						Sample Date:					
	WC-GCS3-1-I	WC-GCS3-1-I	WC-GCS3-1-I	WC-GCS3-1-I	WC-GCS3-1-I	WC-GCS3-1-I	12/30/02	12/30/02	12/30/02	12/30/02	12/30/02	12/30/02
1,1,1-Trichloroethane	0.7 U	68 U	68 U	79 U	72 U	72 U	72 U	72 U	72 U	72 U	72 U	72 U
1,1,2,2-Tetrachloroethane	1 U	96 U	96 U	110 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
1,1,2-Trichloroethane	0.7 U	45 U	45 U	53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
1,1-Dichloroethane	0.7 U	65 U	65 U	77 U	69 U	69 U	69 U	69 U	69 U	69 U	69 U	69 U
1,1-Dichloroethene	0.7 U	37 U	37 U	43 U	39 U	39 U	39 U	39 U	39 U	39 U	39 U	39 U
1,2,4-Trichlorobenzene	NA	550 U	NA	1400	580 U	580 U	580 U	580 U	580 U	580 U	580 U	580 U
1,2-Dichlorobenzene	NA	130 J	NA	6100	1300	1300	1300	1300	1300	1300	1300	1300
1,2-Dichloroethane	0.6 U	1500 H	1500 H	170 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U
1,2-Dichloroethene (total)	0.7 U	79 U	79 U	93 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U	84 U
1,2-Dichloropropane	0.6 U	33 U	33 U	38 U	35 U	35 U	35 U	35 U	35 U	35 U	35 U	35 U
1,3-Dichlorobenzene	NA	93 U	NA	150 J	160 J	160 J	160 J	160 J	160 J	160 J	160 J	160 J
1,3-Dichloropropene, cis-	0.6 U	45 U	45 U	52 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U
1,3-Dichloropropene, trans-	0.6 U	43 U	43 U	50 U	45 U	45 U	45 U	45 U	45 U	45 U	45 U	45 U
1,4-Dichlorobenzene	NA	110 U	NA	880	240 J	240 J	240 J	240 J	240 J	240 J	240 J	240 J
2-Butanone	4 U	210 U	210 U	1200	220 U	220 U	220 U	220 U	220 U	220 U	220 U	220 U
2-Hexanone	5 U	200 U	200 U	230 U	210 U	210 U	210 U	210 U	210 U	210 U	210 U	210 U
4-Methyl-2-pentanone	4 U	230 U	230 U	270 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U
Acetone	7 U	1400 U	1400 U	1600 U	1400 U	1400 U	1400 U	1400 U	1400 U	1400 U	1400 U	1400 U
Benzene	35	220 J	220 J	25000	12000	12000	12000	12000	12000	12000	12000	12000
Bromodichloromethane	0.7 U	48 U	48 U	57 U	51 U	51 U	51 U	51 U	51 U	51 U	51 U	51 U
Bromoform	0.8 U	52 U	52 U	61 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
Bromomethane	3 U	120 U	120 U	140 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
Carbon disulfide	0.3 U	4 U	4 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	0.6 U	68 U	68 U	79 U	72 U	72 U	72 U	72 U	72 U	72 U	72 U	72 U
Chlorobenzene	57	4100	4100	5600	5700	5700	5700	5700	5700	5700	5700	5700
Chloroethane	1 U	79 U	79 U	92 U	83 U	83 U	83 U	83 U	83 U	83 U	83 U	83 U
Chloroform	0.8 U	160 U	160 U	190 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
Chloromethane	1 U	75 U	75 U	87 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U
Dibromochloromethane	0.6 U	49 U	49 U	57 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U
Ethylbenzene	3 J	83 U	83 U	97 U	550 J	550 J	550 J	550 J	550 J	550 J	550 J	550 J
Methylene chloride	5 JB	140 U	140 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U
Styrene	0.7 U	84 U	84 U	98 U	89 U	89 U	89 U	89 U	89 U	89 U	89 U	89 U
Tetrachloroethene	0.6 U	110 U	110 U	130 U	120 J	120 J	120 J	120 J	120 J	120 J	120 J	120 J
Toluene	2 J	210 J	210 J	900	230 J	230 J	230 J	230 J	230 J	230 J	230 J	230 J
Trichloroethene	0.7 U	34 U	34 U	40 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U	36 U
Vinyl acetate	4 U	210 U	210 U	250 U	230 U	230 U	230 U	230 U	230 U	230 U	230 U	230 U
Vinyl chloride	0.6 U	120 U	120 U	140 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
Xylene (total)	13	290 U	290 U	820	380 J	380 J	380 J	380 J	380 J	380 J	380 J	380 J

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Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-GCS6-2-1 WC-GCS6-2-2 WC-LFGCS-1-1 WC-LFGCS-1-2 WC-LFGCS-1-3 WC-LFGCS-1-4					
Sample Date: 08/15/02 08/15/02 08/22/02 08/22/02 09/11/02 09/24/02					
Parameter					
(Concentrations in µg/kg)					
1,1,1-Trichloroethane	170 U	80 U	0.6 U	0.5 U	0.7 U
1,1,2,2-Tetrachloroethane	240 U	110 U	1 U	1 U	1 U
1,1,2-Trichloroethane	110 U	54 U	0.6 U	0.5 U	0.7 U
1,1-Dichloroethane	160 U	78 U	0.6 U	0.5 U	0.7 U
1,1-Dichloroethene	92 U	44 U	0.6 U	0.5 U	0.7 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichloroethane	12000	170 U	0.5 U	0.4 U	0.5 U
1,2-Dichloroethene (total)	200 U	94 U	0.6 U	0.5 U	0.7 U
1,2-Dichloropropane	82 U	39 U	0.5 U	0.4 U	0.5 U
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichloropropene, cis-	110 U	53 U	0.5 U	0.4 U	0.5 U
1,3-Dichloropropene, trans-	110 U	51 U	0.5 U	0.4 U	0.5 U
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
2-Butanone	520 U	250 U	3 U	3 U	4 U
2-Hexanone	490 U	230 U	4 U	4 U	4 U
4-Methyl-2-pentanone	580 U	280 U	3 U	3 U	4 U
Acetone	3400 U	1600 U	6 U	6 U	7 U
Benzene	120 U	58 U	0.8 J	0.5 U	2 J
Bromodichloromethane	120 U	58 U	0.6 U	0.5 U	0.7 U
Bromoform	130 U	62 U	0.7 U	0.7 U	0.8 U
Bromomethane	290 U	140 U	3 U	3 U	3 U
Carbon disulfide	11 U	5 U	0.2 U	0.2 U	0.3 U
Carbon tetrachloride	170 U	81 U	0.5 U	0.4 U	0.5 U
Chlorobenzene	34000	9100	0.6 U	0.5 U	1 J
Chloroethane	200 U	94 U	0.8 U	0.8 U	0.9 U
Chloroform	400 U	190 U	0.7 U	0.7 U	0.8 U
Chloromethane	190 U	89 U	0.9 U	0.9 U	1 U
Dibromochloromethane	120 U	58 U	0.5 U	0.4 U	0.5 U
Ethylbenzene	460 J	99 U	0.5 U	0.4 U	0.5 U
Methylene chloride	760 J	400 J	1 UB	1 UB	2 UB
Styrene	210 U	100 U	0.6 U	0.5 U	0.7 U
Tetrachloroethene	270 U	130 U	0.5 U	0.4 U	0.5 U
Toluene	240 U	110 U	0.5 U	0.4 U	0.5 U
Trichloroethene	310 J	41 U	0.6 U	0.5 U	0.7 U
Vinyl acetate	530 U	250 U	3 U	3 U	4 U
Vinyl chloride	290 U	140 U	0.5 U	0.4 U	0.5 U
Xylene (total)	2100	340 U	1 U	1 U	1 U

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-PT2-2-2 WC-PT2-2-2 WC-PT2-2-2 WC-PT2-2-3 WC-PT2-2-3 WC-PT2-2-4 WC-PT2-2-4 WC-PT2-2-5									
	Sample Date:		12/30/02		12/30/02		12/30/02		12/30/02	
									DIL	
1,1,1-Trichloroethane	92 U		92 U		80 U		80 U		870 U	70 U
1,1,2,2-Tetrachloroethane	130 U		130 U		110 U		110 U		1200 U	100 U
1,1,2-Trichloroethane	61 U		61 U		54 U		54 U		580 U	47 U
1,1-Dichloroethane	89 U		89 U		78 U		78 U		840 U	68 U
1,1-Dichloroethene	50 U		50 U		44 U		44 U		480 U	38 U
1,2,4-Trichlorobenzene	23000		NA		14000		NA		NA	3800
1,2-Dichlorobenzene	25000		NA		26000		NA		NA	20000
1,2-Dichloroethane	200 U		200 U		170 U		170 U		1900 U	150 U
1,2-Dichloroethene (total)	110 U		110 U		94 U		94 U		1000 U	82 U
1,2-Dichloropropane	45 U		45 U		39 U		39 U		420 U	34 U
1,3-Dichlorobenzene	1200		NA		520 J		NA		NA	1600 J
1,3-Dichloropropene, cis-	61 U		61 U		53 U		53 U		580 U	46 U
1,3-Dichloropropene, trans-	58 U		58 U		51 U		51 U		550 U	45 U
1,4-Dichlorobenzene	2600		NA		2400		NA		NA	13000
2-Butanone	280 U		280 U		250 U		250 U		2700 U	220 U
2-Hexanone	270 U		270 U		230 U		230 U		2500 U	200 U
4-Methyl-2-pentanone	320 U		320 U		280 U		280 U		3000 U	240 U
Acetone	1900 U		1900 U		1600 U		1600 U		18000 U	1400 U
Benzene	610 J		610 J		1300		1300		18000	180 J
Bromodichloromethane	66 U		66 U		58 U		58 U		630 U	50 U
Bromoform	71 U		71 U		62 U		62 U		680 U	54 U
Bromomethane	160 J		160 J		290 JH		290 JH		1500 U	120 U
Carbon disulfide	6 U		6 U		5 U		5 U		55 U	4 U
Carbon tetrachloride	92 U		92 U		81 U		81 U		880 U	70 U
Chlorobenzene	13000		13000		1700		1700		74000	4400
Chloroethane	140 J		140 J		140 J		140 J		1000 U	82 U
Chloroform	220 U		220 U		190 U		190 U		2100 U	170 U
Chloromethane	100 U		100 U		89 U		89 U		960 U	77 U
Dibromochloromethane	66 U		66 U		58 U		58 U		630 U	51 U
Ethylbenzene	470 J		470 J		99 U		99 U		1200 J	260 J
Methylene chloride	190 U		190 U		160 U		160 U		1800 U	140 U
Styrene	110 U		110 U		100 U		100 U		1100 U	87 U
Tetrachloroethene	150 U		150 U		130 U		130 U		1400 U	110 U
Toluene	2200		2200		1700		1700		1200 U	630
Trichloroethene	160 J		160 J		41 U		41 U		450 U	36 U
Vinyl acetate	290 U		290 U		250 U		250 U		2800 U	220 U
Vinyl chloride	160 U		160 U		140 U		140 U		1500 U	120 U
Xylene (total)	6700		6700		2100		2100		4400 J	1200

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-PT2-2-5 WC-PT2-2-6 WC-PT2-2-7 WC-PT2-2-7 WC-PT2-2-2 WC-PT2-2-3 WC-PT2-2-4									
	Sample Date: 12/30/02		12/30/02		12/30/02		12/30/02		12/20/02	
	DIL		DIL		DIL		DIL		DIL	
1,1,1-Trichloroethane	70 U	840 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	80 U	480 U
1,1,2,2-Tetrachloroethane	100 U	1200 U	1200 U	2500 U	2500 U	2500 U	2500 U	2500 U	110 U	690 U
1,1,2,2-Trichloroethane	47 U	560 U	1200 U	1200 U	1200 U	1200 U	1200 U	1200 U	53 U	320 U
1,1-Dichloroethane	68 U	810 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	77 U	470 U
1,1-Dichloroethene	38 U	460 U	970 U	970 U	970 U	970 U	970 U	970 U	43 U	260 U
1,2,4-Trichlorobenzene	NA	NA	20000	NA	39000	39000	39000	39000	17000	23000
1,2-Dichlorobenzene	NA	NA	120000	NA	510000	510000	510000	510000	11000	160000
1,2-Dichloroethane	150 U	1800 U	1800 U	3800 U	3800 U	3800 U	3800 U	3800 U	170 U	1000 U
1,2-Dichloroethene (total)	82 U	980 U	980 U	2100 U	2100 U	2100 U	2100 U	2100 U	93 U	560 U
1,2-Dichloropropane	34 U	410 U	410 U	860 U	860 U	860 U	860 U	860 U	39 U	230 U
1,3-Dichlorobenzene	NA	NA	2700 J	NA	21000	21000	21000	21000	320 J	670 U
1,3-Dichloropropene, cis-	46 U	550 U	550 U	1200 U	1200 U	1200 U	1200 U	1200 U	53 U	320 U
1,3-Dichloropropene, trans-	45 U	530 U	530 U	1100 U	1100 U	1100 U	1100 U	1100 U	50 U	310 U
1,4-Dichlorobenzene	NA	NA	7400	NA	35000	35000	35000	35000	1600	21000
2-Butanone	220 U	2600 U	2600 U	5500 U	5500 U	5500 U	5500 U	5500 U	250 U	1500 U
2-Hexanone	200 U	2400 U	2400 U	5100 U	5100 U	5100 U	5100 U	5100 U	230 U	1400 U
4-Methyl-2-pentanone	240 U	2900 U	2900 U	6100 U	6100 U	6100 U	6100 U	6100 U	270 U	1700 U
Acetone	1400 U	17000 U	17000 U	36000 U	36000 U	36000 U	36000 U	36000 U	1600 U	9700 U
Benzene	180 J	650 J	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	110 J	690 J
Bromodichloromethane	50 U	600 U	600 U	1300 U	1300 U	1300 U	1300 U	1300 U	57 U	350 U
Bromoform	54 U	650 U	650 U	1400 U	1400 U	1400 U	1400 U	1400 U	62 U	370 U
Bromomethane	120 U	1400 U	1400 U	3000 U	3000 U	3000 U	3000 U	3000 U	140 U	830 U
Carbon disulfide	4 U	53 U	110 U	110 U	110 U	110 U	110 U	110 U	5 U	31 U
Carbon tetrachloride	70 U	840 U	1800 U	1800 U	1800 U	1800 U	1800 U	1800 U	80 U	490 U
Chlorobenzene	4400	16000	16000	110000	110000	110000	110000	110000	960	2700 J
Chloroethane	82 U	980 U	980 U	2100 U	2100 U	2100 U	2100 U	2100 U	93 U	560 U
Chloroform	170 U	2000 U	2000 U	4200 U	4200 U	4200 U	4200 U	4200 U	190 U	1100 U
Chloromethane	77 U	920 U	920 U	2000 U	2000 U	2000 U	2000 U	2000 U	88 U	530 U
Dibromochloromethane	51 U	600 U	600 U	1300 U	1300 U	1300 U	1300 U	1300 U	57 U	350 U
Ethylbenzene	260 J	1000 U	1000 U	7500 J	7500 J	7500 J	7500 J	7500 J	98 U	590 U
Methylene chloride	140 U	1700 U	1700 U	3600 U	3600 U	3600 U	3600 U	3600 U	160 U	990 U
Styrene	87 U	1000 U	1000 U	2200 U	2200 U	2200 U	2200 U	2200 U	99 U	600 U
Tetrachloroethene	110 U	1400 U	1400 U	2900 U	2900 U	2900 U	2900 U	2900 U	130 U	780 U
Toluene	630	2200 J	2200 J	2500 U	2500 U	2500 U	2500 U	2500 U	230 J	690 U
Trichloroethene	36 U	430 U	430 U	900 U	900 U	900 U	900 U	900 U	41 U	250 U
Vinyl acetate	220 U	2600 U	2600 U	5600 U	5600 U	5600 U	5600 U	5600 U	250 U	1500 U
Vinyl chloride	120 U	1400 U	1400 U	3000 U	3000 U	3000 U	3000 U	3000 U	140 U	830 U
Xylene (total)	1200	7600	7600	41000	41000	41000	41000	41000	360 J	2000 U

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-PTI-2-5 WC-PTI-2-6 WC-PTI-2-7 WC-SOIL/GCS-P1 WC-SOIL/GCS-P2 WC-ST1-2-1C						
Parameter	Sample Date:			07/08/03	07/08/03	11/18/02
(Concentrations in µg/kg)	12/20/02	12/20/02	12/20/02			DIL
1,1,1-Trichloroethane	170 U	170 U	840 U	0.5 U	0.5 U	380 U
1,1,2,2-Tetrachloroethane	240 U	250 U	1200 U	0.9 U	0.9 U	530 U
1,1,2-Trichloroethane	110 U	120 U	560 U	0.5 U	0.5 U	250 U
1,1-Dichloroethane	160 U	170 U	810 U	0.5 U	0.5 U	360 U
1,1-Dichloroethene	91 U	94 U	460 U	0.5 U	0.5 U	210 U
1,2,4-Trichlorobenzene	21000	33000	18000	NA	NA	NA
1,2-Dichlorobenzene	38000	47000	110000	NA	NA	NA
1,2-Dichloroethane	360 U	370 U	1800 U	0.4 U	0.4 U	810 U
1,2-Dichloroethene (total)	190 U	200 U	980 U	0.5 U	0.5 U	440 U
1,2-Dichloropropane	81 U	84 U	410 U	0.4 U	0.4 U	180 U
1,3-Dichlorobenzene	230 U	240 U	1200 U	NA	NA	NA
1,3-Dichloropropene, cis-	110 U	110 U	550 U	0.4 U	0.4 U	250 U
1,3-Dichloropropene, trans-	110 U	110 U	530 U	0.4 U	0.4 U	240 U
1,4-Dichlorobenzene	4800	5400	14000	NA	NA	NA
2-Butanone	510 U	530 U	2600 U	3 U	3 U	1200 U
2-Hexanone	480 U	500 U	2400 U	4 U	4 U	1100 U
4-Methyl-2-pentanone	570 U	600 U	2900 U	3 U	3 U	1300 U
Acetone	3300 U	3500 U	17000 U	5 U	5 U	7600 U
Benzene	1600	970 J	880 J	2 J	0.8 J	2900 J
Bromodichloromethane	120 U	120 U	600 U	0.5 U	0.5 U	270 U
Bromoform	130 U	130 U	650 U	0.6 U	0.6 U	290 U
Bromomethane	280 U	300 U	1400 U	3 U	3 U	650 U
Carbon disulfide	11 U	11 U	53 U	0.2 U	0.2 U	24 U
Carbon tetrachloride	170 U	170 U	840 U	0.4 U	0.4 U	380 U
Chlorobenzene	8800	13000	1100 U	11	2 J	29000
Chloroethane	190 U	200 U	980 U	0.7 U	0.7 U	440 U
Chloroform	390 U	410 U	2000 U	0.6 U	0.6 U	890 U
Chloromethane	180 U	190 U	920 U	0.8 U	0.8 U	420 U
Dibromochloromethane	120 U	120 U	600 U	0.4 U	0.4 U	270 U
Ethylbenzene	200 U	250 J	1000 U	0.4 U	0.4 U	940 J
Methylene chloride	340 U	350 U	1700 U	9B	6	770 U
Styrene	210 U	210 U	1000 U	0.5 U	0.5 U	470 U
Tetrachloroethene	270 U	280 U	1400 U	0.4 U	0.4 U	610 U
Toluene	250 J	440 J	1200 U	1 J	1 J	3100 J
Trichloroethene	85 U	88 U	430 U	0.5 U	0.5 U	190 U
Vinyl acetate	520 U	550 U	2600 U	3 U	3 U	1200 U
Vinyl chloride	280 U	300 U	1400 U	0.4 U	0.4 U	650 U
Xylene (total)	700 U	1200 J	3500 U	1 U	1 U	5800

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B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-ST1-2-2C WC-ST1-2-3C WC-ST1-2-4C WC-SVESP-1 WE-AREAL-2-17A WE-AREAL-2-17B			
	11/18/02	11/18/02	11/18/02	01/22/03
	DIL		DIL	DIL
1,1,1-Trichloroethane	380 U	84 U	68 U	4300 U
1,1,2,2-Tetrachloroethane	540 U	120 U	97 U	6200 U
1,1,2-Trichloroethane	260 U	56 U	46 U	2900 U
1,1-Dichloroethane	370 U	81 U	66 U	4200 U
1,1-Dichloroethene	210 U	46 U	37 U	2400 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA
1,2-Dichloroethane	830 U	180 U	620	9400 U
1,2-Dichloroethene (total)	450 U	98 U	80 U	5100 U
1,2-Dichloropropane	190 U	41 U	33 U	2100 U
1,3-Dichlorobenzene	NA	NA	NA	NA
1,3-Dichloropropene, cis-	250 U	55 U	45 U	2900 U
1,3-Dichloropropene, trans-	240 U	53 U	43 U	2800 U
1,4-Dichlorobenzene	NA	NA	NA	NA
2-Butanone	1200 U	260 U	210 U	13000 U
2-Hexanone	1100 U	240 U	200 U	13000 U
4-Methyl-2-pentanone	1300 U	290 U	240 U	15000 U
Acetone	7700 U	1700 UM	2400	88000 U
Benzene	3700	2300	1100	3200 U
Bromodichloromethane	280 U	60 U	49 U	3100 U
Bromoform	300 U	65 U	53 U	3400 U
Bromomethane	660 U	140 U	120 U	7500 U
Carbon disulfide	24 U	5 U	4 U	280 U
Carbon tetrachloride	380 U	84 U	69 U	4400 U
Chlorobenzene	1700 J	4200	12000	780000
Chloroethane	450 U	98 U	80 U	5100 U
Chloroform	910 U	200 U	160 U	10000 U
Chloromethane	420 U	92 U	75 U	4800 U
Dibromochloromethane	280 U	60 U	49 U	3100 U
Ethylbenzene	470 U	100 U	940	5300 U
Methylene chloride	780 U	170 U	140 U	8900 U
Styrene	480 U	100 U	85 U	5400 U
Tetrachloroethene	620 U	140 U	110 U	7000 U
Toluene	550 U	140 J	1900	6200 JH
Trichloroethene	550 J	43 U	35 U	2200 U
Vinyl acetate	1200 U	260 U	220 U	14000 U
Vinyl chloride	660 U	140 U	120 U	7500 U
Xylene (total)	7800	750	4800	18000 U

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 5. Summary of Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WE-AREA1-2-17C WE-AREA1-2-17D WE-AREA1-2-17E		
	Sample Date: 01/22/03 01/22/03 01/22/03		
	DIL	DIL	DIL
1,1,1-Trichloroethane	1800 U	2100 U	210 U
1,1,1,2-Tetrachloroethane	2600 U	3000 U	300 U
1,1,1,2-Trichloroethane	1200 U	1400 U	140 U
1,1-Dichloroethane	1800 U	2000 U	210 U
1,1-Dichloroethene	990 U	1100 U	120 U
1,2,4-Trichlorobenzene	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA
1,2-Dichloroethane	3900 U	4500 U	460 U
1,2-Dichloroethene (total)	2100 U	2400 U	250 U
1,2-Dichloropropane	880 U	1000 U	100 U
1,3-Dichlorobenzene	NA	NA	NA
1,3-Dichloropropene, cis-	1200 U	1400 U	140 U
1,3-Dichloropropene, trans-	1200 U	1300 U	140 U
1,4-Dichlorobenzene	NA	NA	NA
2-Butanone	5600 U	6500 U	660 U
2-Hexanone	5300 U	6100 U	620 U
4-Methyl-2-pentanone	6300 U	7200 U	740 U
Acetone	37000 U	42000 U	4300 U
Benzene	25000	78000	3300
Bromodichloromethane	1300 U	1500 U	150 U
Bromoform	1400 U	1600 U	170 U
Bromomethane	3100 U	3600 U	370 U
Carbon disulfide	120 U	130 U	14 U
Carbon tetrachloride	1800 U	2100 U	210 U
Chlorobenzene	300000	360000	49000
Chloroethane	2100 U	2400 U	250 U
Chloroform	4300 U	4900 U	510 U
Chloromethane	2000 U	2300 U	240 U
Dibromochloromethane	1300 U	1500 U	150 U
Ethylbenzene	2200 U	2600 U	1500 J
Methylene chloride	3700 U	4300 U	440 U
Styrene	2300 U	2600 U	270 U
Tetrachloroethene	2900 U	3400 U	350 U
Toluene	2600 U	3000 U	13000
Trichloroethene	930 U	1100 U	110 U
Vinyl acetate	5700 U	6600 U	670 U
Vinyl chloride	3100 U	3600 U	370 U
Xylene (total)	10000 J	8900 J	17000

A - Concentration exceeds the instrument calibration range or below reporting limit

B - Analyte detected in laboratory blank

H - Alternate Peak Selection upon analytical review

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 6. Summary of TCLP Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-1-14 WC-AREA1-2-18 WC-BLDG84-SOIL-1 WC-BLDG84-SOIL-2			
	Sample Date: 01/21/03	11/18/02	08/05/03	DIL
1,1-Dichloroethene	3 U	NA	0.8 U	8 U
1,2-Dichloroethane	2 U	NA	0.3 U	3 U
2-Butanone	2 U	NA	1 U	11 U
Benzene	5 J	320	0.9 J	26 J
Carbon tetrachloride	1 U	NA	0.3 U	3 U
Chlorobenzene	7 J	NA	17	1300
Chloroform	1 U	NA	0.4 U	4 U
Tetrachloroethene	2 U	NA	0.4 U	4 U
Trichloroethene	4 U	NA	0.7 UT	7 U
Vinyl chloride	2 U	NA	1 U	10 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 6. Summary of TCLP Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-BLDG87-SOIL-1 WC-BLDG87-SOIL-2 WC-BLDG93-SOIL-2 WC-BLDG93-SOIL-3				
Parameter	Sample Date:	12/02/03	12/29/03	08/19/03
(Concentrations in µg/L)			DIL	09/17/03
1,1-Dichloroethene	8 U	2 U	0.8 U	0.8 U
1,2-Dichloroethane	3 U	0.6 U	0.3 U	0.3 U
2-Butanone	11 U	2 U	1 U	1 U
Benzene	8 J	7 J	0.4 U	1 J
Carbon tetrachloride	3 U	0.6 U	0.3 U	0.3 U
Chlorobenzene	780	360	8	27 B
Chloroform	4 U	0.8 U	0.4 U	0.4 U
Tetrachloroethene	4 U	0.8 U	1 J	0.4 U
Trichloroethene	7 U	1 U	0.7 U	0.7 UT
Vinyl chloride	10 U	2 U	1 U	1 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 6. Summary of TCLP Volatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-BLDG93-SOIL-4 WC-GCS4-2-1 WC-GCS4-2-2 WC-GCS6-2-1			
	Sample Date:	10/28/03	01/21/03	01/16/03 09/23/02
1,1-Dichloroethene	0.8 U	NA	NA	NA
1,2-Dichloroethane	0.3 U	NA	NA	0.3 U
2-Butanone	5 J	NA	NA	NA
Benzene	34	130	30	NA
Carbon tetrachloride	0.3 U	NA	NA	NA
Chlorobenzene	11	NA	NA	NA
Chloroform	0.4 U	NA	NA	NA
Tetrachloroethene	0.4 U	NA	NA	NA
Trichloroethene	0.7 U	NA	NA	NA
Vinyl chloride	1 U	NA	NA	NA

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation:			
	REN-4C-01	REN-4C-02	REN-4C-03	REN-SW-02
Sample Date:	04/29/05	04/29/05	05/04/05	05/04/05
REN-SW-03				05/04/05
1,2,4-Trichlorobenzene	1900 U	2000 U	1100 U	1100 U
1,2-Dichlorobenzene	1900 U	2000 U	1100 U	1100 U
1,3-Dichlorobenzene	1900 U	2000 U	1100 U	1100 U
1,4-Dichlorobenzene	1900 U	2000 U	1100 U	1100 U
2,4,5-Trichlorophenol	1900 U	2000 U	1100 U	1100 U
2,4-Dinitrotoluene	1900 U	2000 U	1100 U	1100 U
2,6-Dinitrotoluene	1900 U	2000 U	1100 U	1100 U
2-Chloronaphthalene	1900 U	2000 U	1100 U	1100 U
2-Methylnaphthalene	4700 U	5000 U	2800 U	2700 U
2-Nitroaniline	1900 U	2000 U	1100 U	1100 U
3-Nitroaniline	1900 U	2000 U	1100 U	1100 U
4-Bromodiphenyl ether	1900 U	2000 U	1100 U	1100 U
4-Chlorophenyl phenyl ether	1900 U	2000 U	1100 U	1100 U
4-Nitroaniline	1900 U	2000 U	1100 U	1100 U
4-Nitrophenol	1900 U	2000 U	2800 U	2700 U
Acenaphthene	1900 U	2000 U	1100 U	1100 U
Acenaphthylene	1900 U	2000 U	1100 U	1100 U
Anthracene	210 J	2000 U	1100 U	1100 U
Benzo[a]anthracene	1900 U	2000 U	1100 U	180 J
Benzo[a]pyrene	310 J	2000 U	1100 U	140 J
Benzo[b]fluoranthene	1900 U	210 J	1100 U	200 J
Benzo[g,h,i]perylene	1900 U	2000 U	1100 U	1100 U
Benzo[k]fluoranthene	1900 U	2000 U	1100 U	1100 U
Bis(2-chloroethoxy)methane	1900 U	2000 U	1100 U	1100 U
Bis(2-chloroethyl)ether	1900 U	2000 U	1100 U	1100 U
Bis(2-ethylhexyl)phthalate	1900 U	2000 U	1100 U	1100 U
Butylbenzyl phthalate	1900 U	2000 U	1100 U	180 J
Chrysene	1900 U	2000 U	1100 U	1100 U
Dibenzo[a,h]anthracene	1900 U	2000 U	1100 U	150 J
Dibenzofuran	430 J	2000 U	1100 U	1100 U
Diethyl phthalate	1900 U	2000 U	1100 U	1100 U
Dimethyl phthalate	1900 U	2000 U	1100 U	1100 U
Di-n-butyl phthalate	1900 U	2000 U	1100 U	1100 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: Sample Date:		REN-4C-01 04/29/05	REN-4C-02 04/29/05	REN-4C-03 05/04/05	REN-SW-02 05/04/05	REN-SW-03 05/04/05
Di-n-octyl phthalate	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Di-n-propylnitrosamine	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1900 U	230 J	1100 U	1100 U	130 J	260 J	260 J
Fluorene	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Hexachlorobenzene	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Hexachlorobutadiene	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Hexachlorocyclopentadiene	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Hexachloroethane	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Indeno[1,2,3-cd]pyrene	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Isophorone	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
n-Nitroso-di-n-propylamine	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Naphthalene	4700 U	5000 U	2800 U	2800 U	2700 U	2700 U	2700 U
Nitrobenzene	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
N-Nitrosodiphenylamine	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Pentachlorophenol	4700 U	5000 U	2800 U	2800 U	2700 U	2700 U	2700 U
Phenanthrene	1900 U	260 J	1100 U	1100 U	1100 U	1100 U	1100 U
Phenol	1900 U	2000 U	1100 U	1100 U	1100 U	1100 U	1100 U
Pyrene	210 J	300 J	1100 U	1100 U	130 J	230 J	230 J

A - Concentration exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-1 WC-AREA1-1-2 WC-AREA1-1-3 WC-AREA1-1-4A WC-AREA1-1-4B				
	Sample Date: 08/22/02	09/11/02	09/11/02	09/11/02	09/11/02
1,2,4-Trichlorobenzene	210 J	410 J	2700 JM	2000 J	31000 M
1,2-Dichlorobenzene	440	980 J	4500 JM	3200 J	32000
1,3-Dichlorobenzene	160 J	88 U	4100 J	390 JM	1100 JM
1,4-Dichlorobenzene	100 J	460 J	1400 J	1400 J	3500 J
2,4,5-Trichlorophenol	10 U	55 U	550 U	140 U	240 U
2,4-Dinitrotoluene	20 U	100 U	1000 U	260 U	450 U
2,6-Dinitrotoluene	15 U	77 U	770 U	190 U	330 U
2-Chloronaphthalene	80 J	100 U	1000 U	260 U	20000
2-Methylnaphthalene	29 J	330 J	1500 U	430 J	670 U
2-Nitroaniline	23 U	120 U	1200 U	310 U	520 U
3-Nitroaniline	310 J	150 J	990 U	3500 J	430 U
4-Bromodiphenyl ether	14 U	72 U	720 U	180 U	310 U
4-Chlorophenyl phenyl ether	17 U	88 U	880 U	220 U	380 U
4-Nitroaniline	130 J	920 J	10000 J	11000	570 U
4-Nitrophenol	88 U	470 U	4700 U	1200 U	2000 U
Acenaphthene	16 U	83 U	830 U	210 U	360 U
Acenaphthylene	11 U	81 JM	610 U	150 U	260 U
Anthracene	18 JH	180 J	780 JM	340 J	290 U
Benzo[a]anthracene	150 J	600 J	830 U	210 U	360 U
Benzo[a]pyrene	170 JH	460 J	880 U	220 U	380 U
Benzo[b]fluoranthene	170 J	710 JM	2100 U	530 U	900 U
Benzo[g,h,i]perylene	50 JM	400 J	940 U	240 U	400 U
Benzo[k]fluoranthene	170 JH	340 J	2100 U	540 U	930 U
Bis(2-chloroethoxy)methane	15 U	77 U	770 U	190 U	330 U
Bis(2-chloroethyl)ether	110 U	570 U	5700 U	1400 U	2500 U
Bis(2-ethylhexyl)phthalate	37 U	200 U	2000 U	7200	860 U
Butylbenzyl phthalate	14 U	72 U	720 U	230 J	310 U
Chrysene	220 JH	610 J	940 U	240 U	400 U
Dibenzo[a,h]anthracene	19 U	180 JM	990 U	250 U	430 U
Dibenzofuran	16 U	86 J	830 U	210 U	360 U
Diethyl phthalate	18 U	94 U	940 U	240 U	400 U
Dimethyl phthalate	16 U	83 U	830 U	210 U	360 U
Di-n-butyl phthalate	15 U	77 U	770 U	230 JM	330 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-1 WC-AREA1-1-2 WC-AREA1-1-3 WC-AREA1-1-4A WC-AREA1-1-4B				
	Sample Date: 08/22/02 09/11/02 09/11/02 09/11/02 09/11/02				
Di-n-octyl phthalate	12 U	66 U	660 U	170 U	290 U
Di-n-propylnitrosamine	15 U	77 U	770 U	190 U	330 U
Fluoranthene	76 J	990 J	1200 U	310 U	520 U
Fluorene	21 U	110 U	1100 U	280 U	480 U
Hexachlorobenzene	20 U	100 U	1000 U	260 U	450 U
Hexachlorobutadiene	34 U	180 U	1800 U	460 U	790 U
Hexachlorocyclopentadiene	47 U	250 U	2500 U	630 U	1100 U
Hexachloroethane	22 U	120 U	1200 U	290 U	500 U
Indeno[1,2,3-cd]pyrene	52 JH	330 J	990 U	250 U	430 U
Isophorone	24 U	130 U	1300 U	320 U	550 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA
Naphthalene	33 U	180 U	1800 U	450 U	3500 J
Nitrobenzene	130 J	140 U	1400 U	1500 J	600 U
N-Nitrosodiphenylamine	59 J	1400 J	14000 J	15000	4700 J
Pentachlorophenol	45 U	240 U	2400 U	600 U	1000 U
Phenanthrene	77 J	710 J	1300 U	330 U	570 U
Phenol	170 J	150 J	1500 J	330 U	3500 J
Pyrene	270 J	990 J	1000 U	310 J	650 J

A - Concentration exceeds the instrument calibration range

or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-5 WC-AREA1-1-5A WC-AREA1-1-5B WC-AREA1-1-5C WC-AREA1-1-5D				
	Sample Date:	09/11/02	01/23/03	01/23/03	01/23/03
1,2,4-Trichlorobenzene	74000	6600	30000 A	5900	2300
1,2-Dichlorobenzene	4900 J	14000	8900	750 J	330 J
1,3-Dichlorobenzene	760 J	1800	2900	1300	600 J
1,4-Dichlorobenzene	2000 J	4200	5700	940	510 J
2,4,5-Trichlorophenol	440 U	NA	NA	NA	NA
2,4-Dinitrotoluene	2400 J	NA	NA	NA	NA
2,6-Dinitrotoluene	620 U	NA	NA	NA	NA
2-Chloronaphthalene	840 U	NA	NA	NA	NA
2-Methylnaphthalene	1500 J	NA	NA	NA	NA
2-Nitroaniline	970 U	NA	NA	NA	NA
3-Nitroaniline	4800 J	NA	NA	NA	NA
4-Bromodiphenyl ether	580 U	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	710 U	NA	NA	NA	NA
4-Nitroaniline	6600 J	NA	NA	NA	NA
4-Nitrophenol	3800 U	NA	NA	NA	NA
Acenaphthene	660 U	NA	NA	NA	NA
Acenaphthylene	490 U	NA	NA	NA	NA
Anthracene	1800 J	NA	NA	NA	NA
Benzo[a]anthracene	660 U	NA	NA	NA	NA
Benzo[a]pyrene	710 U	NA	NA	NA	NA
Benzo[b]fluoranthene	1700 U	NA	NA	NA	NA
Benzo[g,h,i]perylene	750 U	NA	NA	NA	NA
Benzo[k]fluoranthene	1700 U	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	620 U	NA	NA	NA	NA
Bis(2-chloroethyl)ether	4600 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	1600 U	NA	NA	NA	NA
Butylbenzyl phthalate	580 U	NA	NA	NA	NA
Chrysene	750 U	NA	NA	NA	NA
Dibenzo[a,h]anthracene	800 U	NA	NA	NA	NA
Dibenzofuran	660 U	NA	NA	NA	NA
Diethyl phthalate	750 U	NA	NA	NA	NA
Dimethyl phthalate	660 U	NA	NA	NA	NA
Di-n-butyl phthalate	620 U	NA	NA	NA	NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-5 WC-AREA1-1-5A WC-AREA1-1-5B WC-AREA1-1-5C WC-AREA1-1-5D				
	Sample Date: 09/11/02	01/23/03	01/23/03	01/23/03	01/23/03
Di-n-octyl phthalate	530 U	NA	NA	NA	NA
Di-n-propylnitrosamine	620 U	NA	NA	NA	NA
Fluoranthene	970 U	NA	NA	NA	NA
Fluorene	890 U	NA	NA	NA	NA
Hexachlorobenzene	840 U	NA	NA	NA	NA
Hexachlorobutadiene	1500 U	NA	NA	NA	NA
Hexachlorocyclopentadiene	2000 U	NA	NA	NA	NA
Hexachloroethane	930 U	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	800 U	NA	NA	NA	NA
Isophorone	1000 U	NA	NA	NA	NA
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA
Naphthalene	1400 U	NA	NA	NA	NA
Nitrobenzene	1100 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	10000 J	NA	NA	NA	NA
Pentachlorophenol	1900 U	NA	NA	NA	NA
Phenanthrene	1100 U	NA	NA	NA	NA
Phenol	1100 U	NA	NA	NA	NA
Pyrene	840 U	NA	NA	NA	NA

- A - Concentration exceeds the instrument calibration range
or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-5E WC-AREA1-1-5F WC-AREA1-1-6A WC-AREA1-1-6B WC-AREA1-1-7					
	Sample Date: 01/23/03		01/23/03		09/11/02	
	DIL	DIL				
Di-n-octyl phthalate	NA	NA	570 U	150 U	1100 U	
Di-n-propylnitrosamine	NA	NA	660 U	170 U	1300 U	
Fluoranthene	NA	NA	2500 J	740 J	130000	
Fluorene	NA	NA	940 U	250 U	15000 J	
Hexachlorobenzene	NA	NA	900 U	230 U	1700 U	
Hexachlorobutadiene	NA	NA	1600 U	410 U	3000 U	
Hexachlorocyclopentadiene	NA	NA	2100 U	550 U	4100 U	
Hexachloroethane	NA	NA	990 U	260 U	1900 U	
Indeno[1,2,3-cd]pyrene	NA	NA	850 U	220 U	24000 J	
Isophorone	NA	NA	1100 U	280 U	2100 U	
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	
Naphthalene	NA	NA	1500 U	390 U	9500 J	
Nitrobenzene	NA	NA	63000 M	8600	2300 U	
N-Nitrosodiphenylamine	NA	NA	760 U	400 J	6200 J	
Pentachlorophenol	NA	NA	2000 U	530 U	3900 U	
Phenanthrene	NA	NA	2100 J	630 JM	140000	
Phenol	NA	NA	1100 U	290 U	2200 U	
Pyrene	NA	NA	2100 J	740 J	120000	

A - Concentration exceeds the instrument calibration range
or below the reporting limit
B - Analyte detected in laboratory blank
H - Alternate peak selection upon analytical review
J - Estimated value
M - Manually integrated compound
U - Indicates that the compound was analyzed for but not detected
NA - Not analyzed
µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in $\mu\text{g/kg}$)	Sample Designation: WC-AREA1-1-7A WC-AREA1-1-7B WC-AREA1-1-7C WC-AREA1-1-8 WC-AREA1-1-8A					
	Sample Date: 10/08/02		10/08/02	10/08/02	09/11/02	10/08/02
1,2,4-Trichlorobenzene	650 U	730 J	3500 J	9300 J	4500 M	
1,2-Dichlorobenzene	470 U	200 JM	490 JM	200000	120 U	
1,3-Dichlorobenzene	420 U	110 U	360 JM	38000	1400 J	
1,4-Dichlorobenzene	490 U	350 J	10000	39000	1600 JM	
2,4,5-Trichlorophenol	260 U	70 U	170 U	1000 U	68 U	
2,4-Dinitrotoluene	490 U	130 U	330 U	2000 U	3300	
2,6-Dinitrotoluene	360 U	97 U	240 U	1500 U	95 U	
2-Chloronaphthalene	490 U	130 U	330 U	2000 U	130 U	
2-Methylnaphthalene	730 U	190 U	2200 J	2900 U	620 J	
2-Nitroaniline	570 U	150 U	380 U	2300 U	150 U	
3-Nitroaniline	1700 J	360 J	310 U	1900 U	3000 J	
4-Bromodiphenyl ether	340 U	90 U	220 U	1400 U	88 U	
4-Chlorophenyl phenyl ether	420 U	110 U	280 U	1700 U	110 U	
4-Nitroaniline	29000	13000	410 U	170000	4200 JM	
4-Nitrophenol	2200 U	920 J	1500 U	8900 U	580 U	
Acenaphthene	390 U	100 U	2600 J	1600 U	100 U	
Acenaphthylene	290 U	76 U	630 J	1200 U	75 U	
Anthracene	330 JM	83 UM	7200	1300 U	210 J	
Benzo[a]anthracene	750 J	100 U	11000	1600 U	320 J	
Benzo[a]pyrene	570 J	130 J	11000	1700 U	140 J	
Benzo[b]fluoranthene	990 UM	260 UM	8300 M	4000 U	260 UM	
Benzo[g,h,i]perylene	440 UM	120 U	2800 J	1800 U	120 UM	
Benzo[k]fluoranthene	1000 UM	270 UM	12000 M	4100 U	260 UM	
Bis(2-chloroethoxy)methane	360 U	97 U	240 U	1500 U	95 U	
Bis(2-chloroethyl)ether	2700 U	720 U	1800 U	11000 U	700 U	
Bis(2-ethylhexyl)phthalate	930 U	250 U	620 U	3800 U	240 U	
Butylbenzyl phthalate	340 U	90 U	220 U	1400 U	88 U	
Chrysene	630 J	120 U	12000	1800 U	220 J	
Dibenzo[a,h]anthracene	470 U	130 U	1800 J	1900 U	120 U	
Dibenzofuran	390 U	100 U	2500 J	1600 U	100 U	
Diethyl phthalate	440 U	120 U	290 U	1800 U	120 U	
Dimethyl phthalate	390 U	100 U	260 U	1600 U	100 U	
Di-n-butyl phthalate	360 U	97 U	240 U	1500 U	95 U	

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG84-SOIL-1A WC-BLDG84-SOIL-1B WC-BLDG84-SOIL-2 WC-BLDG87-SOIL-1A					
	Sample Date: 08/05/03		Sample Date: 10/28/03		Sample Date: 12/02/03	
	DIL	DIL	DIL	DIL	DIL	DIL
Di-n-octyl phthalate	NA	1100 U	230 U	NA	NA	NA
Di-n-propylnitrosamine	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	2100 U	740 J	NA	NA	NA
Fluorene	NA	1900 U	390 U	NA	NA	NA
Hexachlorobenzene	NA	1800 U	370 U	NA	NA	NA
Hexachlorobutadiene	NA	3100 U	640 U	NA	NA	NA
Hexachlorocyclopentadiene	NA	4200 U	870 U	NA	NA	NA
Hexachloroethane	NA	2000 U	400 U	NA	NA	NA
Indeno[1,2,3-cd]pyrene	NA	1700 U	350 U	NA	NA	NA
Isophorone	NA	2200 U	440 U	NA	NA	NA
n-Nitroso-di-n-propylamine	NA	1300 U	270 U	NA	NA	NA
Naphthalene	NA	3000 U	620 U	NA	NA	NA
Nitrobenzene	NA	2300 U	480 U	NA	NA	NA
N-Nitrosodiphenylamine	NA	1500 U	16000	NA	NA	NA
Pentachlorophenol	NA	4000 U	830 U	NA	NA	NA
Phenanthrene	NA	2300 U	820 J	NA	NA	NA
Phenol	NA	2900 J	460 U	NA	NA	NA
Pyrene	NA	11000 J	1000 J	NA	NA	NA

- A - Concentration exceeds the instrument calibration range or below the reporting limit
 B - Analyte detected in laboratory blank
 H - Alternate peak selection upon analytical review
 J - Estimated value
 M - Manually integrated compound
 U - Indicates that the compound was analyzed for but not detected
 NA - Not analyzed
 µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG87-SOIL-1C WC-BLDG87-SOIL-2A WC-BLDG87-SOIL-2C WC-BLDG93-PR-1			
	Sample Date: 12/02/03		12/29/03	
	DIL	DIL	DIL	RA
1,2,4-Trichlorobenzene	NA	54000	NA	46
1,2-Dichlorobenzene	NA	3000 J	NA	35
1,3-Dichlorobenzene	NA	530 J	NA	5 J
1,4-Dichlorobenzene	NA	300 J	NA	10
2,4,5-Trichlorophenol	110 U	NA	180 J	NA
2,4-Dinitrotoluene	220 U	NA	310 U	NA
2,6-Dinitrotoluene	160 U	NA	230 U	NA
2-Chloronaphthalene	920 JH	NA	320 J	NA
2-Methylnaphthalene	320 U	NA	960 J	NA
2-Nitroaniline	250 U	NA	360 U	NA
3-Nitroaniline	200 U	NA	300 U	NA
4-Bromodiphenyl ether	150 U	NA	220 U	NA
4-Chlorophenyl phenyl ether	180 U	NA	260 U	NA
4-Nitroaniline	270 U	NA	4700 J	NA
4-Nitrophenol	960 U	NA	1400 U	NA
Acenaphthene	170 U	NA	250 U	NA
Acenaphthylene	120 U	NA	180 U	NA
Anthracene	140 UM	NA	200 U	NA
Benzo[a]anthracene	190 JH	NA	320 J	NA
Benzo[a]pyrene	180 JM	NA	260 U	NA
Benzo[b]fluoranthene	430 UM	NA	630 U	NA
Benzo[g,h,i]perylene	190 U	NA	280 U	NA
Benzo[k]fluoranthene	440 U	NA	650 U	NA
Bis(2-chloroethoxy)methane	160 U	NA	230 U	NA
Bis(2-chloroethyl)ether	1200 U	NA	1700 U	NA
Bis(2-ethylhexyl)phthalate	410 UM	NA	600 U	NA
Butylbenzyl phthalate	150 U	NA	220 U	NA
Chrysene	250 J	NA	280 U	NA
Dibenzo[a,h]anthracene	200 U	NA	300 U	NA
Dibenzofuran	170 U	NA	250 U	NA
Diethyl phthalate	190 U	NA	280 UH	NA
Dimethyl phthalate	350 JM	NA	290 J	NA
Di-n-butyl phthalate	160 U	NA	230 U	NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG87-SOIL-1C WC-BLDG87-SOIL-2A WC-BLDG87-SOIL-2C WC-BLDG93-PR-1			
	Sample Date: 12/02/03	DIL 12/29/03	DIL 12/29/03	RA 07/08/03
Di-n-octyl phthalate	140 U	NA	200 U	NA
Di-n-propylnitrosamine	NA	NA	NA	NA
Fluoranthene	350 J	NA	550 J	NA
Fluorene	230 U	NA	330 U	NA
Hexachlorobenzene	220 U	NA	310 U	NA
Hexachlorobutadiene	370 U	NA	550 U	NA
Hexachlorocyclopentadiene	510 U	NA	740 U	NA
Hexachloroethane	240 U	NA	350 U	NA
Indeno[1,2,3-cd]pyrene	200 U	NA	300 U	NA
Isophorone	260 U	NA	380 U	NA
n-Nitroso-di-n-propylamine	160 U	NA	230 U	NA
Naphthalene	360 U	NA	530 U	NA
Nitrobenzene	890 J	NA	900 J	NA
N-Nitrosodiphenylamine	180 U	NA	300 J	NA
Pentachlorophenol	490 U	NA	710 U	NA
Phenanthrene	270 U	NA	620 J	NA
Phenol	6700	NA	28000 M	NA
Pyrene	620 J	NA	310 U	NA

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or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG93-PR-1 WC-BLDG93-PR-1A WC-BLDG93-PR-1B WC-BLDG93-PR-1B			
	Sample Date: 07/08/03	DIL	RA	07/08/03
1,2,4-Trichlorobenzene	51	NA	66	52
1,2-Dichlorobenzene	54	NA	69	58
1,3-Dichlorobenzene	10	NA	13	10
1,4-Dichlorobenzene	15	NA	22	17
2,4,5-Trichlorophenol	NA	1600 U	NA	NA
2,4-Dinitrotoluene	NA	3000 U	NA	NA
2,6-Dinitrotoluene	NA	2200 U	NA	NA
2-Chloronaphthalene	NA	3000 U	NA	NA
2-Methylnaphthalene	NA	4400 U	NA	NA
2-Nitroaniline	NA	3400 U	NA	NA
3-Nitroaniline	NA	2800 U	NA	NA
4-Bromodiphenyl ether	NA	2000 U	NA	NA
4-Chlorophenyl phenyl ether	NA	2500 U	NA	NA
4-Nitroaniline	NA	45000 J	NA	NA
4-Nitrophenol	NA	13000 U	NA	NA
Acenaphthene	NA	2300 U	NA	NA
Acenaphthylene	NA	1700 U	NA	NA
Anthracene	NA	35000 J	NA	NA
Benzo[a]anthracene	NA	9100 J	NA	NA
Benzo[a]pyrene	NA	7200 J	NA	NA
Benzo[b]fluoranthene	NA	6300 JM	NA	NA
Benzo[g,h,i]perylene	NA	2700 U	NA	NA
Benzo[k]fluoranthene	NA	8200 JM	NA	NA
Bis(2-chloroethoxy)methane	NA	2200 U	NA	NA
Bis(2-chloroethyl)ether	NA	16000 U	NA	NA
Bis(2-ethylhexyl)phthalate	NA	5600 J	NA	NA
Butylbenzyl phthalate	NA	2000 U	NA	NA
Chrysene	NA	8500 J	NA	NA
Dibenzo[a,h]anthracene	NA	2800 U	NA	NA
Dibenzofuran	NA	2300 U	NA	NA
Diethyl phthalate	NA	2700 U	NA	NA
Dimethyl phthalate	NA	2300 U	NA	NA
Di-n-butyl phthalate	NA	4000 J	NA	NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG93-PR-1 WC-BLDG93-PR-1A WC-BLDG93-PR-1B WC-BLDG93-PR-1B			
	Sample Date: 07/08/03		07/08/03	
	DIL	RA	RA	07/08/03
Di-n-octyl phthalate	NA	1900 U	NA	NA
Di-n-propylnitrosamine	NA	NA	NA	NA
Fluoranthene	NA	15000 J	NA	NA
Fluorene	NA	3100 U	NA	NA
Hexachlorobenzene	NA	3000 U	NA	NA
Hexachlorobutadiene	NA	5200 U	NA	NA
Hexachlorocyclopentadiene	NA	7000 U	NA	NA
Hexachloroethane	NA	3300 U	NA	NA
Indeno[1,2,3-cd]pyrene	NA	2800 U	NA	NA
Isophorone	NA	3600 U	NA	NA
n-Nitroso-di-n-propylamine	NA	2200 U	NA	NA
Naphthalene	NA	5000 U	NA	NA
Nitrobenzene	NA	3900 U	NA	NA
N-Nitrosodiphenylamine	NA	10000 J	NA	NA
Pentachlorophenol	NA	6700 U	NA	NA
Phenanthrene	NA	8600 J	NA	NA
Phenol	NA	250000 M	NA	NA
Pyrene	NA	14000 J	NA	NA

- A - Concentration exceeds the instrument calibration range or below the reporting limit
 B - Analyte detected in laboratory blank
 H - Alternate peak selection upon analytical review
 J - Estimated value
 M - Manually integrated compound
 U - Indicates that the compound was analyzed for but not detected
 NA - Not analyzed
 µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in $\mu\text{g/kg}$)	Sample Designation: WC-BLDG93-SOIL-2A WC-BLDG93-SOIL-2C WC-BLDG93-SOIL-3A			
	Sample Date: 08/19/03	RA	Sample Date: 08/19/03	DIL
1,2,4-Trichlorobenzene	17 B	27 B	NA	4 U
1,2-Dichlorobenzene	26	23	NA	6 J
1,3-Dichlorobenzene	3 J	5 J	NA	3 U
1,4-Dichlorobenzene	8	9	NA	4 U
2,4,5-Trichlorophenol	NA	NA	1000 U	NA
2,4-Dinitrotoluene	NA	NA	1900 U	NA
2,6-Dinitrotoluene	NA	NA	1400 U	NA
2-Chloronaphthalene	NA	NA	1900 U	NA
2-Methylnaphthalene	NA	NA	2800 U	NA
2-Nitroaniline	NA	NA	2200 U	NA
3-Nitroaniline	NA	NA	1800 U	NA
4-Bromodiphenyl ether	NA	NA	1300 U	NA
4-Chlorophenyl phenyl ether	NA	NA	1600 U	NA
4-Nitroaniline	NA	NA	4600 J	NA
4-Nitrophenol	NA	NA	8600 U	NA
Acenaphthene	NA	NA	1500 U	NA
Acenaphthylene	NA	NA	1100 U	NA
Anthracene	NA	NA	7700 J	NA
Benzo[a]anthracene	NA	NA	1500 U	NA
Benzo[a]pyrene	NA	NA	1600 U	NA
Benzo[b]fluoranthene	NA	NA	3900 UM	NA
Benzo[g,h,i]perylene	NA	NA	1700 U	NA
Benzo[k]fluoranthene	NA	NA	4000 UM	NA
Bis(2-chloroethoxy)methane	NA	NA	1400 U	NA
Bis(2-chloroethyl)ether	NA	NA	10000 U	NA
Bis(2-ethylhexyl)phthalate	NA	NA	3700 U	NA
Butylbenzyl phthalate	NA	NA	1300 U	NA
Chrysene	NA	NA	1700 U	NA
Dibenzo[a,h]anthracene	NA	NA	1800 U	NA
Dibenzofuran	NA	NA	1500 U	NA
Diethyl phthalate	NA	NA	1700 U	NA
Dimethyl phthalate	NA	NA	1500 U	NA
Di-n-butyl phthalate	NA	NA	1400 U	NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG93-SOIL-2A WC-BLDG93-SOIL-2C WC-BLDG93-SOIL-3A					
	Sample Date: 08/19/03		08/19/03		08/19/03	
	RA		DIL		DIL	
Di-n-octyl phthalate	NA	NA	1200 U	NA	NA	NA
Di-n-propylnitrosamine	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	NA	2200 U	NA	NA	NA
Fluorene	NA	NA	2000 U	NA	NA	NA
Hexachlorobenzene	NA	NA	1900 U	NA	NA	NA
Hexachlorobutadiene	NA	NA	3400 U	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	4600 U	NA	NA	NA
Hexachloroethane	NA	NA	2100 U	NA	NA	NA
Indeno[1,2,3-cd]pyrene	NA	NA	1800 U	NA	NA	NA
Isophorone	NA	NA	2300 U	NA	NA	NA
n-Nitroso-di-n-propylamine	NA	NA	1400 U	NA	NA	NA
Naphthalene	NA	NA	3300 U	NA	NA	NA
Nitrobenzene	NA	NA	2500 U	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	11000 J	NA	NA	NA
Pentachlorophenol	NA	NA	4400 U	NA	NA	NA
Phenanthrene	NA	NA	2400 U	NA	NA	NA
Phenol	NA	NA	180000 M	NA	NA	NA
Pyrene	NA	NA	1900 U	NA	NA	NA

- A - Concentration exceeds the instrument calibration range
or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG93-SOIL-3A WC-BLDG93-SOIL-3C WC-BLDG93-SOIL-4 WC-BLDG93-SOIL-4			
	Sample Date:			
	09/17/03	DIL	10/28/03	RA
1,2,4-Trichlorobenzene	4 J	NA	NA	71
1,2-Dichlorobenzene	12	NA	NA	8
1,3-Dichlorobenzene	0.8 J	NA	NA	6
1,4-Dichlorobenzene	4 J	NA	NA	21
2,4,5-Trichlorophenol	NA	100 U	210 U	NA
2,4-Dinitrotoluene	NA	190 U	400 U	NA
2,6-Dinitrotoluene	NA	140 U	290 U	NA
2-Chloronaphthalene	NA	190 U	400 U	NA
2-Methylnaphthalene	NA	280 U	950 J	NA
2-Nitroaniline	NA	220 U	460 U	NA
3-Nitroaniline	NA	420 J	2300 J	NA
4-Bromodiphenyl ether	NA	130 U	270 U	NA
4-Chlorophenyl phenyl ether	NA	160 U	330 U	NA
4-Nitroaniline	NA	2100 J	30000	NA
4-Nitrophenol	NA	860 U	1800 U	NA
Acenaphthene	NA	180 JM	310 U	NA
Acenaphthylene	NA	110 U	230 U	NA
Anthracene	NA	7700	680 J	NA
Benzo[a]anthracene	NA	540 JM	350 JH	NA
Benzo[a]pyrene	NA	440 J	330 U	NA
Benzo[b]fluoranthene	NA	460 J	800 UM	NA
Benzo[g,h,i]perylene	NA	170 U	360 U	NA
Benzo[k]fluoranthene	NA	460 J	820 UM	NA
Bis(2-chloroethoxy)methane	NA	140 U	290 U	NA
Bis(2-chloroethyl)ether	NA	1000 U	2200 U	NA
Bis(2-ethylhexyl)phthalate	NA	360 U	750 U	NA
Butylbenzyl phthalate	NA	130 U	270 U	NA
Chrysene	NA	490 JM	440 J	NA
Dibenzo[a,h]anthracene	NA	180 UM	380 U	NA
Dibenzofuran	NA	160 J	310 U	NA
Diethyl phthalate	NA	170 U	360 U	NA
Dimethyl phthalate	NA	150 U	310 U	NA
Di-n-butyl phthalate	NA	140 U	290 U	NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG93-SOIL-3A WC-BLDG93-SOIL-3C WC-BLDG93-SOIL-4 WC-BLDG93-SOIL-4			
	Sample Date: 09/17/03		10/28/03	
	DIL	DIL	DIL	RA
Di-n-octyl phthalate	NA	120 U	250 U	NA
Di-n-propylnitrosamine	NA	NA	NA	NA
Fluoranthene	NA	1200 JM	570 J	NA
Fluorene	NA	220 JM	420 U	NA
Hexachlorobenzene	NA	190 U	400 U	NA
Hexachlorobutadiene	NA	330 U	690 U	NA
Hexachlorocyclopentadiene	NA	460 U	940 U	NA
Hexachloroethane	NA	210 U	440 U	NA
Indeno[1,2,3-cd]pyrene	NA	180 U	380 U	NA
Isophorone	NA	230 U	480 U	NA
n-Nitroso-di-n-propylamine	NA	140 U	290 U	NA
Naphthalene	NA	440 J	670 U	NA
Nitrobenzene	NA	250 U	1000 J	NA
N-Nitrosodiphenylamine	NA	4400	12000	NA
Pentachlorophenol	NA	440 U	900 U	NA
Phenanthrene	NA	870 J	630 JH	NA
Phenol	NA	7100 H	840 JH	NA
Pyrene	NA	1300 JM	860 J	NA

A - Concentration exceeds the instrument calibration range
or below the reporting limit
B - Analyte detected in laboratory blank
H - Alternate peak selection upon analytical review
J - Estimated value
M - Manually integrated compound
U - Indicates that the compound was analyzed for but not detected
NA - Not analyzed
µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG93-SOIL-4 WC-GCS3-1-1 WC-GCS3-1-1 WC-GCS4-2-1 WC-GCS4-2-2					
	Sample Date:		10/28/03	12/30/02	11/21/02	12/30/02
						DIL
1,2,4-Trichlorobenzene	34	NA	550 U	NA	NA	NA
1,2-Dichlorobenzene	6 J	NA	130 J	NA	NA	NA
1,3-Dichlorobenzene	3 J	NA	93 U	NA	NA	NA
1,4-Dichlorobenzene	16	NA	110 U	NA	NA	NA
2,4,5-Trichlorophenol	NA	11 U	11 U	50 U	46 U	
2,4-Dinitrotoluene	NA	21 U	21 U	95 U	88 U	
2,6-Dinitrotoluene	NA	15 U	15 U	70 U	65 U	
2-Chloronaphthalene	NA	21 U	21 U	840 J	88 U	
2-Methylnaphthalene	NA	30 U	30 U	140 U	130 U	
2-Nitroaniline	NA	24 U	24 U	110 U	100 U	
3-Nitroaniline	NA	20 U	20 U	140 J	83 U	
4-Bromodiphenyl ether	NA	14 U	14 U	65 U	60 U	
4-Chlorophenyl phenyl ether	NA	17 U	17 U	80 U	74 U	
4-Nitroaniline	NA	26 U	26 U	380 J	610 J	
4-Nitrophenol	NA	92 U	92 U	430 U	390 U	
Acenaphthene	NA	16 U	16 U	75 U	69 U	
Acenaphthylene	NA	12 U	12 U	55 U	51 U	
Anthracene	NA	280 J	280 J	650 J	55 UM	
Benzo[a]anthracene	NA	16 UM	16 UM	75 U	120 J	
Benzo[a]pyrene	NA	17 U	17 U	80 U	170 J	
Benzo[b]fluoranthene	NA	41 UM	41 UM	190 U	180 UM	
Benzo[g,h,i]perylene	NA	18 U	18 U	85 U	130 J	
Benzo[k]fluoranthene	NA	42 UM	42 UM	200 U	200 JM	
Bis(2-chloroethoxy)methane	NA	15 U	15 U	70 U	65 U	
Bis(2-chloroethyl)ether	NA	110 U	110 U	520 U	480 U	
Bis(2-ethylhexyl)phthalate	NA	71 JM	71 JM	180 U	200 J	
Butylbenzyl phthalate	NA	14 U	14 U	65 U	60 U	
Chrysene	NA	18 UH	18 UH	85 U	150 J	
Dibenzo[a,h]anthracene	NA	20 U	20 U	90 U	83 U	
Dibenzofuran	NA	16 U	16 U	75 U	69 U	
Diethyl phthalate	NA	18 U	18 U	85 U	78 U	
Dimethyl phthalate	NA	16 U	16 U	75 U	69 U	
Di-n-butyl phthalate	NA	15 U	15 U	70 U	65 U	

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG93-SOIL-4 WC-GCS3-1-1 WC-GCS3-1-1 WC-GCS4-2-1 WC-GCS4-2-2					
	Sample Date:		10/28/03	12/30/02	11/21/02	12/30/02
						DIL
Di-n-octyl phthalate		NA	13 U	13 U	60 U	55 U
Di-n-propylnitrosamine		NA	15 U	NA	70 U	NA
Fluoranthene		NA	24 U	24 U	140 J	100 J
Fluorene		NA	22 U	22 U	100 U	92 U
Hexachlorobenzene		NA	21 U	21 U	95 U	88 U
Hexachlorobutadiene		NA	36 U	36 U	170 U	150 U
Hexachlorocyclopentadiene		NA	49 U	49 U	230 U	210 U
Hexachloroethane		NA	23 U	23 U	110 U	97 U
Indeno[1,2,3-cd]pyrene		NA	20 U	20 U	90 U	120 J
Isophorone		NA	25 U	25 U	120 U	110 U
n-Nitroso-di-n-propylamine		NA	NA	15 U	NA	65 U
Naphthalene		NA	35 U	35 U	510 J	150 U
Nitrobenzene		NA	27 U	27 U	130 U	120 J
N-Nitrosodiphenylamine		NA	17 U	17 U	21000 A	74 U
Pentachlorophenol		NA	47 U	47 U	220 U	200 U
Phenanthrene		NA	26 U	26 U	210 J	110 U
Phenol		NA	26 U	26 U	300 J	110 U
Pyrene		NA	21 JM	21 JM	95 U	160 J

A - Concentration exceeds the instrument calibration range
or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-GCS4-2-2 WC-GCS4-2-2 WC-GCS6-2-1 WC-GCS6-2-2 WC-LFGCS-1-1 WC-LFGCS-1-2					
	Sample Date:		Sample Date:		Sample Date:	
	12/30/02	12/30/02	08/15/02	08/15/02	08/22/02	08/22/02
1,2,4-Trichlorobenzene	NA	580 U	1600 J	740 J	56 U	27 U
1,2-Dichlorobenzene	NA	1300	2700 J	120 J	40 U	19 U
1,3-Dichlorobenzene	NA	160 J	430 UM	610 J	36 U	17 U
1,4-Dichlorobenzene	NA	240 J	3200 J	2600	42 U	21 U
2,4,5-Trichlorophenol	46 U	NA	270 U	26 U	22 U	11 U
2,4-Dinitrotoluene	88 U	NA	520 U	49 U	42 U	21 U
2,6-Dinitrotoluene	65 U	NA	380 U	36 U	31 U	15 U
2-Chloronaphthalene	88 U	NA	520 U	49 U	42 U	21 U
2-Methylnaphthalene	130 U	NA	760 U	100 J	110 J	95 J
2-Nitroaniline	100 U	NA	600 U	57 U	49 U	24 U
3-Nitroaniline	83 U	NA	490 U	200 J	40 U	19 U
4-Bromodiphenyl ether	60 U	NA	350 U	34 U	29 U	14 U
4-Chlorophenyl phenyl ether	74 U	NA	430 U	42 U	36 U	17 U
4-Nitroaniline	610 J	NA	650 U	350 J	54 U	26 U
4-Nitrophenol	390 U	NA	2300 U	220 U	190 U	92 U
Acenaphthene	69 U	NA	410 U	89 J	210 J	16 U
Acenaphthylene	51 U	NA	300 U	95 J	120 JM	12 U
Anthracene	55 UM	NA	330 U	120 J	680 J	60 JM
Benzo[a]anthracene	120 J	NA	410 U	520 J	1100	140 J
Benzo[a]pyrene	170 J	NA	430 UM	490 J	1100	160 J
Benzo[b]fluoranthene	180 UM	NA	1000 UM	390 JH	1700	240 J
Benzo[g,h,i]perylene	130 J	NA	460 U	300 J	270 JQ	18 U
Benzo[k]fluoranthene	200 JM	NA	1100 UM	420 J	87 U	42 U
Bis(2-chloroethoxy)methane	65 U	NA	380 U	36 U	31 U	15 U
Bis(2-chloroethyl)ether	480 U	NA	2800 U	270 U	230 U	110 U
Bis(2-ethylhexyl)phthalate	200 J	NA	980 UM	94 U	80 U	39 U
Butylbenzyl phthalate	60 U	NA	350 U	34 U	29 U	14 U
Chrysene	150 J	NA	460 U	570 J	1300	190 JM
Dibenzo[a,h]anthracene	83 U	NA	490 U	120 J	110 JQ	19 U
Dibenzofuran	69 U	NA	410 U	56 J	160 J	16 U
Diethyl phthalate	78 U	NA	460 U	250 J	38 U	18 U
Dimethyl phthalate	69 U	NA	410 U	39 U	33 U	16 U
Di-n-butyl phthalate	65 U	NA	380 U	70 J	31 U	15 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-GCS4-2-2 WC-GCS4-2-2 WC-GCS6-2-1 WC-GCS6-2-2 WC-LFGCS-1-1 WC-LFGCS-1-2					
	Sample Date: 12/30/02		12/30/02	08/15/02	08/22/02	08/22/02
Di-n-octyl phthalate	55 U	NA	330 U	31 U	27 U	13 U
Di-n-propylnitrosamine	65 U	NA	380 U	36 U	31 U	15 U
Fluoranthene	100 J	NA	600 U	820 J	2400	270 J
Fluorene	92 U	NA	540 U	72 J	45 U	22 U
Hexachlorobenzene	88 U	NA	520 U	49 U	42 U	21 U
Hexachlorobutadiene	150 U	NA	900 U	86 U	74 U	36 U
Hexachlorocyclopentadiene	210 U	NA	1200 U	120 U	100 U	49 U
Hexachloroethane	97 U	NA	570 U	55 U	47 U	23 U
Indeno[1,2,3-cd]pyrene	120 J	NA	490 U	290 J	310 J	47 JQ
Isophorone	110 U	NA	3200 J	60 U	51 U	25 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	NA
Naphthalene	150 U	NA	870 U	83 U	71 U	35 U
Nitrobenzene	120 J	NA	680 U	65 U	56 U	27 U
N-Nitrosodiphenylamine	74 U	NA	6000 J	830 J	160 JQ	17 U
Pentachlorophenol	200 U	NA	1200 U	110 U	96 U	47 U
Phenanthrene	110 U	NA	650 U	570 J	2100	190 J
Phenol	110 U	NA	3000 J	93 J	54 U	26 U
Pyrene	160 J	NA	3900 J	1100 H	2100	320 J

- A - Concentration exceeds the instrument calibration range
or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-LFGCS-1-3 WC-LFGCS-1-4 WC-PT2-2-1 WC-PT2-2-1 WC-PT2-2-2 WC-PT2-2-3					
	Sample Date: 09/11/02	09/24/02	12/30/02	12/30/02	12/30/02	12/30/02
			DIL			
1,2,4-Trichlorobenzene	230 J	310 U	NA	NA	23000	14000
1,2-Dichlorobenzene	23 U	220 U	NA	NA	25000	26000
1,3-Dichlorobenzene	21 U	200 U	NA	NA	1200	520 J
1,4-Dichlorobenzene	25 U	240 U	NA	NA	2600	2400
2,4,5-Trichlorophenol	13 U	120 U	57 U	57 U	NA	NA
2,4-Dinitrotoluene	25 U	240 U	110 J	110 J	NA	NA
2,6-Dinitrotoluene	18 U	170 U	80 U	80 U	NA	NA
2-Chloronaphthalene	25 U	240 U	120 JH	120 JH	NA	NA
2-Methylnaphthalene	39 J	350 U	160 U	160 U	NA	NA
2-Nitroaniline	29 U	270 U	130 U	130 U	NA	NA
3-Nitroaniline	130 J	220 U	740 J	740 J	NA	NA
4-Bromodiphenyl ether	17 U	160 U	74 U	74 U	NA	NA
4-Chlorophenyl phenyl ether	21 U	200 U	91 U	91 U	NA	NA
4-Nitroaniline	140 J	300 U	9700	9700	NA	NA
4-Nitrophenol	110 U	1100 U	490 U	490 U	NA	NA
Acenaphthene	20 U	190 U	86 U	86 U	NA	NA
Acenaphthylene	64 J	140 U	63 U	63 U	NA	NA
Anthracene	63 J	370 JM	380 J	380 J	NA	NA
Benzo[a]anthracene	210 J	390 JM	330 J	330 J	NA	NA
Benzo[a]pyrene	200 J	310 JM	150 J	150 J	NA	NA
Benzo[b]fluoranthene	230 JM	470 UQ	220 U	220 U	NA	NA
Benzo[g,h,i]perylene	45 J	210 UM	97 U	97 U	NA	NA
Benzo[k]fluoranthene	200 J	490 UQ	220 U	220 U	NA	NA
Bis(2-chloroethoxy)methane	18 U	170 U	80 U	80 U	NA	NA
Bis(2-chloroethyl)ether	130 U	1300 U	590 U	590 U	NA	NA
Bis(2-ethylhexyl)phthalate	80 JM	450 UB	210 U	210 U	NA	NA
Butylbenzyl phthalate	17 U	160 U	74 U	74 U	NA	NA
Chrysene	200 J	360 JM	280 J	280 J	NA	NA
Dibenzo[a,h]anthracene	24 JM	220 U	100 U	100 U	NA	NA
Dibenzofuran	20 U	190 U	86 U	86 U	NA	NA
Diethyl phthalate	22 U	210 U	97 U	97 U	NA	NA
Dimethyl phthalate	20 U	190 U	850 J	850 J	NA	NA
Di-n-butyl phthalate	63 JM	210 JMB	80 U	80 U	NA	NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-LFGCS-1-3 WC-LFGCS-1-4 WC-PT2-2-1 WC-PT2-2-1 WC-PT2-2-2 WC-PT2-2-2 WC-PT2-2-3							
	Sample Date:		DIL					
	09/11/02	09/24/02	12/30/02	12/30/02	12/30/02	12/30/02	12/30/02	12/30/02
Di-n-octyl phthalate	16 U	150 U	69 U	69 U	69 U	NA	NA	NA
Di-n-propylnitrosamine	18 U	170 U	NA	NA	80 U	NA	NA	NA
Fluoranthene	300 J	750 J	330 J	330 J	330 J	NA	NA	NA
Fluorene	26 U	250 U	110 U	110 U	110 U	NA	NA	NA
Hexachlorobenzene	25 U	240 U	110 U	110 U	110 U	NA	NA	NA
Hexachlorobutadiene	43 U	410 U	190 U	190 U	190 U	NA	NA	NA
Hexachlorocyclopentadiene	59 U	560 U	260 U	260 U	260 U	NA	NA	NA
Hexachloroethane	27 U	260 U	120 U	120 U	120 U	NA	NA	NA
Indeno[1,2,3-cd]pyrene	58 J	220 UM	100 UM	100 UM	100 UM	NA	NA	NA
Isophorone	30 U	290 U	130 U	130 U	130 U	NA	NA	NA
n-Nitroso-di-n-propylamine	NA	NA	80 U	80 U	NA	NA	NA	NA
Naphthalene	42 U	400 U	200 J	200 J	200 J	NA	NA	NA
Nitrobenzene	64 J	310 U	540 J	540 J	540 J	NA	NA	NA
N-Nitrosodiphenylamine	450	15000	9500	9500	9500	NA	NA	NA
Pentachlorophenol	56 U	540 U	250 U	250 U	250 U	NA	NA	NA
Phenanthrene	140 J	500 JM	450 J	450 J	450 J	NA	NA	NA
Phenol	31 U	300 U	140 U	140 U	140 U	NA	NA	NA
Pyrene	290 J	530 J	510 J	510 J	510 J	NA	NA	NA

- A - Concentration exceeds the instrument calibration range or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WC-PT2-2-4 WC-PT2-2-5 WC-PT2-2-6 WC-PT2-2-7 WC-PTI-2-1 WC-SOIL/GCS-P											
Parameter (Concentrations in µg/kg)	Sample Date:		12/30/02		12/30/02		12/30/02		12/30/02		07/08/03
	DIL		DIL		DIL		DIL		DIL		
1,2,4-Trichlorobenzene	36000	3800	20000	39000	NA	3 J					
1,2-Dichlorobenzene	160000	20000	120000	510000	NA	2 J					
1,3-Dichlorobenzene	1600 J	340 J	2700 J	21000	NA	0.5 U					
1,4-Dichlorobenzene	13000	1000	7400	35000	NA	0.6 U					
2,4,5-Trichlorophenol	NA	NA	NA	NA	65 U	NA					
2,4-Dinitrotoluene	NA	NA	NA	NA	120 U	NA					
2,6-Dinitrotoluene	NA	NA	NA	NA	90 U	NA					
2-Chloronaphthalene	NA	NA	NA	NA	220 JM	NA					
2-Methylnaphthalene	NA	NA	NA	NA	250 J	NA					
2-Nitroaniline	NA	NA	NA	NA	140 U	NA					
3-Nitroaniline	NA	NA	NA	NA	530 J	NA					
4-Bromodiphenyl ether	NA	NA	NA	NA	84 U	NA					
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	100 U	NA					
4-Nitroaniline	NA	NA	NA	NA	5800 H	NA					
4-Nitrophenol	NA	NA	NA	NA	550 U	NA					
Acenaphthene	NA	NA	NA	NA	97 U	NA					
Acenaphthylene	NA	NA	NA	NA	71 U	NA					
Anthracene	NA	NA	NA	NA	270 J	NA					
Benzo[a]anthracene	NA	NA	NA	NA	180 J	NA					
Benzo[a]pyrene	NA	NA	NA	NA	100 U	NA					
Benzo[b]fluoranthene	NA	NA	NA	NA	250 U	NA					
Benzo[g,h,i]perylene	NA	NA	NA	NA	110 U	NA					
Benzo[k]fluoranthene	NA	NA	NA	NA	250 U	NA					
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	90 U	NA					
Bis(2-chloroethyl)ether	NA	NA	NA	NA	670 U	NA					
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA	230 UB	NA					
Butylbenzyl phthalate	NA	NA	NA	NA	84 U	NA					
Chrysene	NA	NA	NA	NA	110 U	NA					
Dibenzo[a,h]anthracene	NA	NA	NA	NA	120 U	NA					
Dibenzofuran	NA	NA	NA	NA	97 U	NA					
Diethyl phthalate	NA	NA	NA	NA	110 U	NA					
Dimethyl phthalate	NA	NA	NA	NA	390 J	NA					
Di-n-butyl phthalate	NA	NA	NA	NA	90 U	NA					

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-PT2-2-4 WC-PT2-2-5 WC-PT2-2-6 WC-PT2-2-7 WC-PTI-2-1 WC-SOIL/GCS-P1							
	Sample Date: 12/30/02	DIL	12/30/02	DIL	12/30/02	DIL	12/30/02	07/08/03
Di-n-octyl phthalate	NA	NA	NA	NA	NA	78 U	NA	NA
Di-n-propylnitrosamine	NA	NA	NA	NA	NA	90 U	NA	NA
Fluoranthene	NA	NA	NA	NA	NA	140 UH	NA	NA
Fluorene	NA	NA	NA	NA	NA	130 U	NA	NA
Hexachlorobenzene	NA	NA	NA	NA	NA	180 JM	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA	210 U	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	290 U	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA	140 U	NA	NA
Indeno[1,2,3-cd]pyrene	NA	NA	NA	NA	NA	120 U	NA	NA
Isophorone	NA	NA	NA	NA	NA	150 U	NA	NA
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA	210 U	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA	370 J	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	2600	NA	NA
Pentachlorophenol	NA	NA	NA	NA	NA	280 U	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	160 U	NA	NA
Phenol	NA	NA	NA	NA	NA	190 J	NA	NA
Pyrene	NA	NA	NA	NA	NA	240 J	NA	NA

A - Concentration exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in $\mu\text{g/kg}$)	Sample Designation: WC-SOIL/GCS-P1A WC-SOIL/GCS-P2 WC-SOIL/GCS-P2A WC-ST1-2-1C WC-ST1-2-2C					
	Sample Date:		Sample Date:		Sample Date:	
	DIL	07/08/03	DIL	07/08/03	DIL	11/18/02
1,2,4-Trichlorobenzene	NA	69	NA	NA	17000	4500
1,2-Dichlorobenzene	NA	8	NA	NA	120000	80000
1,3-Dichlorobenzene	NA	0.5 U	NA	NA	2400 J	1000 J
1,4-Dichlorobenzene	NA	3 J	NA	NA	19000	8300
2,4,5-Trichlorophenol	20 U	NA	28 J	28 J	49 U	120 U
2,4-Dinitrotoluene	38 U	NA	39 J	39 J	93 U	990 J
2,6-Dinitrotoluene	28 U	NA	28 U	28 U	69 U	180 U
2-Chloronaphthalene	74 J	NA	38 U	38 U	93 U	240 U
2-Methylnaphthalene	82 J	NA	150 J	150 J	140 U	350 J
2-Nitroaniline	44 U	NA	45 U	45 U	110 U	280 U
3-Nitroaniline	36 U	NA	75 J	75 J	280 J	660 J
4-Bromodiphenyl ether	26 U	NA	26 U	26 U	64 U	160 U
4-Chlorophenyl phenyl ether	32 U	NA	32 U	32 U	79 U	200 U
4-Nitroaniline	48 U	NA	1400	1400	1500 J	3300 J
4-Nitrophenol	170 U	NA	170 U	170 U	420 U	1900 J
Acenaphthene	30 U	NA	30 U	30 U	74 U	190 U
Acenaphthylene	22 U	NA	27 J	27 J	54 U	140 U
Anthracene	160 J	NA	150 J	150 J	540 J	150 U
Benzo[a]anthracene	160 J	NA	350 J	350 J	100 J	380 J
Benzo[a]pyrene	120 J	NA	360 J	360 J	79 U	200 U
Benzo[b]fluoranthene	110 J	NA	360 JM	360 JM	190 UH	480 U
Benzo[g,h,i]perylene	41 J	NA	99 J	99 J	83 U	210 U
Benzo[k]fluoranthene	130 JM	NA	370 JM	370 JM	190 U	490 U
Bis(2-chloroethoxy)methane	28 U	NA	28 U	28 U	69 U	180 U
Bis(2-chloroethyl)ether	210 U	NA	210 U	210 U	510 U	1300 U
Bis(2-ethylhexyl)phthalate	210 J	NA	160 J	160 J	180 U	450 U
Butylbenzyl phthalate	350 J	NA	26 U	26 U	64 U	160 U
Chrysene	170 J	NA	410 J	410 J	160 J	210 U
Dibenzo[a,h]anthracene	36 U	NA	55 J	55 J	88 U	220 U
Dibenzofuran	30 U	NA	31 J	31 J	74 U	190 U
Diethyl phthalate	34 U	NA	34 U	34 U	83 U	210 U
Dimethyl phthalate	30 U	NA	30 U	30 U	310 J	190 U
Di-n-butyl phthalate	28 U	NA	40 J	40 J	69 U	180 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-SOIL/GCS-P1A WC-SOIL/GCS-P2 WC-SOIL/GCS-P2A WC-ST1-2-1C WC-ST1-2-2C					
	Sample Date:		Sample Date:		Sample Date:	
	DIL	07/08/03	DIL	07/08/03	DIL	11/18/02
Di-n-octyl phthalate	24 U	NA	24 U	NA	59 U	150 U
Di-n-propylnitrosamine	NA	NA	NA	NA	NA	NA
Fluoranthene	430 J	NA	650 J	130 J	280 U	280 U
Fluorene	40 U	NA	40 U	98 U	250 U	250 U
Hexachlorobenzene	38 U	NA	38 U	240 J	240 U	240 U
Hexachlorobutadiene	66 U	NA	67 U	160 U	410 U	410 U
Hexachlorocyclopentadiene	90 U	NA	91 U	220 U	560 U	560 U
Hexachloroethane	42 U	NA	42 U	100 U	260 U	260 U
Indeno[1,2,3-cd]pyrene	44 J	NA	110 J	88 U	220 U	220 U
Isophorone	46 U	NA	47 U	110 U	290 U	290 U
n-Nitroso-di-n-propylamine	28 U	NA	28 U	69 U	180 U	180 U
Naphthalene	67 J	NA	65 U	750 J	400 U	400 U
Nitrobenzene	50 U	NA	51 U	120 U	310 U	310 U
N-Nitrosodiphenylamine	580 J	NA	1500	1800	4400	4400
Pentachlorophenol	86 U	NA	87 U	210 U	540 U	540 U
Phenanthrene	320 J	NA	350 J	220 J	300 U	300 U
Phenol	48 U	NA	70 J	1700	710 J	710 J
Pyrene	330 J	NA	600 J	230 J	240 U	240 U

A - Concentration exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-ST1-2-3C WC-ST1-2-4C WC-ST1-2-4C WC-SVESP-1 WC-SVESP-1A					
	Sample Date:	11/18/02	11/18/02	11/18/02	07/08/03	07/08/03
	DIL	DIL	DIL	DIL	DIL	DIL
1,2,4-Trichlorobenzene	NA	4000	NA	2600	530	NA
1,2-Dichlorobenzene	NA	9300	NA	10000	170	NA
1,3-Dichlorobenzene	NA	2900	NA	280 J	25	NA
1,4-Dichlorobenzene	NA	1500	NA	1500	80	NA
2,4,5-Trichlorophenol	54 U	NA	44 U	NA	NA	240 U
2,4-Dinitrotoluene	100 U	NA	84 U	NA	NA	460 U
2,6-Dinitrotoluene	75 U	NA	62 U	NA	NA	340 U
2-Chloronaphthalene	100 U	NA	84 U	NA	NA	460 UH
2-Methylnaphthalene	1300 J	NA	120 U	NA	NA	2500 J
2-Nitroaniline	120 U	NA	98 U	NA	NA	530 U
3-Nitroaniline	2700 J	NA	80 U	NA	NA	1500 J
4-Bromodiphenyl ether	70 U	NA	58 U	NA	NA	310 U
4-Chlorophenyl phenyl ether	86 U	NA	71 U	NA	NA	390 U
4-Nitroaniline	3000 J	NA	110 U	NA	NA	9000 J
4-Nitrophenol	460 U	NA	380 U	NA	NA	2100 U
Acenaphthene	80 U	NA	80 J	NA	NA	360 U
Acenaphthylene	59 U	NA	79 J	NA	NA	270 U
Anthracene	200 J	NA	300 J	NA	NA	1500 J
Benzo[a]anthracene	250 J	NA	1300 J	NA	NA	580 J
Benzo[a]pyrene	120 J	NA	1100 J	NA	NA	390 U
Benzo[b]fluoranthene	200 UH	NA	1300 JH	NA	NA	920 U
Benzo[g,h,i]perylene	91 U	NA	380 J	NA	NA	410 U
Benzo[k]fluoranthene	210 U	NA	1700	NA	NA	940 U
Bis(2-chloroethoxy)methane	75 U	NA	62 U	NA	NA	340 U
Bis(2-chloroethyl)ether	550 U	NA	460 U	NA	NA	2500 U
Bis(2-ethylhexyl)phthalate	190 U	NA	970 J	NA	NA	870 U
Butylbenzyl phthalate	70 U	NA	58 U	NA	NA	310 U
Chrysene	150 J	NA	1400 J	NA	NA	410 U
Dibenzo[a,h]anthracene	97 U	NA	240 J	NA	NA	430 U
Dibenzofuran	80 U	NA	97 J	NA	NA	360 U
Diethyl phthalate	91 U	NA	75 U	NA	NA	410 U
Dimethyl phthalate	2000	NA	67 U	NA	NA	360 U
Di-n-butyl phthalate	75 U	NA	62 U	NA	NA	340 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-ST1-2-3C WC-ST1-2-3C WC-ST1-2-4C WC-ST1-2-4C WC-ST1-2-4C WC-SVESP-1 WC-SVESP-1A							
	Sample Date: 11/18/02		11/18/02		11/18/02		07/08/03	
	DIL		DIL		DIL		DIL	
Di-n-octyl phthalate	64 U	NA	53 U	NA	NA	NA	290 U	
Di-n-propylnitrosamine	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	200 J	NA	1000 J	NA	NA	NA	650 J	
Fluorene	110 U	NA	89 U	NA	NA	NA	480 U	
Hexachlorobenzene	100 U	NA	84 U	NA	NA	NA	460 U	
Hexachlorobutadiene	180 U	NA	150 U	NA	NA	NA	800 U	
Hexachlorocyclopentadiene	240 U	NA	200 U	NA	NA	NA	1100 U	
Hexachloroethane	110 U	NA	93 U	NA	NA	NA	510 U	
Indeno[1,2,3-cd]pyrene	97 U	NA	480 J	NA	NA	NA	430 U	
Isophorone	120 U	NA	100 U	NA	NA	NA	560 U	
n-Nitroso-di-n-propylamine	75 U	NA	62 U	NA	NA	NA	340 U	
Naphthalene	220 J	NA	160 J	NA	NA	NA	770 U	
Nitrobenzene	130 U	NA	110 U	NA	NA	NA	4600 J	
N-Nitrosodiphenylamine	9200	NA	71 U	NA	NA	NA	10000	
Pentachlorophenol	230 U	NA	190 U	NA	NA	NA	1000 U	
Phenanthrene	140 J	NA	1100 J	NA	NA	NA	580 U	
Phenol	260 J	NA	130 J	NA	NA	NA	580 UH	
Pyrene	210 J	NA	84 U	NA	NA	NA	590 J	

A - Concentration exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WE-AREA1-2-17A WE-AREA1-2-17B WE-AREA1-2-17C WE-AREA1-2-17D			
	Sample Date: 01/22/03		01/22/03	
	DIL		DIL	DIL
1,2,4-Trichlorobenzene	45000	2900	15000 U	17000 U
1,2-Dichlorobenzene	28000 J	6100	23000	10000 J
1,3-Dichlorobenzene	6000 U	820 J	2500 U	2900 JH
1,4-Dichlorobenzene	7200 U	1500	3600 J	3500 U
2,4,5-Trichlorophenol	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA
4-Bromodiphenyl ether	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA
Acenaphthene	NA	NA	NA	NA
Acenaphthylene	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA
Benzo[a]anthracene	NA	NA	NA	NA
Benzo[a]pyrene	NA	NA	NA	NA
Benzo[b]fluoranthene	NA	NA	NA	NA
Benzo[g,h,i]perylene	NA	NA	NA	NA
Benzo[k]fluoranthene	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NA	NA	NA	NA
Bis(2-chloroethyl)ether	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NA	NA	NA	NA
Butylbenzyl phthalate	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA
Dibenzo[a,h]anthracene	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA
Diethyl phthalate	NA	NA	NA	NA
Dimethyl phthalate	NA	NA	NA	NA
Di-n-butyl phthalate	NA	NA	NA	NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WE-AREA1-2-17A WE-AREA1-2-17B WE-AREA1-2-17C WE-AREA1-2-17D					
	Sample Date: 01/22/03		01/22/03		01/22/03	
	DIL		DIL		DIL	
Di-n-octyl phthalate	NA	NA	NA	NA	NA	NA
Di-n-propylnitrosamine	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	NA	NA	NA	NA	NA	NA
Isophorone	NA	NA	NA	NA	NA	NA
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA

A - Concentration exceeds the instrument calibration range or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Sample Designation: WE-AREA1-2-17E		
Parameter	Sample Date:	
(Concentrations in $\mu\text{g/kg}$)	01/22/03	DIL
1,2,4-Trichlorobenzene		2000
1,2-Dichlorobenzene		8100
1,3-Dichlorobenzene		2400
1,4-Dichlorobenzene		2000
2,4,5-Trichlorophenol		NA
2,4-Dinitrotoluene		NA
2,6-Dinitrotoluene		NA
2-Chloronaphthalene		NA
2-Methylnaphthalene		NA
2-Nitroaniline		NA
3-Nitroaniline		NA
4-Bromodiphenyl ether		NA
4-Chlorophenyl phenyl ether		NA
4-Nitroaniline		NA
4-Nitrophenol		NA
Acenaphthene		NA
Acenaphthylene		NA
Anthracene		NA
Benzo[a]anthracene		NA
Benzo[a]pyrene		NA
Benzo[b]fluoranthene		NA
Benzo[g,h,i]perylene		NA
Benzo[k]fluoranthene		NA
Bis(2-chloroethoxy)methane		NA
Bis(2-chloroethyl)ether		NA
Bis(2-ethylhexyl)phthalate		NA
Butylbenzyl phthalate		NA
Chrysene		NA
Dibenzo[a,h]anthracene		NA
Dibenzofuran		NA
Diethyl phthalate		NA
Dimethyl phthalate		NA
Di-n-butyl phthalate		NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WE-AREA1-2-17E	
	Sample Date:	DIL
Di-n-octyl phthalate		NA
Di-n-propylnitrosamine		NA
Fluoranthene		NA
Fluorene		NA
Hexachlorobenzene		NA
Hexachlorobutadiene		NA
Hexachlorocyclopentadiene		NA
Hexachloroethane		NA
Indeno[1,2,3-cd]pyrene		NA
Isophorone		NA
n-Nitroso-di-n-propylamine		NA
Naphthalene		NA
Nitrobenzene		NA
N-Nitrosodiphenylamine		NA
Pentachlorophenol		NA
Phenanthrene		NA
Phenol		NA
Pyrene		NA

- A - Concentration exceeds the instrument calibration range or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 8. Summary of TCLP Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-1-6A
	Sample Date: 10/15/02
Nitrobenzene	84 J
J - Estimated value µg/L - Micrograms per liter	

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation:				
	REN-SW-01	REN-SW-02	REN-SW-03	WC-AREA1-1-1	WC-AREA1-1-2
Sample Date:	04/29/05	05/04/05	05/04/05	08/22/02	09/11/02
Arsenic	1500	4000	740	306	16.3 B
Barium	52	44	46	66.2	84.6
Cadmium	0.77	0.76	0.65 U	0.81 U	3.88 U
Chromium	17	14	13	111	1810
Lead	70	42	27	200	1140
Mercury	0.091 U	0.19	0.13	0.92 U	NA
Selenium	2	2	2 U	1.3 U	6.2 U
Silver	2.7 U	2.7 U	2.7 U	0.24 U	1.16 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-AREA1-1-3 WC-AREA1-1-4A WC-AREA1-1-4B WC-AREA1-1-5 WC-AREA1-1-6A				
	Sample Date: 09/11/02		09/11/02		09/11/02
Arsenic	63.1	133	43.9	712	140
Barium	97.2	94.4	76.9	80.8	86.5
Cadmium	6.52 B	3.71 B	4.81 B	4.18 U	3.9 U
Chromium	6350	1880	740	3440	3710
Lead	1730	603	389	7090	800
Mercury	NA	NA	NA	NA	NA
Selenium	7.47 U	5.83 U	5.23 U	6.69 U	6.23 U
Silver	1.4 U	1.09 U	0.981 U	1.25 U	1.17 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-AREA1-1-6B WC-AREA1-1-7 WC-AREA1-1-8 WC-AREA1-1-9A WC-AREA1-1-9B				
	Sample Date: 09/11/02	09/11/02	09/11/02	09/11/02	09/11/02
Arsenic	79.5	202	1670	10.6 B	53.1
Barium	64.9	144	568	54.2	158
Cadmium	4.09 U	4.3 U	20.8	5.57 B	11
Chromium	7180	5710	7170	526	2480
Lead	1680	1330	7270	708	5320
Mercury	NA	NA	NA	NA	NA
Selenium	6.55 U	6.88 U	8.29 U	5.97 U	4.97 U
Silver	1.23 U	1.29 U	1.55 U	1.12 U	0.932 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-AREA1-2-1 WC-AREA1-2-2 WC-AREA1-2-3 WC-AREA1-2-4 WC-AREA1-2-5			
	Sample Date: 08/22/02	09/11/02	09/11/02	09/12/02
Arsenic	1 B	1090	55.5	171
Barium	3.4	208	96	116
Cadmium	0.97 U	4.94 B	15.8	5.66 U
Chromium	410	10400	14100	17600
Lead	24.9	3690	25200	351
Mercury	0.75 U	NA	NA	NA
Selenium	3.6 B	7.79 U	6.04 U	9.05 U
Silver	0.29 U	1.46 U	1.13 U	1.7 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-AREA1-2-6 WC-AREA1-2-7 WC-AREA1-2-8 WC-AREA1-2-9 WC-AREA1-2-10					
	Sample Date: 09/12/02		09/12/02		09/12/02	
Arsenic	15 B	60.8	28 B	34 B	49.7 B	
Barium	68.5	83.3	53.7	53.9	33.3	
Cadmium	5.77 U	6.49 U	10.6 B	6.93 U	14.9 B	
Chromium	13400	11000	26800	8610	14500	
Lead	1860	4430	3340	4240	3330	
Mercury	NA	NA	NA	NA	NA	
Selenium	9.23 U	10.4 U	10.9 U	11.1 U	9.96 U	
Silver	1.73 U	1.95 U	2.04 U	2.08 U	1.87 U	

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-AREA1-2-11 WC-AREA1-2-12 WC-AREA1-2-13 WC-AREA1-2-14 WC-AREA4B-1-1				
	Sample Date: 09/23/02 09/23/02 09/23/02 09/23/02 09/23/02				
Arsenic	207	294	609	229	493
Barium	215	236	232	129	54.7
Cadmium	11.3 U	7.5 B	6.05 B	5.21 B	2.04 U
Chromium	80000	9430	33200	6080	37.8
Lead	3030	3390	4750	6170	86.5
Mercury	3.41 B	35 B	4.18 B	1.63 B	0.121 B
Selenium	18.1 U	9.23 B	7.84 U	4.36 U	3.26 U
Silver	3.39 U	0.903 U	1.47 U	0.817 U	0.612 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-AREA4B-1-2 WC-BLDG84-SOIL-1B WC-BLDG84-SOIL-2 WC-BLDG84-SOIL-2			
	Sample Date: 09/23/02	08/05/03	10/28/03	10/28/03
	DIL	DIL	DIL	DIL
Arsenic	494	8 BN	8.8 BN	NA
Barium	62.5	336 N	110 *N	NA
Cadmium	2.38 U	1.4 U	1.5 UN	NA
Chromium	63	1230 *	882 *N	NA
Lead	126	398	115 *	NA
Mercury	1.1 B	3.6 B*	NA	0.4 B
Selenium	3.81 U	2.3 U	2.4 U	NA
Silver	0.714 U	0.43 U	0.45 U	NA

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-BLDG87-SOIL-1C WC-BLDG87-SOIL-2C WC-BLDG87-SOIL-2C WC-BLDG93-PR-1A			
	Sample Date:	12/02/03	12/29/03	07/08/03
		DIL	DIL	DIL
Arsenic	3.9 BN	22.5 B	NA	12 B
Barium	47.6	266	NA	223
Cadmium	1.6 U	3.9 U	NA	5.8 U
Chromium	10.7	142 N	NA	2070
Lead	99.3	454 N	NA	752 *
Mercury	0.27 B	NA	0.69 B	1.8 B
Selenium	2.6 UN	6.3 U	NA	9.3 U
Silver	0.49 U	1.2 U	NA	1.7 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-BLDG93-SOIL-2C WC-BLDG93-SOIL-3C WC-BLDG93-SOIL-3C WC-BLDG93-SOIL-4					
	Sample Date:		Sample Date:		Sample Date:	
	08/19/03	DIL	09/17/03	DIL	09/17/03	10/28/03
Arsenic	45.1		27.5		NA	23.4 N
Barium	1070		152		NA	168 *N
Cadmium	7.6 U		1.5 U		NA	1.8 BN
Chromium	532 *N		269		NA	230 *N
Lead	261 *		220		NA	348 *
Mercury	1.4 B		NA		0.69 B	5.3 B
Selenium	2.4 U		2.4 U		NA	2.8 U
Silver	0.45 U		0.45 U		NA	0.52 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-GCS6-2-1 WC-GCS6-2-2 WC-LFGCS-1-1 WC-LFGCS-1-2 WC-LFGCS-1-3 WC-LFGCS-1-4							
	Sample Date:		Sample Date:		Sample Date:		Sample Date:	
	08/15/02	08/15/02	08/15/02	08/22/02	08/22/02	08/22/02	09/11/02	09/24/02
Arsenic	27.4	40.9	24.9	11.6	14.6 B	76.9		
Barium	288	402	47.3	69.2	90.8	39.7		
Cadmium	3.3 B	7 B	1 U	0.84 U	3.51 U	5.1 U		
Chromium	121	12300	2160	133	62.5	353		
Lead	360	1800	131	119	97.5	156		
Mercury	0.75 B	1.6 B	1.2 B	0.79 U	NA	1.44 B		
Selenium	1.9 B	7.5 U	1.7 U	1.3 U	5.62 U	8.2 U		
Silver	0.87 B^	2.8 B^	0.33 B	0.25 U	1.05 U	1.5 U		

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 9. Summary of Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: WC-SOIL/GCS-P1A WC-SOIL/GCS-P1A WC-SOIL/GCS-P2A WC-SVESP-1A					
	Sample Date:		Sample Date:		Sample Date:	
	DIL	07/08/03	DIL	07/08/03	DIL	07/08/03
Arsenic	36.4	NA	1060	250		
Barium	46.9	NA	84.1	142		
Cadmium	2.3 U	NA	2.3 U	5.9 U		
Chromium	339	NA	1120	16500		
Lead	159 *	NA	518 *	4430 *		
Mercury	NA	0.27 B	1.4 B	6.1 B		
Selenium	3.8 U	NA	3.7 U	9.4 U		
Silver	0.7 U	NA	0.69 U	1.8 U		

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

mg/kg - Milligrams per kilogram

E - Series Dilution exceeds the control limits

* - BATCH QC exceeds the upper or lower control limits

^ - BATCH QC is greater than reporting limit

N - Spike Recovery exceeds the upper or lower control limits

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation:				
	REN-4C-01	REN-4C-02	REN-4C-03	REN-SW-02	REN-SW-03
Sample Date:	04/29/05	04/29/05	05/04/05	05/04/05	05/04/05
Arsenic	4	34	5.9	4.3	0.2 U
Barium	0.2 U	0.2 U	0.47	0.2 U	0.65
Cadmium	0.05 U	0.05 U	0.16	0.12	0.05 U
Chromium	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Lead	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Mercury	0.0007 U	0.0007 U	0.0007 U	0.0007 U	0.0007 U
Selenium	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Silver	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-1-1 WC-AREA1-1-2 WC-AREA1-1-3 WC-AREA1-1-4A WC-AREA1-1-4B			
	Sample Date: 09/23/02	09/11/02	09/11/02	09/11/02
Arsenic	71.4 B	34.8 U	34.8 U	34.8 U
Barium	806	691	598	633
Cadmium	12.7 U	15.1 B	75.7	110
Chromium	15.1 U	40.9 B	47.4 B	25 B
Lead	34 U	6610	3110	1010
Mercury	0.9 U	0.9 U	0.9 U	0.9 U
Selenium	147 B	40.4 B	42.5 B	54.2 B
Silver	13.7 U	6.8 U	6.8 U	6.8 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-1-5 WC-AREA1-1-6A WC-AREA1-1-6B WC-AREA1-1-7 WC-AREA1-1-7A				
	Sample Date: 09/11/02		09/11/02		10/08/02
Arsenic	80.2 B	34.8 U	34.8 U	34.8 U	34.8 U
Barium	406	696	550	449	803
Cadmium	11.8 B	11.6 B	13.4 B	40.4 B	34 B
Chromium	53.8	22.9 B	69.3	901	185
Lead	17300	4150	1370	330000	579
Mercury	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Selenium	59.3 B	49.2 B	37.6 B	48.2 B	44.8 B
Silver	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-1-7B WC-AREA1-1-7C WC-AREA1-1-8 WC-AREA1-1-8A WC-AREA1-1-8B					
	Sample Date: 10/08/02		Sample Date: 10/08/02		Sample Date: 10/08/02	
Arsenic	34.8 U		34.8 U		34.8 U	
Barium	772		754		926	568
Cadmium	107		75.2		49.7 B	44.1 B
Chromium	269		446		191	37 B
Lead	3030		933		31500	44600
Mercury	0.9 U		0.9 U		0.9 U	0.9 U
Selenium	42.1 B		38.2 B		35.5 B	37.7 B
Silver	6.8 U		6.8 U		6.8 U	6.8 U

RL - Reporting Limit
 IDL - Instrument Detection Limit
 MDL - Method Detection Limit
 B - Result is less than the CRDL/RL but greater than the IDL/MDL
 E - Serial dilution exceeds the control limit
 U - Indicates that the compound was analyzed for but not detected
 NA - Not analyzed
 µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-1-8C WC-AREA1-1-9A WC-AREA1-1-9B WC-AREA1-1-10 WC-AREA1-1-11			
	Sample Date: 10/08/02	09/11/02	09/11/02	11/07/02
Arsenic	34.8 U	34.8 U	34.8 U	69.6 U
Barium	258	483	438	78.4
Cadmium	178	47.6 B	65.9	518
Chromium	75	30.3 B	38.9 B	338
Lead	54900	3740	294000	13000
Mercury	0.9 U	0.9 U	0.9 U	0.9 U
Selenium	34.6 U	42.9 B	51.6 B	69.1 U
Silver	6.8 U	6.8 U	6.8 U	13.7 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-1-12 WC-AREA1-1-13 WC-AREA1-1-14 WC-AREA1-1-14 WC-AREA1-1-15				
	Sample Date: 11/07/02	11/21/02	12/11/02	12/12/02	12/12/02
Arsenic	69.6 U	34.8 U	NA	6.4 U	36.3 B
Barium	457	639	NA	392 B	2.8 B
Cadmium	12.7 U	6.4 U	NA	0.79 B	0.63 B
Chromium	242	275	NA	2.4 U	3.6 B
Lead	210	46.1 B	NA	61 B	3 U
Mercury	0.9 U	0.9 U	0.9 U	0.5 U	0.9 U
Selenium	69.1 U	34.6 U	NA	7.6 U	7.6 U
Silver	13.7 U	6.8 U	NA	5 U	5 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-1-16 WC-AREA1-1-17 WC-AREA1-2-10 WC-AREA1-2-11 WC-AREA1-2-12					
	Sample Date: 12/12/02		09/12/02		09/23/02	
Arsenic	6.8 B	12.5 B	34.8 U	69.6 U	69.6 U	
Barium	491	172 B	330	228	299	
Cadmium	26.6	28.7	194	91.1 B	77.6 B	
Chromium	11.7 B	73.9	160	356	79.4 B	
Lead	138000	398	4420	511	4820	
Mercury	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	
Selenium	38.6 B	22.5 B	62.8 B	69.1 U	93.3 B	
Silver	5.5 B	8.6 B	6.8 U	13.7 U	13.7 U	

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-2-13 WC-AREA1-2-14 WC-AREA1-2-15 WC-AREA1-2-16 WC-AREA1-2-17					
	Sample Date: 09/23/02		09/23/02		10/15/02	
Arsenic	69.6 U	69.6 U	34.8 U	34.8 U	40.1 B	
Barium	241	362	121	106	307	
Cadmium	75.1 B	70.8 B	16.4 B	14.7 B	8.2 B	
Chromium	100	16.6 B	1140	401	1640	
Lead	6240	6590	14700	20000	1240	
Mercury	0.9 U	0.9 U	20 U	20 U	20 U	
Selenium	89.6 B	94.6 B	34.6 U	34.6 U	34.6 U	
Silver	13.7 U	13.7 U	6.8 U	6.8 U	6.8 U	

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-2-18 WC-AREA1-2-19 WC-AREA1-2-2 WC-AREA1-2-3 WC-AREA1-2-4			
	Sample Date: 10/15/02 10/15/02 09/11/02 09/11/02 09/11/02			
Arsenic	34.8 U	34.8 U	43.5 B	34.8 U
Barium	125	254	428	245
Cadmium	6.8 B	51.5	33.6 B	52.5
Chromium	246	2320	94.9	484
Lead	2910	3640	12200	971
Mercury	20 U	20 U	0.9 U	0.9 U
Selenium	34.6 U	34.6 U	47.1 B	48.1 B
Silver	6.8 U	6.8 U	6.8 U	6.8 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-2-5 WC-AREA1-2-6 WC-AREA1-2-7 WC-AREA1-2-8 WC-AREA1-2-9				
	Sample Date: 09/12/02 09/12/02 09/12/02 09/12/02 09/12/02				
Arsenic	34.8 U	34.8 U	34.8 U	34.8 U	34.8 U
Barium	535	476	498	368	328
Cadmium	6.4 U	22.5 B	70.1	138	40.1 B
Chromium	7.6 U	114	112	57.4	86.4
Lead	204	1030	25500	105000	7720
Mercury	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Selenium	35.4 B	34.6 U	55.6 B	43.3 B	54.4 B
Silver	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA1-2-20 WC-AREA1-2-21 WC-AREA4A-1-1 WC-AREA4A-1-2 WC-AREA4A-1-3					
	Sample Date:		Sample Date:		Sample Date:	
	10/15/02	12/30/02	10/30/02	10/30/02	10/30/02	10/30/02
Arsenic	34.8 U	34.8 U	18100	3760	3200	
Barium	103	683	274	13.6 B	91.8	
Cadmium	12.2 B	39.2 B	6.4 U	6.4 U	6.4 U	
Chromium	1140	26 B	7.6 U	7.6 U	7.6 U	
Lead	2170	100000	17 U	17 U	17 U	
Mercury	20 U	0.9 U	20 U	20 U	20 U	
Selenium	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	
Silver	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA4A-1-4 WC-AREA4A-1-5 WC-AREA4A-1-6 WC-AREA4A-1-7 WC-AREA4A-1-8					
	Sample Date: 11/21/02		11/21/02		11/21/02	
Arsenic	362	34.8 U	3160	3090	6360	
Barium	362	517	350	421	467	
Cadmium	6.4 U	6.4 U	6.4 U	6.4 U	1.7 B	
Chromium	7.6 U	7.6 U	7.6 U	7.6 U	2.4 U	
Lead	17 U	17 U	17 U	17 U	11.3 BE	
Mercury	0.9 U	0.9 U	0.9 U	0.9 U	0.5 U	
Selenium	34.6 U	34.6 U	34.6 U	34.6 U	17.1 B	
Silver	6.8 U	6.8 U	6.8 U	6.8 U	5 U	

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA4A-1-9 WC-AREA4A-2-1 WC-AREA4A-2-2 WC-AREA4A-2-3 WC-AREA4A-2-4			
	Sample Date: 12/02/02 11/21/02 11/21/02 12/02/02 12/02/02			
Arsenic	95.6 B	33400	4110	445000
Barium	451	250	369	134 B
Cadmium	0.6 U	6.4 U	6.4 U	2.9 B
Chromium	2.4 U	7.6 U	7.6 U	2.4 U
Lead	11.2 BE	17 U	17 U	58.3 BE
Mercury	0.5 U	0.9 U	0.9 U	0.5 U
Selenium	23.4 B	34.6 U	34.6 U	21.6 B
Silver	5 U	6.8 U	6.8 U	5 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA4A-2-5 WC-AREA4A-2-6 WC-AREA4A-2-7 WC-AREA4A-2-8 WC-AREA4B-1-1				
	Sample Date: 12/02/02 12/02/02 12/02/02 12/02/02 09/23/02				
Arsenic	91000	9680	64800	217	553
Barium	137 B	207 B	110 B	378 B	374
Cadmium	2.3 B	2.3 B	3.8 B	0.6 U	12.7 U
Chromium	2.4 U	2.4 U	2.4 U	2.4 U	15.1 U
Lead	22.1 BE	177 BE	26.3 BE	5110 E	343
Mercury	0.5 U	0.5 U	0.5 U	0.5 U	0.9 U
Selenium	26.5 B	7.6 U	24.3 B	7.6 U	69.1 U
Silver	5 U	5 U	5 U	5 U	13.7 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-AREA4B-1-2 WC-BLDG84-SOIL-1C WC-BLDG84-SOIL-2 WC-BLDG87-SOIL-1B			
	Sample Date: 09/23/02	08/05/03	10/28/03	12/02/03
Arsenic	420	17 U	37.9 B	17 U
Barium	538	717	360	126
Cadmium	12.7 U	4.6 U	4.6 U	4.6 U
Chromium	15.1 U	153	810	6.5 U
Lead	34 U	214	516	405
Mercury	0.9 U	0.9 U	0.9 U	0.9 U
Selenium	89.7 B	24.5 U	32.5 B	28.5 B
Silver	13.7 U	4.6 U	4.6 U	4.6 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-BLDG87-SOIL-2B WC-BLDG93-SOIL-2B WC-BLDG93-PR-1C WC-BLDG93-SOIL-3B			
	Sample Date:		Sample Date:	
	12/29/03	07/08/03	08/19/03	09/17/03
Arsenic	20.4 B	17 U	17 U	17 U
Barium	177	659	889	505
Cadmium	4.6 U	4.6 U	4.6 U	4.6 U
Chromium	12.7 B	256	23.5 B	11.1 B
Lead	314	1190	143	17.5 U
Mercury	0.9 U	0.9 U	0.9 U	0.9 U
Selenium	31.5 B	24.6 B	24.5 U	24.6 B
Silver	4.6 U	4.6 U	4.6 U	4.6 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-BLDG93-SOIL-4 WC-GCS3-1-1 WC-GCS4-2-1 WC-GCS4-2-2 WC-GCS4-2-2							
	Sample Date:		Sample Date:		Sample Date:		Sample Date:	
	10/28/03	12/30/02	12/30/02	11/21/02	12/30/02	12/30/02	12/30/02	12/30/02
Arsenic	21.9 B	34.8 U	34.8 U	56.7 B	34.8 U	34.8 U	34.8 U	34.8 U
Barium	748	498	498	456	942	942	942	942
Cadmium	4.6 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
Chromium	60.3	7.7 B	7.7 B	22.7 B	51.5	51.5	51.5	51.5
Lead	1310	85	85	17 U	336	336	336	336
Mercury	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Selenium	33.6 B	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U	34.6 U
Silver	4.6 U	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-GCS6-2-1 WC-GCS6-2-2 WC-LFGCS-1-1 WC-LFGCS-1-2 WC-LFGCS-1-3 WC-LFGCS-1-4							
	Sample Date:		Sample Date:		Sample Date:		Sample Date:	
	09/23/02	09/23/02	09/23/02	09/23/02	09/23/02	09/23/02	09/11/02	09/24/02
Arsenic	69.6 U	69.6 U	69.6 U	69.6 U	69.6 U	69.6 U	34.8 U	34.8 U
Barium	462	286	761	761	653	402	607	607
Cadmium	12.7 U	12.7 U	12.7 U	12.7 U	12.7 U	6.4 U	6.4 U	6.4 U
Chromium	15.1 U	15.1 U	15.1 U	15.1 U	15.1 U	10.8 B	7.6 U	7.6 U
Lead	85 B	5560	388	388	134	17 U	62.9	62.9
Mercury	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Selenium	72.2 B	69.1 U	87.2 B	87.2 B	69.1 U	34.6 U	91.4 B	91.4 B
Silver	13.7 U	13.7 U	13.7 U	13.7 U	13.7 U	6.8 U	6.8 U	6.8 U

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 10. Summary of TCLP Metals Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation: WC-PT2-2-1 WC-PTI-2-1 WC-SOIL/GCS-P1A WC-SOIL/GCS-P2A WC-SVESP-1A					
	Sample Date: 12/30/02	12/20/02	07/08/03	07/08/03	07/08/03	07/08/03
Arsenic	34.8 U	34.8 U	22.8 B	812	17.3 B	
Barium	138	163	NA	NA	NA	
Cadmium	39.5 B	75	NA	NA	NA	
Chromium	146	157	50 U	50 U	31.4 B	
Lead	3470	22900	67.5	112	1910	
Mercury	0.9 U	0.9 U	NA	NA	NA	
Selenium	34.6 U	34.6 U	NA	NA	NA	
Silver	6.8 U	6.8 U	NA	NA	NA	

RL - Reporting Limit

IDL - Instrument Detection Limit

MDL - Method Detection Limit

B - Result is less than the CRDL/RL but greater than the IDL/MDL

E - Serial dilution exceeds the control limit

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/L - Micrograms per liter

Table 1.F. Summary of Volatile Organic Compounds Detected in Onsite Reuse Soil Samples, BASF Corporation, Rensselaer, New York

Parameter	Sample Designation:	REN-4C-04	REN-SW-01
(Concentrations in µg/kg)	Sample Date:	05/04/05	04/29/05
1,1,1-Trichloroethane	5.3 U	5.4 U	
1,1,2,2-Tetrachloroethane	5.3 U	5.4 U	
1,1,2-Trichloroethane	5.3 U	5.4 U	
1,1-Dichloroethane	5.3 U	5.4 U	
1,1-Dichloroethene	5.3 U	5.4 U	
1,2,4-Trichlorobenzene	5.3 U	5.4 U	
1,2-Dichlorobenzene	5.3 U	5.4 U	
1,2-Dichloroethane	5.3 U	5.4 U	
1,2-Dichloroethene (total)	11 U	5.4 U	
1,2-Dichloropropane	5.3 U	5.4 U	
1,3-Dichlorobenzene	5.3 U	5.4 U	
1,3-Dichloropropene, cis-	5.3 U	5.4 U	
1,3-Dichloropropene, trans-	5.3 U	5.4 U	
1,4-Dichlorobenzene	5.3 U	5.4 U	
2-Butanone	5.3 U	5.4 U	
2-Hexanone	5.3 U	5.4 U	
4-Methyl-2-pentanone	5.3 U	5.4 U	
Acetone	26 U	27 U	
Benzene	1.1 U	1.1 U	
Bromodichloromethane	1.1 U	5.4 U	
Bromoform	5.3 U	5.4 U	
Bromomethane	1.1 U	1.1 U	
Carbon disulfide	5.3 U	5.4 U	
Carbon tetrachloride	11 U	5.4 U	
Chlorobenzene	5.3 U	5.4 U	
Chloroethane	1.1 U	5.4 U	
Chloroform	1.1 U	5.4 U	
Chloromethane	1.1 U	5.4 U	
Dibromochloromethane	5.3 U	5.4 U	
Ethylbenzene	1.1 U	1.1 U	
Methylene chloride	15 B	18 B	
Styrene	5.3 U	5.4 U	
Tetrachloroethene	5.3 U	5.4 U	
Toluene	1.1 U	1.1 U	
Trichloroethene	1.1 U	5.4 U	
Vinyl acetate	NA	NA	
Vinyl chloride	5.3 U	5.4 U	
Xylene (total)	1.1 U	1.1 U	

B - Analyte detected in laboratory blank

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 12. Summary of Semivolatile Organic Compounds Detected in Onsite Reuse Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in $\mu\text{g/kg}$)	Sample Designation:	
	REN-4C-04	REN-SW-01
	Sample Date:	04/29/05
1,2,4-Trichlorobenzene	350 U	360 U
1,2-Dichlorobenzene	350 U	360 U
1,3-Dichlorobenzene	350 U	360 U
1,4-Dichlorobenzene	350 U	360 U
2,4,5-Trichlorophenol	350 U	360 U
2,4-Dinitrotoluene	350 U	360 U
2,6-Dinitrotoluene	350 U	360 U
2-Chloronaphthalene	350 U	360 U
2-Methylnaphthalene	880 U	910 U
2-Nitroaniline	350 U	360 U
3-Nitroaniline	350 U	360 U
4-Bromodiphenyl ether	350 U	360 U
4-Chlorophenyl phenyl ether	350 U	360 U
4-Nitroaniline	350 U	360 U
4-Nitrophenol	880 U	360 U
Acenaphthene	350 U	360 U
Acenaphthylene	350 U	360 U
Anthracene	130 J	40 J
Benzo[a]anthracene	770	97 J
Benzo[a]pyrene	680	110 J
Benzo[b]fluoranthene	830	120 J
Benzo[g,h,i]perylene	350 J	77 J
Benzo[k]fluoranthene	250 J	39 J
Bis(2-chloroethoxy)methane	350 U	360 U
Bis(2-chloroethyl)ether	350 U	360 U
Bis(2-ethylhexyl)phthalate	74 J	74 J
Butylbenzyl phthalate	350 U	360 U
Chrysene	610	83 J
Dibenzo[a,h]anthracene	110 J	360 U
Dibenzofuran	350 U	360 U
Diethyl phthalate	350 U	360 U
Dimethyl phthalate	350 U	360 U
Di-n-butyl phthalate	350 U	41 JB

Table 12. Summary of Semivolatile Organic Compounds Detected in Onsite Reuse Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation:	
	REN-4C-04	REN-SW-01
	Sample Date:	04/29/05
Di-n-octyl phthalate	350 U	360 U
Di-n-propylnitrosamine	NA	NA
Fluoranthene	1100	100 J
Fluorene	350 U	360 U
Hexachlorobenzene	350 U	360 U
Hexachlorobutadiene	350 U	360 U
Hexachlorocyclopentadiene	350 U	360 U
Hexachloroethane	350 U	360 U
Indeno[1,2,3-cd]pyrene	410	55 J
Isophorone	350 U	360 U
n-Nitroso-di-n-propylamine	350 U	360 U
Naphthalene	880 U	910 U
Nitrobenzene	350 U	360 U
N-Nitrosodiphenylamine	350 U	360 U
Pentachlorophenol	880 U	910 U
Phenanthrene	360	66 J
Phenol	350 U	360 U
Pyrene	890	140 J

B - Analyte detected in laboratory blank

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 13. Summary of RCRA Metals Detected in Onsite Reuse Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in mg/kg)	Sample Designation: REN-SW-01	
	Sample Date: 04/29/05	
Arsenic	1500	
Barium	52	
Cadmium	0.77	
Chromium	17	
Lead	70	
Mercury	0.091 U	
Selenium	2	
Silver	2.7 U	

U - Indicates that the compound was analyzed for but not detected
mg/kg - Milligrams per kilogram

Table 14. Summary of TCLP Metals Detected in Onsite Reuse Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/L)	Sample Designation:	
	REN-4C-04	REN-SW-01
	Sample Date:	04/29/05
	05/04/05	
Arsenic	0.47	0.52
Barium	0.56	0.3
Cadmium	0.05 U	0.05 U
Chromium	0.2 U	0.2 U
Lead	0.15 U	0.15 U
Mercury	0.0007 U	0.0007 U
Selenium	0.2 U	0.2 U
Silver	0.1 U	0.1 U

U - Indicates that the compound was analyzed for but not detected
µg/L - Micrograms per liter

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-7A WC-AREA1-1-7B WC-AREA1-1-7C WC-AREA1-1-8 WC-AREA1-1-8A					
	Sample Date:		10/08/02	10/08/02	09/11/02	10/08/02
Di-n-octyl phthalate	310 U	83 U	210 U	1300 U		81 U
Di-n-propylnitrosamine	360 U	97 U	240 U	1500 U		95 U
Fluoranthene	1200 J	200 J	32000	2300 U		280 J
Fluorene	520 U	140 U	3200 J	2100 U		140 U
Hexachlorobenzene	490 U	130 U	330 U	2000 U		130 U
Hexachlorobutadiene	860 U	230 U	570 U	3500 U		220 U
Hexachlorocyclopentadiene	1200 U	310 U	770 U	4700 U		300 U
Hexachloroethane	550 U	150 U	360 U	2200 U		140 U
Indeno[1,2,3-cd]pyrene	470 U	130 U	3700 J	1900 U		120 UM
Isophorone	600 U	160 U	400 U	2400 U		160 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA		NA
Naphthalene	830 U	220 UM	3100 J	3400 U		220 U
Nitrobenzene	650 U	170 U	430 U	2800 J		170 U
N-Nitrosodiphenylamine	950 J	5500	5900	3900 J		4000
Pentachlorophenol	1100 U	300 U	740 U	4500 U		290 U
Phenanthrene	970 J	170 UM	31000	2500 U		170 JM
Phenol	620 U	170 U	410 U	2500 U		160 U
Pyrene	890 J	220 J	19000	2000 U		250 J

A - Concentration exceeds the instrument calibration range
or below the reporting limit
B - Analyte detected in laboratory blank
H - Alternate peak selection upon analytical review
J - Estimated value
M - Manually integrated compound
U - Indicates that the compound was analyzed for but not detected
NA - Not analyzed
µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-8B WC-AREA1-1-8C WC-AREA1-1-9A WC-AREA1-1-9B WC-AREA1-1-10					
	Sample Date: 10/08/02	10/08/02	09/11/02	09/11/02	11/07/02	
1,2,4-Trichlorobenzene	22000	69000	290 J	15000 M	NA	
1,2-Dichlorobenzene	500 JM	2000 J	120 J	310 JM	NA	
1,3-Dichlorobenzene	500 JM	9900 J	17 U	460 JM	NA	
1,4-Dichlorobenzene	2500 J	4700 J	270 J	4000	NA	
2,4,5-Trichlorophenol	140 U	300 U	11 U	120 U	1200 U	
2,4-Dinitrotoluene	270 U	570 U	21 U	220 U	2200 U	
2,6-Dinitrotoluene	200 U	420 U	15 U	160 U	1600 U	
2-Chloronaphthalene	270 U	570 U	21 U	220 U	2200 U	
2-Methylnaphthalene	1100 J	840 U	81 J	560 J	3300 U	
2-Nitroaniline	2800 J	660 U	24 U	310 J	2600 U	
3-Nitroaniline	5500 J	540 U	56 J	1000 J	2100 U	
4-Bromodiphenyl ether	180 U	390 U	14 U	150 U	1500 U	
4-Chlorophenyl phenyl ether	230 U	480 U	17 U	190 U	1900 U	
4-Nitroaniline	5400 J	1400 J	1100	7200 J	2800 U	
4-Nitrophenol	1200 U	2600 U	92 U	990 U	9900 U	
Acenaphthene	210 U	450 U	16 U	170 U	1700 U	
Acenaphthylene	160 U	330 U	52 J	130 U	1300 U	
Anthracene	170 U	740 JM	51 J	190 J	1400 U	
Benzo[a]anthracene	800 J	450 U	250 J	540 J	1700 U	
Benzo[a]pyrene	230 UM	480 U	260 J	450 J	1900 U	
Benzo[b]fluoranthene	540 UM	1100 U	210 JM	440 U	4400 U	
Benzo[g,h,i]perylene	240 U	510 U	79 J	200 U	2000 U	
Benzo[k]fluoranthene	550 UM	1200 U	270 JM	450 U	4500 U	
Bis(2-chloroethoxy)methane	200 U	420 U	15 U	160 U	1600 U	
Bis(2-chloroethyl)ether	1500 U	3100 U	110 U	1200 U	12000 U	
Bis(2-ethylhexyl)phthalate	510 U	1100 U	52 JM	420 U	4200 U	
Butylbenzyl phthalate	180 U	390 U	14 U	150 U	1500 U	
Chrysene	280 JM	510 U	260 J	440 J	2000 U	
Dibenzo[a,h]anthracene	260 U	540 U	37 JM	210 U	2100 U	
Dibenzofuran	210 U	450 U	16 U	170 U	1700 U	
Diethyl phthalate	240 U	510 U	18 U	200 U	2000 U	
Dimethyl phthalate	210 U	450 U	16 U	170 U	1700 U	
Di-n-butyl phthalate	200 U	420 U	15 U	160 U	1600 U	

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-8B WC-AREA1-1-8C WC-AREA1-1-9A WC-AREA1-1-9B WC-AREA1-1-10				
	Sample Date: 10/08/02	10/08/02	09/11/02	09/11/02	11/07/02
Di-n-octyl phthalate	170 U	360 U	13 U	140 U	1400 U
Di-n-propylnitrosamine	200 U	420 U	15 U	160 U	1600 U
Fluoranthene	340 J	660 UM	330 J	650 J	2600 U
Fluorene	280 U	600 U	22 U	230 U	2300 U
Hexachlorobenzene	270 U	570 U	21 U	220 U	2200 U
Hexachlorobutadiene	470 U	990 U	36 U	380 U	3800 U
Hexachlorocyclopentadiene	640 U	1400 U	49 U	520 U	5200 U
Hexachloroethane	300 U	630 U	23 U	240 U	2400 U
Indeno[1,2,3-cd]pyrene	260 U	540 U	92 J	210 U	2100 U
Isophorone	330 U	690 U	25 U	270 U	2700 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA
Naphthalene	600 JM	960 UM	35 U	370 U	3700 U
Nitrobenzene	350 U	750 U	27 U	290 U	2900 U
N-Nitrosodiphenylamine	3300 J	20000	160 J	4400	7500 J
Pentachlorophenol	610 U	1300 U	46 U	500 U	5000 U
Phenanthrene	340 U	720 UM	110 J	550 JM	2800 U
Phenol	340 U	720 U	26 U	280 U	2800 U
Pyrene	270 U	570 U	350 J	720 J	2200 U

A - Concentration exceeds the instrument calibration range
or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-11 WC-AREA1-1-12 WC-AREA1-1-13 WC-AREA1-1-14 WC-AREA1-1-15				
	Sample Date: 11/07/02	11/07/02	11/21/02	12/11/02	12/11/02
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	290 U	300 U	57 U	250 U	970 J
2,4-Dinitrotoluene	560 U	570 U	110 U	470 U	240 U
2,6-Dinitrotoluene	410 U	420 U	80 U	350 U	180 U
2-Chloronaphthalene	560 U	570 U	110 U	1400 J	240 U
2-Methylnaphthalene	2400 J	840 U	1500 J	690 U	360 U
2-Nitroaniline	650 U	660 U	130 U	540 U	280 U
3-Nitroaniline	2000 J	540 U	100 U	440 U	330 J
4-Bromodiphenyl ether	380 U	390 U	74 U	320 U	170 U
4-Chlorophenyl phenyl ether	470 U	480 U	91 U	400 U	200 U
4-Nitroaniline	33000	720 U	140 U	1300 J	310 J
4-Nitrophenol	2500 U	2500 U	480 U	2100 U	1100 U
Acenaphthene	440 U	450 U	85 U	370 U	190 U
Acenaphthylene	320 U	330 U	63 U	270 U	140 U
Anthracene	350 U	360 U	380 J	300 U	150 U
Benzo[a]anthracene	440 U	450 U	310 J	370 U	190 U
Benzo[a]pyrene	470 U	480 U	250 J	400 U	200 U
Benzo[b]fluoranthene	1100 U	1100 U	260 J	940 U	480 U
Benzo[g,h,i]perylene	500 U	510 U	140 J	420 U	220 U
Benzo[k]fluoranthene	1100 U	1200 U	250 J	960 U	500 U
Bis(2-chloroethoxy)methane	410 U	420 U	80 U	350 U	180 U
Bis(2-chloroethyl)ether	3000 U	3100 U	590 U	2500 U	1300 U
Bis(2-ethylhexyl)phthalate	1100 U	1100 U	200 U	5700 J	460 U
Butylbenzyl phthalate	380 U	390 U	74 U	320 U	170 U
Chrysene	500 U	510 U	340 J	420 U	220 U
Dibenzo[a,h]anthracene	530 U	540 U	100 U	440 U	230 U
Dibenzofuran	440 U	450 U	85 U	370 U	190 U
Diethyl phthalate	500 U	510 U	97 U	420 U	220 U
Dimethyl phthalate	440 U	450 U	85 U	370 U	190 U
Di-n-butyl phthalate	410 U	420 U	80 U	350 U	180 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-11 WC-AREA1-1-12 WC-AREA1-1-13 WC-AREA1-1-14 WC-AREA1-1-15				
	Sample Date: 11/07/02 11/07/02 11/21/02 12/11/02 12/11/02				
Di-n-octyl phthalate	350 U	360 U	68 U	300 U	150 U
Di-n-propylnitrosamine	410 U	420 U	80 U	350 U	180 U
Fluoranthene	650 U	660 U	540 J	540 U	280 U
Fluorene	590 U	600 U	110 U	490 U	250 U
Hexachlorobenzene	560 U	570 U	110 U	470 U	240 U
Hexachlorobutadiene	970 U	980 U	190 U	820 U	420 U
Hexachlorocyclopentadiene	1300 U	1300 U	260 U	1100 U	570 U
Hexachloroethane	620 U	630 U	120 U	520 U	270 U
Indeno[1,2,3-cd]pyrene	530 U	540 U	130 J	440 U	230 U
Isophorone	680 U	690 U	130 U	570 U	290 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA
Naphthalene	1800 J	960 U	180 U	1500 J	480 J
Nitrobenzene	740 U	750 U	140 U	620 U	320 U
N-Nitrosodiphenylamine	49000	480 U	510 J	58000	310 J
Pentachlorophenol	1300 U	1300 U	240 U	1100 U	550 U
Phenanthrene	710 U	720 U	370 J	590 U	310 U
Phenol	2100 J	720 U	140 U	590 U	310 U
Pyrene	560 U	570 U	460 J	470 U	240 U

- A - Concentration exceeds the instrument calibration range
or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-16 WC-AREA1-1-17 WC-AREA1-2-1 WC-AREA1-2-2 WC-AREA1-2-3			
	Sample Date: 12/11/02	12/11/02	08/22/02	09/11/02
1,2,4-Trichlorobenzene	NA	NA	16000 U	24000
1,2-Dichlorobenzene	NA	NA	12000 U	4200 J
1,3-Dichlorobenzene	NA	NA	10000 U	1900 J
1,4-Dichlorobenzene	NA	NA	12000 U	26000 M
2,4,5-Trichlorophenol	390 U	110 U	6400 U	280 U
2,4-Dinitrotoluene	740 U	200 U	12000 U	520 U
2,6-Dinitrotoluene	540 U	150 U	9000 U	390 U
2-Chloronaphthalene	740 U	200 U	12000 U	520 U
2-Methylnaphthalene	1300 J	300 U	30000 J	770 U
2-Nitroaniline	850 U	230 U	14000 U	610 U
3-Nitroaniline	700 U	190 U	12000 U	500 U
4-Bromodiphenyl ether	500 U	140 U	8300 U	360 U
4-Chlorophenyl phenyl ether	620 U	170 U	10000 U	440 U
4-Nitroaniline	930 U	260 U	15000 U	3300 J
4-Nitrophenol	3300 U	910 U	54000 U	2300 U
Acenaphthene	580 U	160 U	9600 U	410 U
Acenaphthylene	430 U	120 U	7000 U	300 U
Anthracene	470 U	860 J	7700 U	330 U
Benzo[a]anthracene	580 U	240 J	9600 U	890 J
Benzo[a]pyrene	620 U	210 J	10000 U	440 U
Benzo[b]fluoranthene	1500 UM	400 UM	24000 U	1000 U
Benzo[g,h,i]perylene	660 U	180 U	11000 U	470 U
Benzo[k]fluoranthene	1500 UM	420 U	25000 U	1100 U
Bis(2-chloroethoxy)methane	540 U	150 U	9000 U	390 U
Bis(2-chloroethyl)ether	4000 U	1100 U	66000 U	2800 U
Bis(2-ethylhexyl)phthalate	1400 U	380 U	23000 U	1100 JM
Butylbenzyl phthalate	500 U	140 U	8300 U	360 U
Chrysene	660 U	320 J	11000 U	470 U
Dibenzo[a,h]anthracene	700 U	190 U	12000 U	500 U
Dibenzofuran	580 U	160 U	9600 U	410 U
Diethyl phthalate	660 U	180 U	11000 U	470 U
Dimethyl phthalate	580 U	160 U	9600 U	410 U
Di-n-butyl phthalate	540 U	150 U	9000 U	390 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-1-16 WC-AREA1-1-17 WC-AREA1-2-1 WC-AREA1-2-2 WC-AREA1-2-3			
	Sample Date: 12/11/02	12/11/02	08/22/02	09/11/02
Di-n-octyl phthalate	470 U	130 U	7700 U	630 U
Di-n-propylnitrosamine	540 U	150 U	9000 U	730 U
Fluoranthene	850 U	430 J	14000 U	11000 J
Fluorene	780 U	210 U	13000 U	1200 J
Hexachlorobenzene	740 U	200 U	12000 U	1000 U
Hexachlorobutadiene	1300 U	350 U	21000 U	1700 U
Hexachlorocyclopentadiene	1700 U	480 U	29000 U	2400 U
Hexachloroethane	810 U	220 U	13000 U	1100 U
Indeno[1,2,3-cd]pyrene	700 U	190 U	12000 U	3000 J
Isophorone	890 U	240 U	15000 U	1200 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA
Naphthalene	1200 UM	340 U	990000	3000 J
Nitrobenzene	970 U	270 U	16000 U	7100 J
N-Nitrosodiphenylamine	4700 J	400 J	470000	13000 J
Pentachlorophenol	1700 U	460 U	28000 U	2300 U
Phenanthrene	930 U	350 J	15000 U	10000 J
Phenol	930 U	260 J	15000 U	1300 U
Pyrene	740 U	380 J	12000 U	10000 J

- A - Concentration exceeds the instrument calibration range
or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-4 WC-AREA1-2-5 WC-AREA1-2-6 WC-AREA1-2-7 WC-AREA1-2-8					
	Sample Date: 09/11/02		09/12/02		09/12/02	
1,2,4-Trichlorobenzene	410 U	640 U	2900 J	14000 M	1200 JM	
1,2-Dichlorobenzene	480 JM	1100 JM	1700 J	1100 JM	610 U	
1,3-Dichlorobenzene	260 U	410 U	460 U	670 JM	1700 JM	
1,4-Dichlorobenzene	310 U	570 J	9700	1600 J	640 U	
2,4,5-Trichlorophenol	170 U	250 U	290 U	320 U	340 U	
2,4-Dinitrotoluene	310 U	480 U	550 U	610 U	640 U	
2,6-Dinitrotoluene	230 U	360 U	400 U	450 U	470 U	
2-Chloronaphthalene	310 U	480 U	550 U	610 U	640 U	
2-Methylnaphthalene	870 J	710 U	1600 J	5400 J	940 U	
2-Nitroaniline	360 U	560 U	630 U	710 U	740 U	
3-Nitroaniline	300 U	460 U	520 U	580 U	610 U	
4-Bromodiphenyl ether	210 U	330 U	370 U	420 U	440 U	
4-Chlorophenyl phenyl ether	260 U	410 U	460 U	520 U	540 U	
4-Nitroaniline	540 J	610 U	29000	1600 J	3500 J	
4-Nitrophenol	1400 U	2200 U	2400 U	2700 U	2900 U	
Acenaphthene	250 U	380 U	430 U	480 U	510 U	
Acenaphthylene	180 U	280 U	320 U	360 U	370 U	
Anthracene	420 JM	310 U	340 U	390 U	400 U	
Benzo[a]anthracene	3000 J	1100 J	430 U	600 J	510 U	
Benzo[a]pyrene	800 J	720 J	460 U	520 U	540 U	
Benzo[b]fluoranthene	740 JM	970 JM	1100 U	1200 U	1300 U	
Benzo[g,h,i]perylene	280 U	430 U	490 U	550 U	570 U	
Benzo[k]fluoranthene	750 J	1300 JM	1100 U	1300 U	1300 U	
Bis(2-chloroethoxy)methane	230 U	360 U	400 U	450 U	470 U	
Bis(2-chloroethyl)ether	1700 U	2600 U	3000 U	3300 U	3500 U	
Bis(2-ethylhexyl)phthalate	600 U	3200 JM	1000 U	1200 U	1200 U	
Butylbenzyl phthalate	210 U	330 U	370 U	420 U	440 U	
Chrysene	790 J	1300 J	490 U	550 U	570 U	
Dibenzo[a,h]anthracene	300 U	460 U	520 U	580 U	610 U	
Dibenzofuran	250 U	380 U	430 U	480 U	510 U	
Diethyl phthalate	280 U	430 U	490 U	550 U	570 U	
Dimethyl phthalate	250 U	380 U	430 U	480 U	510 U	
Di-n-butyl phthalate	230 U	360 U	400 U	450 U	470 U	

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-4 WC-AREA1-2-5 WC-AREA1-2-6 WC-AREA1-2-7 WC-AREA1-2-8			
	Sample Date:		Sample Date:	
	09/11/02	09/12/02	09/12/02	09/12/02
Di-n-octyl phthalate	200 U	310 U	340 U	390 U
Di-n-propylnitrosamine	230 U	360 U	400 U	450 U
Fluoranthene	1200 J	560 U	630 U	710 JM
Fluorene	330 U	510 U	570 U	650 U
Hexachlorobenzene	310 U	480 U	550 U	610 U
Hexachlorobutadiene	550 U	840 U	950 U	1100 U
Hexachlorocyclopentadiene	740 U	1100 U	1300 U	1500 U
Hexachloroethane	350 U	530 U	600 U	680 U
Indeno[1,2,3-cd]pyrene	300 U	460 U	520 U	580 U
Isophorone	380 U	590 U	660 U	740 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA
Naphthalene	530 U	810 U	920 U	1000 U
Nitrobenzene	410 U	640 U	4400 J	810 U
N-Nitrosodiphenylamine	14000	410 U	5700 J	4600 J
Pentachlorophenol	710 U	1100 U	1200 U	1400 U
Phenanthrene	670 JM	1700 J	690 U	780 U
Phenol	400 U	850 J	690 U	1400 J
Pyrene	1200 J	480 U	550 U	800 J

- A - Concentration exceeds the instrument calibration range or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-9 WC-AREA1-2-10 WC-AREA1-2-11 WC-AREA1-2-12 WC-AREA1-2-13				
	Sample Date: 09/12/02	09/12/02	09/23/02	09/23/02	09/23/02
1,2,4-Trichlorobenzene	920 U	6100 J	20000	42000 M	150000
1,2-Dichlorobenzene	14000	13000	130000	150000	240000
1,3-Dichlorobenzene	20000	25000	810 U	1700 U	2000 U
1,4-Dichlorobenzene	3300 J	3000 J	20000	18000 J	38000 J
2,4,5-Trichlorophenol	370 U	310 U	510 U	1000 U	1200 U
2,4-Dinitrotoluene	700 U	590 U	960 U	2000 U	2300 U
2,6-Dinitrotoluene	520 U	430 U	710 U	1500 U	1700 U
2-Chloronaphthalene	700 U	590 U	960 U	2000 U	2300 U
2-Methylnaphthalene	1600 J	2700 J	1400 U	2900 U	5300 JQ
2-Nitroaniline	810 U	680 U	1100 U	2300 U	2700 U
3-Nitroaniline	7700 J	4900 JM	910 U	10000 JQ	2200 U
4-Bromodiphenyl ether	480 U	400 U	660 U	1400 U	1600 U
4-Chlorophenyl phenyl ether	590 U	490 U	810 U	1700 U	2000 U
4-Nitroaniline	4500 J	8000 J	42000 Q	30000 JQ	97000 Q
4-Nitrophenol	3100 U	2600 U	4300 U	8900 U	10000 U
Acenaphthene	550 U	460 U	760 U	1600 U	1800 U
Acenaphthylene	410 U	340 U	560 U	1100 U	1300 U
Anthracene	440 U	370 U	610 U	13000 J	26000 J
Benzo[a]anthracene	550 U	460 U	760 U	1600 U	1800 U
Benzo[a]pyrene	590 U	490 U	810 U	1700 U	2000 U
Benzo[b]fluoranthene	1400 U	1200 U	1900 U	4000 U	4700 U
Benzo[g,h,i]perylene	630 U	530 U	860 U	1800 U	2100 U
Benzo[k]fluoranthene	1400 U	1200 U	2000 U	4100 U	4800 U
Bis(2-chloroethoxy)methane	520 U	430 U	710 U	1500 U	1700 U
Bis(2-chloroethyl)ether	3800 U	3200 U	5200 U	11000 U	13000 U
Bis(2-ethylhexyl)phthalate	1300 U	1100 U	1800 UB	3800 UB	4400 UB
Butylbenzyl phthalate	480 U	400 U	660 U	1400 U	1600 U
Chrysene	630 U	530 U	860 U	1800 U	2100 U
Dibenzo[a,h]anthracene	670 U	560 U	910 U	1900 U	2200 U
Dibenzofuran	550 U	460 U	760 U	1600 U	1800 U
Diethyl phthalate	630 U	530 U	860 U	1800 U	2100 U
Dimethyl phthalate	550 U	460 U	760 U	1600 U	1800 U
Di-n-butyl phthalate	520 U	430 U	710 U	1500 U	1700 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-9 WC-AREA1-2-10 WC-AREA1-2-11 WC-AREA1-2-12 WC-AREA1-2-13				
	Sample Date: 09/12/02 09/12/02 09/23/02 09/23/02 09/23/02				
Di-n-octyl phthalate	440 U	370 U	610 U	1300 U	1500 U
Di-n-propylnitrosamine	520 U	430 U	710 U	1500 U	1700 U
Fluoranthene	810 U	680 U	1100 U	2300 U	2700 U
Fluorene	740 U	620 U	1000 U	2100 U	2500 U
Hexachlorobenzene	700 U	590 U	960 U	2000 U	2300 U
Hexachlorobutadiene	1200 U	1000 U	1700 U	3400 U	4000 U
Hexachlorocyclopentadiene	1700 U	1400 U	2300 U	4700 U	5500 U
Hexachloroethane	780 U	650 U	1100 U	2200 U	2600 U
Indeno[1,2,3-cd]pyrene	670 U	560 U	910 U	1900 U	2200 U
Isophorone	850 U	710 U	1200 U	2400 U	2800 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA
Naphthalene	1200 U	990 U	1600 U	3300 U	3900 U
Nitrobenzene	920 U	770 U	1300 U	2600 U	3100 U
N-Nitrosodiphenylamine	18000	13000	31000	34000 JQ	29000 J
Pentachlorophenol	1600 U	1300 U	2200 U*	4500 U*	5300 U*
Phenanthrene	890 U	740 U	1200 U	2500 U	2900 U
Phenol	890 U	740 U	1200 U	2500 U	2900 U
Pyrene	700 U	590 U	960 U	2000 U	2300 U

- A - Concentration exceeds the instrument calibration range
or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-14 WC-AREA1-2-15 WC-AREA1-2-16 WC-AREA1-2-17 WC-AREA1-2-18			
	Sample Date:		Sample Date:	
	09/23/02	10/15/02	10/15/02	10/15/02
1,2,4-Trichlorobenzene	15000	NA	NA	NA
1,2-Dichlorobenzene	550000 A	NA	NA	NA
1,3-Dichlorobenzene	19000 JM	NA	NA	NA
1,4-Dichlorobenzene	41000 J	NA	NA	NA
2,4,5-Trichlorophenol	1900 U	610 U	570 U	830 U
2,4-Dinitrotoluene	3700 U	1200 U	1100 U	1600 U
2,6-Dinitrotoluene	2700 U	850 U	800 U	1200 U
2-Chloronaphthalene	7600 J	1200 U	29000	170000
2-Methylnaphthalene	5400 U	7500 J	1600 U	24000 JH
2-Nitroaniline	4200 U	1300 U	1300 U	1800 U
3-Nitroaniline	3500 U	6600 J	15000 J	1500 U
4-Bromodiphenyl ether	2500 U	790 U	740 U	1100 U
4-Chlorophenyl phenyl ether	3100 U	970 U	910 U	1300 U
4-Nitroaniline	4600 U	1500 U	1400 U	2000 U
4-Nitrophenol	16000 U	5200 U	4800 U	7100 U
Acenaphthene	2900 U	910 U	860 U	1200 U
Acenaphthylene	2100 U	670 U	630 U	920 U
Anthracene	2300 U	6000 J	7500 J	14000 J
Benzo[a]anthracene	2900 U	3600 J	2200 J	1200 U
Benzo[a]pyrene	3100 U	1800 J	930 J	1300 U
Benzo[b]fluoranthene	7300 U	2300 UM	2200 UM	3200 U
Benzo[g,h,i]perylene	3300 U	1000 U	970 U	1400 U
Benzo[k]fluoranthene	7500 U	2900 JM	2200 UM	3200 U
Bis(2-chloroethoxy)methane	2700 U	850 U	800 U	1200 U
Bis(2-chloroethyl)ether	20000 U	6300 U	5900 U	8600 U
Bis(2-ethylhexyl)phthalate	6900 UB	2200 UMB	2100 UB	3000 UB
Butylbenzyl phthalate	2500 U	790 U	740 U	1100 U
Chrysene	3300 U	2800 J	1800 J	1400 UM
Dibenzo[a,h]anthracene	3500 U	1100 U	1000 U	1500 U
Dibenzofuran	2900 U	910 U	860 U	1200 U
Diethyl phthalate	3300 U	1000 U	970 U	1400 U
Dimethyl phthalate	2900 U	910 U	860 U	1200 U
Di-n-butyl phthalate	2700 U	850 U	800 U	1200 U
				1500 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-14 WC-AREA1-2-15 WC-AREA1-2-16 WC-AREA1-2-17 WC-AREA1-2-18			
	Sample Date: 09/23/02 10/15/02 10/15/02 10/15/02			
Di-n-octyl phthalate	2300 U	730 U	680 U	1000 U
Di-n-propylnitrosamine	2700 U	850 U	800 U	1200 U
Fluoranthene	4200 U	7300 J	5400 J	1800 U
Fluorene	3900 U	1900 J	1100 U	1700 U
Hexachlorobenzene	3700 U	3600 J	1100 U	1600 U
Hexachlorobutadiene	6400 U	2000 U	1900 U	2700 U
Hexachlorocyclopentadiene	8700 U	2700 U	2600 U	3700 U
Hexachloroethane	4000 U	1300 U	1200 U	1700 U
Indeno[1,2,3-cd]pyrene	3500 U	1100 U	1000 UH	1500 U
Isophorone	4400 U	1400 U	1300 U	1900 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA
Naphthalene	6200 U	5600 J	5500 J	45000
Nitrobenzene	4800 U	1500 U	1400 U	2100 U
N-Nitrosodiphenylamine	12000 J	100000	81000	50000
Pentachlorophenol	8300 U*	2600 U	2500 U	3600 U
Phenanthrene	4600 U	9700 J	4800 J	2000 UM
Phenol	4600 U	1500 U	1400 U	4200 JH
Pyrene	3700 U	5200 J	4100 J	1600 U

- A - Concentration exceeds the instrument calibration range
or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-19 WC-AREA1-2-20 WC-AREA1-2-21 WC-AREA1-2-21 WC-AREA1-2-21					DIL	
	10/15/02	10/15/02	10/15/02	12/30/02	12/30/02		
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA		68 H
1,2-Dichlorobenzene	NA	NA	NA	NA	NA		3 J
1,3-Dichlorobenzene	NA	NA	NA	NA	NA		16 M
1,4-Dichlorobenzene	NA	NA	NA	NA	NA		6 JM
2,4,5-Trichlorophenol	1900 U	490 JM	56 U	56 U	56 U		NA
2,4-Dinitrotoluene	3700 U	520 U	110 U	110 U	110 U		NA
2,6-Dinitrotoluene	2700 U	380 U	79 U	79 U	79 U		NA
2-Chloronaphthalene	3700 U	520 U	1400 JH	1400 JH	1400 JH		NA
2-Methylnaphthalene	5400 U	760 U	160 U	160 U	160 U		NA
2-Nitroaniline	4300 U	8100 J	570 JH	570 JH	570 JH		NA
3-Nitroaniline	3500 U	4700 J	100 U	100 U	100 U		NA
4-Bromodiphenyl ether	2500 U	350 U	73 U	73 U	73 U		NA
4-Chlorophenyl phenyl ether	3100 U	440 U	90 U	90 U	90 U		NA
4-Nitroaniline	12000 J	650 U	240 JH	240 JH	240 JH		NA
4-Nitrophenol	16000 U	2300 U	480 U	480 U	480 U		NA
Acenaphthene	2900 U	410 U	84 U	84 U	84 U		NA
Acenaphthylene	2100 U	300 U	62 U	62 U	62 U		NA
Anthracene	2300 UM	9100	100 J	100 J	100 J		NA
Benzo[a]anthracene	2900 UM	610 J	84 U	84 U	84 U		NA
Benzo[a]pyrene	3100 U	440 U	90 U	90 U	90 U		NA
Benzo[b]fluoranthene	7400 U	1000 U	210 U	210 U	210 U		NA
Benzo[g,h,i]perylene	3300 U	460 U	96 U	96 U	96 U		NA
Benzo[k]fluoranthene	7600 U	1100 U	220 U	220 U	220 U		NA
Bis(2-chloroethoxy)methane	2700 U	380 U	79 U	79 U	79 U		NA
Bis(2-chloroethyl)ether	20000 U	2800 U	580 U	580 U	580 U		NA
Bis(2-ethylhexyl)phthalate	7000 UB	1700 JB	200 U	200 U	200 U		NA
Butylbenzyl phthalate	2500 U	350 U	73 U	73 U	73 U		NA
Chrysene	3300 UM	460 U	96 U	96 U	96 U		NA
Dibenzo[a,h]anthracene	3500 U	490 U	100 U	100 U	100 U		NA
Dibenzofuran	2900 U	410 U	84 U	84 U	84 U		NA
Diethyl phthalate	3300 U	460 U	96 U	96 U	96 U		NA
Dimethyl phthalate	2900 U	410 U	84 U	84 U	84 U		NA
Di-n-butyl phthalate	2700 U	380 U	110 J	110 J	110 J		NA

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA1-2-19 WC-AREA1-2-20 WC-AREA1-2-21 WC-AREA1-2-21 WC-AREA1-2-21					
	Sample Date:		Sample Date:		Sample Date:	
	10/15/02	10/15/02	10/15/02	12/30/02	12/30/02	12/30/02
				DIL		
Di-n-octyl phthalate	2300 U	330 U	68 U		68 U	NA
Di-n-propylnitrosamine	2700 U	380 U	NA		79 U	NA
Fluoranthene	4300 U	600 U	120 U		120 U	NA
Fluorene	3900 U	540 U	110 U		110 U	NA
Hexachlorobenzene	3700 U	520 U	110 U		110 U	NA
Hexachlorobutadiene	6400 U	900 U	190 U		190 U	NA
Hexachlorocyclopentadiene	8700 U	1200 U	250 U		250 U	NA
Hexachloroethane	4100 U	570 U	120 U		120 U	NA
Indeno[1,2,3-cd]pyrene	3500 U	490 U	100 U		100 U	NA
Isophorone	4500 U	630 U	130 U		130 U	NA
n-Nitroso-di-n-propylamine	NA	NA	79 U		NA	NA
Naphthalene	6200 U	1200 J	180 UM		180 UM	NA
Nitrobenzene	480000	680 U	140 U		140 U	NA
N-Nitrosodiphenylamine	15000 J	58000	1600 J		1600 J	NA
Pentachlorophenol	8300 U	1200 U	240 U		240 U	NA
Phenanthrene	4700 UM	650 UH	140 UM		140 UM	NA
Phenol	7900 JH	650 U	140 U		140 U	NA
Pyrene	3700 U	520 U	110 U		110 U	NA

A - Concentration exceeds the instrument calibration range
or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-1-1 WC-AREA4A-1-2 WC-AREA4A-1-3 WC-AREA4A-1-4 WC-AREA4A-1-5				
	Sample Date: 10/30/02 10/30/02 10/30/02 11/21/02 11/21/02				
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	11 U	11 U	11 U	43 U	44 U
2,4-Dinitrotoluene	20 U	21 U	22 U	82 U	84 U
2,6-Dinitrotoluene	15 U	15 U	16 U	61 U	62 U
2-Chloronaphthalene	20 U	21 U	22 U	82 U	84 U
2-Methylnaphthalene	30 U	31 U	95 J	120 U	120 U
2-Nitroaniline	23 U	24 U	25 U	95 U	97 U
3-Nitroaniline	19 U	20 U	21 U	78 U	79 U
4-Bromodiphenyl ether	14 U	14 U	15 U	56 U	57 U
4-Chlorophenyl phenyl ether	17 U	18 U	18 U	69 U	70 U
4-Nitroaniline	25 U	26 U	27 U	100 U	110 U
4-Nitrophenol	90 U	93 U	97 U	370 U	370 U
Acenaphthene	16 U	16 U	44 J	65 U	66 U
Acenaphthylene	35 JM	12 U	13 U	48 U	48 U
Anthracene	77 JM	42 JM	60 JM	52 U	53 U
Benzo[a]anthracene	210 J	180 JM	150 J	65 U	66 U
Benzo[a]pyrene	190 J	190 J	170 J	69 U	70 U
Benzo[b]fluoranthene	180 JM	100 JM	120 JM	160 UM	170 U
Benzo[g,h,i]perylene	130 J	83 J	65 J	74 U	75 U
Benzo[k]fluoranthene	200 JM	160 JM	130 JM	170 UM	170 U
Bis(2-chloroethoxy)methane	15 U	15 U	16 U	61 U	62 U
Bis(2-chloroethyl)ether	110 U	110 U	120 U	450 U	450 U
Bis(2-ethylhexyl)phthalate	130 JMB	210 JMB	300 JMB	180 JMB	160 UMB
Butylbenzyl phthalate	14 U	14 U	15 U	56 U	57 U
Chrysene	220 J	190 J	170 J	74 U	75 U
Dibenzo[a,h]anthracene	19 U	20 U	21 U	78 U	79 U
Dibenzofuran	16 U	16 U	17 U	65 U	66 U
Diethyl phthalate	18 U	19 U	19 U	74 U	75 U
Dimethyl phthalate	16 U	16 U	17 U	65 U	66 U
Di-n-butyl phthalate	15 U	15 U	16 U	61 U	62 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-1-1 WC-AREA4A-1-2 WC-AREA4A-1-3 WC-AREA4A-1-4 WC-AREA4A-1-5				
	Sample Date: 10/30/02 10/30/02 10/30/02 11/21/02 11/21/02				
Di-n-octyl phthalate	13 U	13 U	14 U	52 U	53 U
Di-n-propylnitrosamine	15 U	15 U	16 U	61 U	62 U
Fluoranthene	400	270 J	290 J	95 UM	97 UM
Fluorene	21 U	22 U	63 J	87 U	88 U
Hexachlorobenzene	20 U	21 U	22 U	82 U	84 U
Hexachlorobutadiene	35 U	36 U	38 U	140 U	150 U
Hexachlorocyclopentadiene	48 U	49 U	51 U	190 U	200 U
Hexachloroethane	22 U	23 U	24 U	91 U	93 U
Indeno[1,2,3-cd]pyrene	130 J	81 J	66 J	78 U	79 U
Isophorone	24 U	25 U	26 U	100 U	100 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA
Naphthalene	34 U	35 U	37 UM	140 U	140 U
Nitrobenzene	27 U	27 U	29 U	110 U	110 U
N-Nitrosodiphenylamine	17 U	590	1600	370 J	480 J
Pentachlorophenol	46 U	47 U	49 U	190 U	190 U
Phenanthrene	250 J	100 J	280 J	100 U	110 U
Phenol	25 U	26 U	27 U	100 U	110 U
Pyrene	370	250 J	270 J	87 JM	84 UM

A - Concentration exceeds the instrument calibration range
or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-1-6 WC-AREA4A-1-7 WC-AREA4A-1-8 WC-AREA4A-1-9 WC-AREA4A-2-1				
	Sample Date: 11/21/02	11/21/02	12/02/02	12/02/02	11/21/02
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	48 U	48 U	51 U	42 U	55 U
2,4-Dinitrotoluene	90 U	91 U	98 U	81 U	100 U
2,6-Dinitrotoluene	67 U	67 U	72 U	59 U	77 U
2-Chloronaphthalene	90 U	91 U	98 U	81 U	100 U
2-Methylnaphthalene	130 U	130 U	140 U	120 U	150 U
2-Nitroaniline	100 U	110 U	110 U	93 U	120 U
3-Nitroaniline	86 U	86 U	92 U	76 U	99 U
4-Bromodiphenyl ether	62 U	62 U	67 U	55 U	71 U
4-Chlorophenyl phenyl ether	76 U	77 U	82 U	68 U	88 U
4-Nitroaniline	110 U	110 U	120 U	100 U	130 U
4-Nitrophenol	400 U	410 U	440 U	360 U	470 U
Acenaphthene	71 U	72 U	230 J	100 J	82 U
Acenaphthylene	52 U	53 U	57 U	47 U	60 U
Anthracene	57 U	57 U	640 JH	360 J	66 U
Benzo[a]anthracene	71 U	72 U	1200 J	960 J	82 U
Benzo[a]pyrene	76 U	77 U	940 J	760 J	88 U
Benzo[b]fluoranthene	180 U	180 U	800 J	730 J	210 UM
Benzo[g,h,i]perylene	81 U	81 U	590 J	530 J	93 U
Benzo[k]fluoranthene	190 U	190 U	930 J	790 J	210 UM
Bis(2-chloroethoxy)methane	67 U	67 U	72 U	59 U	77 U
Bis(2-chloroethyl)ether	490 U	490 U	530 U	440 U	560 U
Bis(2-ethylhexyl)phthalate	170 U	280 JB	180 UM	150 UM	200 U
Butylbenzyl phthalate	62 U	62 U	67 U	55 U	71 U
Chrysene	81 U	81 U	1200 J	1000 J	93 U
Dibenzo[a,h]anthracene	86 U	86 U	92 U	76 U	99 U
Dibenzofuran	71 U	72 U	220 J	99 J	82 U
Diethyl phthalate	81 U	81 U	87 U	72 U	93 U
Dimethyl phthalate	71 U	72 U	77 U	64 U	82 U
Di-n-butyl phthalate	67 U	67 U	72 U	59 U	77 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-1-6 WC-AREA4A-1-7 WC-AREA4A-1-8 WC-AREA4A-1-9 WC-AREA4A-2-1					
	Sample Date: 11/21/02		11/21/02		12/02/02	
Di-n-octyl phthalate	57 U	57 U	62 U	51 U	66 U	
Di-n-propylnitrosamine	67 U	67 U	72 U	59 U	77 U	
Fluoranthene	100 UM	110 UM	2300	2200	120 UM	
Fluorene	95 U	96 U	240 J	120 J	110 U	
Hexachlorobenzene	90 U	91 U	98 U	81 U	100 U	
Hexachlorobutadiene	160 U	160 U	170 U	140 U	180 U	
Hexachlorocyclopentadiene	210 U	220 U	230 U	190 U	250 U	
Hexachloroethane	100 U	100 U	110 U	89 U	110 U	
Indeno[1,2,3-cd]pyrene	86 U	86 U	530 J	500 J	99 U	
Isophorone	110 U	110 U	120 U	98 U	130 U	
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	
Naphthalene	150 U	150 U	180 JM	140 UM	180 U	
Nitrobenzene	120 U	120 U	130 U	110 U	140 U	
N-Nitrosodiphenylamine	710 J	310 J	450 J	68 UM	1900	
Pentachlorophenol	200 U	210 U	220 U	180 U	240 U	
Phenanthrene	110 U	110 U	2400	1800	130 U	
Phenol	110 U	110 U	120 U	100 U	130 U	
Pyrene	90 UM	91 UM	2100	1900	100 UM	

- A - Concentration exceeds the instrument calibration range
or below the reporting limit
- B - Analyte detected in laboratory blank
- H - Alternate peak selection upon analytical review
- J - Estimated value
- M - Manually integrated compound
- U - Indicates that the compound was analyzed for but not detected
- NA - Not analyzed
- µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-2-2 WC-AREA4A-2-3 WC-AREA4A-2-4 WC-AREA4A-2-5 WC-AREA4A-2-6				
	Sample Date: 11/21/02 12/02/02 12/02/02 12/02/02 12/02/02				
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	50 U	110 U	61 U	120 U	52 U
2,4-Dinitrotoluene	160 J	420 JM	120 U	220 U	99 U
2,6-Dinitrotoluene	70 U	150 U	86 U	160 U	73 U
2-Chloronaphthalene	95 U	200 U	120 U	220 U	99 U
2-Methylnaphthalene	140 U	290 U	170 U	330 U	150 U
2-Nitroaniline	110 U	230 U	130 U	260 U	110 U
3-Nitroaniline	90 U	190 U	110 U	210 U	94 U
4-Bromodiphenyl ether	65 U	140 U	80 U	150 U	68 U
4-Chlorophenyl phenyl ether	80 U	170 U	98 U	190 U	84 U
4-Nitroaniline	120 U	250 U	150 U	280 U	130 U
4-Nitrophenol	420 U	890 U	520 U	990 U	440 U
Acenaphthene	75 U	160 U	92 U	170 U	78 U
Acenaphthylene	55 U	120 U	67 U	130 U	57 U
Anthracene	60 UM	130 U	73 U	140 U	63 U
Benzo[a]anthracene	160 J	200 JM	92 U	300 JM	140 J
Benzo[a]pyrene	210 J	180 JM	98 U	330 JM	120 JM
Benzo[b]fluoranthene	190 U	400 UM	230 U	440 UM	200 UM
Benzo[g,h,i]perylene	95 J	180 U	100 U	250 JM	89 UM
Benzo[k]fluoranthene	200 J	410 UM	240 U	450 UM	200 UM
Bis(2-chloroethoxy)methane	70 U	150 U	86 U	160 U	73 U
Bis(2-chloroethyl)ether	510 U	1100 U	630 U	1200 U	540 U
Bis(2-ethylhexyl)phthalate	210 JB	400 JM	220 U	420 U	190 UM
Butylbenzyl phthalate	65 U	140 U	80 U	150 U	68 U
Chrysene	170 J	260 JM	100 U	320 J	150 JM
Dibenzo[a,h]anthracene	90 U	190 U	110 U	210 U	94 U
Dibenzofuran	75 U	160 U	92 U	170 U	78 U
Diethyl phthalate	85 U	180 U	100 U	200 U	89 U
Dimethyl phthalate	75 U	160 U	92 U	170 U	78 U
Di-n-butyl phthalate	70 U	150 U	86 U	160 U	73 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-2-2 WC-AREA4A-2-3 WC-AREA4A-2-4 WC-AREA4A-2-5 WC-AREA4A-2-6					
	Sample Date: 11/21/02		12/02/02		12/02/02	
Di-n-octyl phthalate	60 U	130 U	73 U	140 U	63 U	
Di-n-propylnitrosamine	70 U	150 U	86 U	160 U	73 U	
Fluoranthene	240 J	290 JM	130 UM	380 JM	180 JM	
Fluorene	100 U	210 U	120 U	230 U	100 U	
Hexachlorobenzene	95 U	200 U	120 U	220 U	99 U	
Hexachlorobutadiene	160 U	350 U	200 U	380 U	170 U	
Hexachlorocyclopentadiene	220 U	470 U	280 U	520 U	240 U	
Hexachloroethane	100 U	220 U	130 U	240 U	110 U	
Indeno[1,2,3-cd]pyrene	99 J	190 U	110 U	210 UM	94 UM	
Isophorone	110 U	240 U	140 U	270 U	120 U	
n-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	
Naphthalene	160 U	340 U	200 U	370 U	170 U	
Nitrobenzene	120 U	260 U	150 U	290 U	130 U	
N-Nitrosodiphenylamine	800 J	2500 J	4900	2600 J	280 J	
Pentachlorophenol	210 U	450 U	260 U	500 U	220 U	
Phenanthrene	120 UM	250 UM	150 U	280 U	130 UM	
Phenol	120 U	250 U	150 UM	280 U	130 U	
Pyrene	210 J	260 JM	120 UM	430 JM	180 JM	

A - Concentration exceeds the instrument calibration range
or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-2-7 WC-AREA4A-2-8 WC-AREA4B-1-1 WC-AREA4B-1-2			
	Sample Date: 12/02/02		09/23/02	
1,2,4-Trichlorobenzene	NA	NA	27 U	110 U
1,2-Dichlorobenzene	NA	NA	19 U	80 U
1,3-Dichlorobenzene	NA	NA	17 U	71 U
1,4-Dichlorobenzene	NA	NA	20 U	84 U
2,4,5-Trichlorophenol	120 U	43 U	11 U	44 U
2,4-Dinitrotoluene	230 U	82 U	20 U	84 U
2,6-Dinitrotoluene	170 U	61 U	15 U	62 U
2-Chloronaphthalene	230 U	82 U	20 U	84 U
2-Methylnaphthalene	330 U	120 U	30 U	120 U
2-Nitroaniline	260 U	95 U	23 U	97 U
3-Nitroaniline	210 U	78 U	19 U	80 U
4-Bromodiphenyl ether	150 U	56 U	14 U	58 U
4-Chlorophenyl phenyl ether	190 U	69 U	17 U	71 U
4-Nitroaniline	290 U	100 U	26 U	110 U
4-Nitrophenol	1000 U	370 U	91 U	380 U
Acenaphthene	180 U	65 U	16 U	66 U
Acenaphthylene	130 U	48 U	12 U	49 U
Anthracene	140 U	68 J	190 JM	7300 M
Benzo[a]anthracene	180 UM	210 J	370	460 J
Benzo[a]pyrene	190 U	170 J	350 J	550 J
Benzo[b]fluoranthene	450 UM	160 UM	290 JM	530 JM
Benzo[g,h,i]perylene	200 U	110 JM	210 J	300 J
Benzo[k]fluoranthene	460 UM	170 UM	380 M	540 JM
Bis(2-chloroethoxy)methane	170 U	61 U	15 U	62 U
Bis(2-chloroethyl)ether	1200 U	450 U	110 U	460 U
Bis(2-ethylhexyl)phthalate	430 U	420 J	230 JMB	330 JMB
Butylbenzyl phthalate	150 U	56 U	14 U	58 U
Chrysene	200 UM	240 J	410	640 J
Dibenzo[a,h]anthracene	210 U	78 U	110 JM	140 JM
Dibenzofuran	180 U	65 U	16 U	66 U
Diethyl phthalate	200 U	73 U	18 U	75 U
Dimethyl phthalate	180 U	65 U	16 U	66 U
Di-n-butyl phthalate	170 U	61 U	15 U	62 U

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-AREA4A-2-7 WC-AREA4A-2-8 WC-AREA4B-1-1 WC-AREA4B-1-2			
	Sample Date:		Sample Date:	
	12/02/02	12/02/02	09/23/02	09/23/02
Di-n-octyl phthalate	140 U	52 U	13 U	53 U
Di-n-propylnitrosamine	170 U	61 U	15 U	62 U
Fluoranthene	260 UM	420 J	590	830 JM
Fluorene	240 U	86 UM	21 U	89 U
Hexachlorobenzene	230 U	82 U	20 U	84 U
Hexachlorobutadiene	390 U	140 U	35 U	150 U
Hexachlorocyclopentadiene	540 U	190 U	48 U	200 U
Hexachloroethane	250 U	91 U	22 U	93 U
Indeno[1,2,3-cd]pyrene	210 U	97 J	230 J	340 J
Isophorone	270 U	99 U	25 U	100 U
n-Nitroso-di-n-propylamine	NA	NA	NA	NA
Naphthalene	380 U	140 U	34 U	140 U
Nitrobenzene	300 U	110 U	27 U	110 U
N-Nitrosodiphenylamine	4700	69 U	73 J	640 J
Pentachlorophenol	510 U	190 U	46 U*	190 U*
Phenanthrene	290 U	360 J	210 J	470 J
Phenol	290 U	100 U	26 U	110 U
Pyrene	230 UM	390 J	560	860 J

A - Concentration exceeds the instrument calibration range
or below the reporting limit

B - Analyte detected in laboratory blank

H - Alternate peak selection upon analytical review

J - Estimated value

M - Manually integrated compound

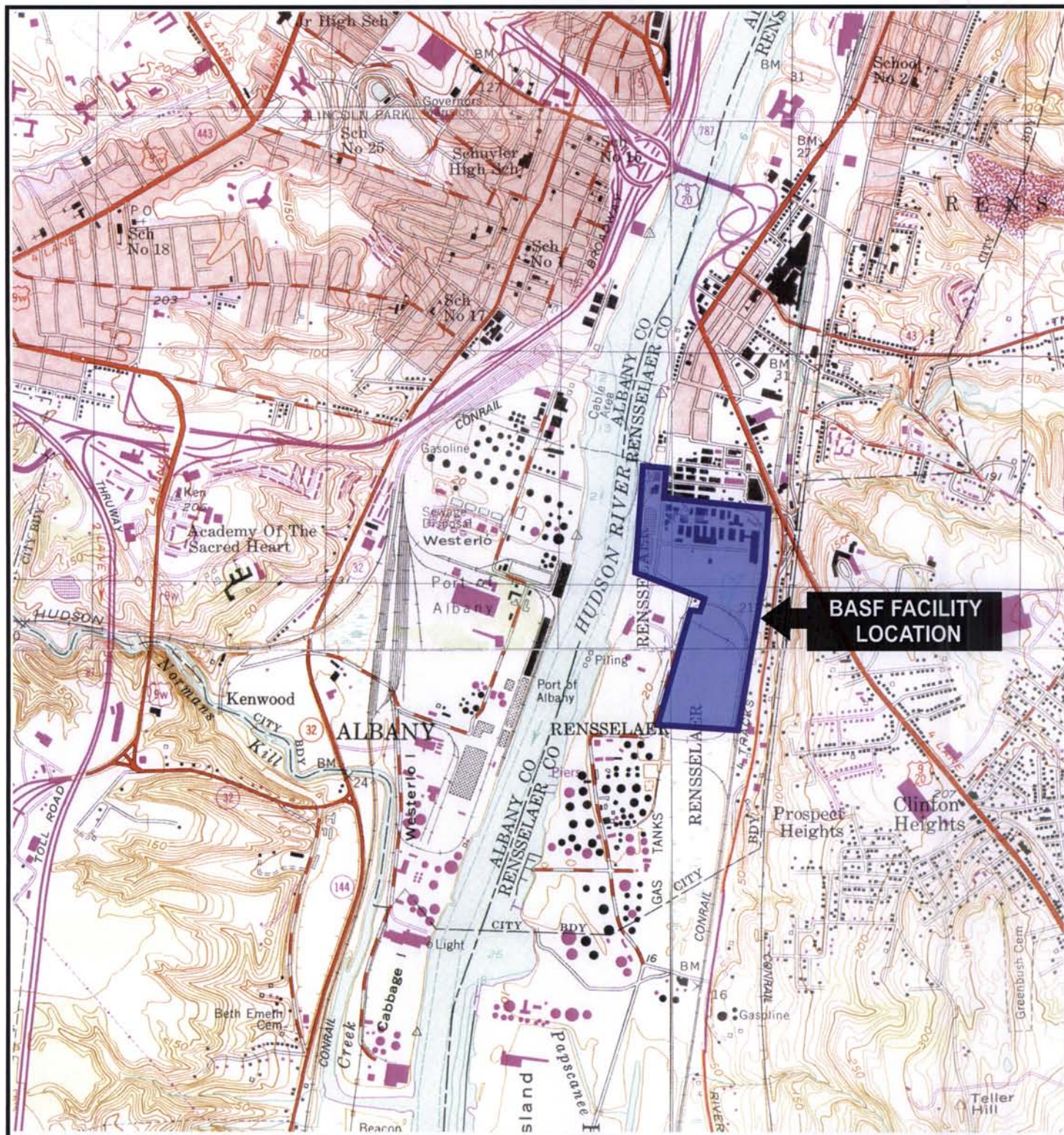
U - Indicates that the compound was analyzed for but not detected

NA - Not analyzed

µg/kg - Micrograms per kilogram

Table 7. Summary of Semivolatile Organic Compounds Detected in Waste Characterization Soil Samples, BASF Corporation, Rensselaer, New York

Parameter (Concentrations in µg/kg)	Sample Designation: WC-BLDG84-SOIL-1A WC-BLDG84-SOIL-1B WC-BLDG84-SOIL-2 WC-BLDG87-SOIL-1A			
	Sample Date: 08/05/03		Sample Date: 10/28/03	
	DIL	DIL	DIL	DIL
1,2,4-Trichlorobenzene	180	NA	38000	230000
1,2-Dichlorobenzene	210	NA	1200000	8600
1,3-Dichlorobenzene	160	NA	37000	930 J
1,4-Dichlorobenzene	25 J	NA	140000	960 J
2,4,5-Trichlorophenol	NA	940 U	190 U	NA
2,4-Dinitrotoluene	NA	1800 U	370 U	NA
2,6-Dinitrotoluene	NA	1300 U	270 U	NA
2-Chloronaphthalene	NA	1800 U	370 U	NA
2-Methylnaphthalene	NA	2600 U	800 J	NA
2-Nitroaniline	NA	2100 U	420 U	NA
3-Nitroaniline	NA	110000 J	1800 J	NA
4-Bromodiphenyl ether	NA	1200 U	250 U	NA
4-Chlorophenyl phenyl ether	NA	1500 U	310 U	NA
4-Nitroaniline	NA	170000	15000	NA
4-Nitrophenol	NA	8000 U	1600 U	NA
Acenaphthene	NA	1400 U	290 U	NA
Acenaphthylene	NA	1000 U	210 U	NA
Anthracene	NA	1100 U	240 JM	NA
Benzo[a]anthracene	NA	1400 U	420 J	NA
Benzo[a]pyrene	NA	1500 U	310 U	NA
Benzo[b]fluoranthene	NA	3600 U	730 U	NA
Benzo[g,h,i]perylene	NA	1600 U	330 U	NA
Benzo[k]fluoranthene	NA	3700 U	750 U	NA
Bis(2-chloroethoxy)methane	NA	1300 U	270 U	NA
Bis(2-chloroethyl)ether	NA	9700 U	2000 U	NA
Bis(2-ethylhexyl)phthalate	NA	93000	4100 J	NA
Butylbenzyl phthalate	NA	1200 U	250 U	NA
Chrysene	NA	1600 U	360 J	NA
Dibenzo[a,h]anthracene	NA	1700 U	350 U	NA
Dibenzofuran	NA	1400 U	290 U	NA
Diethyl phthalate	NA	1600 U	330 U	NA
Dimethyl phthalate	NA	1400 U	290 U	NA
Di-n-butyl phthalate	NA	1300 U	270 U	NA



QUADRANGLE LOCATION



SOURCE:
 USGS; 1980. Albany, New York;
 USGS; 1980. Troy South, New York
 USGS; 1980. Delmar, New York
 USGS; 1980. East Greenbush, New York
 7.5 Minute Topographic Quadrangles

0 2000'

Title:

SITE LOCATION MAP

Prepared for:

BASF CORPORATION
 FLORHAM PARK, NEW JERSEY

ROUX
 ROUX ASSOCIATES, INC.
 Environmental Consulting
 & Management

Compiled by: O.R.	Date: 24NOV04	FIGURE 1
Prepared by: O.R.	Scale: AS SHOWN	
Project Mgr.: O.R.	Office: NY	
File No.: BF1130302.CDR	Project No.: 25111Y11	

R.14,00

500

693-1

HUDSON RIVER

ORGANICHEM

BUILDING 39

BASF CORPORATION
MAIN PLANT

LAGOON
AREA

PARKING
AREA

CLOSED
LANDFILL

COASTAL
CORPORATION

SOUTH
40

450' 0 450'

SITE AREAS

RENSSELAER, NEW YORK FACILITY

Prepared For:

BASF CORPORATION
FLORHAM PARK, NEW JERSEY

ROUX

ROUX ASSOCIATES INC
Environmental Consulting
& Management

Compiled by: S.S.

Prepared by: S.S.

Project Mgr: O.R.

File No: BF1130303.WOR

Date: 11/24/04

Scale: AS SHOWN

Office: NY

Project: BF25111Y11

FIGURE

2

AERIAL PHOTOGRAPH DATE : APRIL 14, 2000



LEGEND

- EXISTING BUILDING
- FORMER BUILDING
- FORMER, EXISTING OR ALLEGED UNDERGROUND/ABOVE GRADE TANK OR PIT
- BARBED WIRE FENCE
- CHAINLINK FENCE
- GUARDRAIL
- RAILROAD
- PROPERTY LINE
- SHRUB
- TREE

MAP REFERENCES

1. "TOPOGRAPHIC SURVEY OF LANDS NOW OR FORMERLY OF BASF WYANDOTTE, CORPORATION, PREPARED FOR BESICORP-EMPIRE DEVELOPMENT, LLC." PREPARED BY C.T. MALE ASSOCIATES, P.C., LATHAM, N.Y. BEARING DRAWING NO. 01-109, LAST REVISED FEBRUARY 9, 2001.

GENERAL NOTES

1. NORTH ORIENTATION AND COORDINATE DATUM ARE BASED ON THE EASTERN ZONE OF THE NEW YORK STATE PLANE COORDINATE SYSTEM AS ESTABLISHED BY DIFFERENTIAL C.P.S. METHODS ORIGINATING FROM MONUMENTS VAN RENSSELAER AND LANSING (MAD 27).
2. DATA SHOWN HEREON IS THE RESULT OF CONTROLLED AERIAL PHOTOGRAPHY OBTAINED BY THE FIRM OF COL-EAST, INC. FROM AERIAL PHOTOGRAPHY ACQUIRED APRIL 14, 2000, IN CONJUNCTION WITH CONTROL PROVIDED BY THE UNDERSIGNED.
3. VERTICAL DATUM FOR THIS PROJECT IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D. 1929).
4. UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM DATA OBTAINED FROM PREVIOUS MAPS AND RECORD DRAWINGS. THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCES OF WHICH ARE NOT KNOWN TO THE UNDERSIGNED. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES. THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION MUST BE NOTIFIED PRIOR TO CONDUCTING TEST BORINGS, EXCAVATION AND CONSTRUCTION.



Title:

PRE-EXCAVATION SITE PLAN

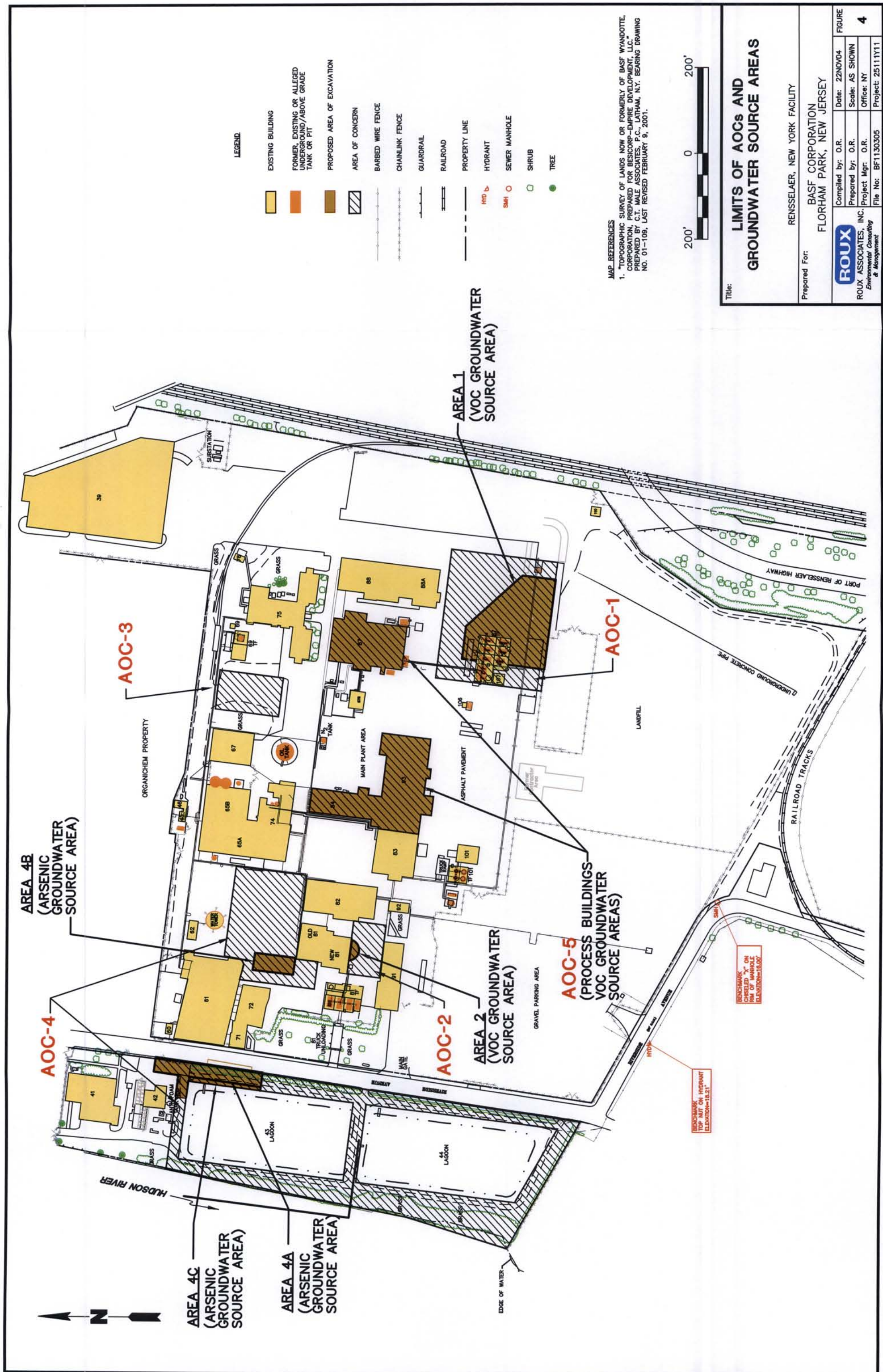
RENSELAER, NEW YORK FACILITY

BASF CORPORATION
FLORHAM PARK, NEW JERSEY



ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

Compiled by: O.R.	Date: 22NOV04	FIGURE
Prepared by: O.R.	Scale: AS SHOWN	3
Project Mgr: O.R.	Office: NY	
File No: BF1130304	Project: 2511Y11	



MAP REFERENCES
1. TOPOGRAPHIC SURVEY OF LANDS NOW OR FORMERLY OF BASF WYANDOTTE CORPORATION, PREPARED FOR BESICOR-EMPIRE DEVELOPMENT, LLC, PREPARED BY: C.T. MALE ASSOCIATES, P.C., LATHAM, N.Y. BEARING DRAWING NO. 01-109, LAST REVISED FEBRUARY 9, 2001.

Title:

LIMITS OF AOCs AND
GROUNDWATER SOURCE AREAS

Prepared For:

RENSELAE, NEW YORK FACILITY
BASF CORPORATION
FLORHAM PARK, NEW JERSEY

Compiled by:

O.R.

Prepared by:

O.R.

Project Mgr:

O.R.

File No:

BF1130305

Date:

22NOV04

Scale:

AS SHOWN

Office:

NY

Project:

25111Y11

FIGURE

4



LEGEND

- EXISTING BUILDING
- FORMER, EXISTING OR ALLEGED UNDERGROUND/ABOVE GRADE TANK OR PIT
- AREA OF REMEDIATION
- BARBED WIRE FENCE
- CHAINLINK FENCE
- GUARDRAIL
- RAILROAD
- PROPERTY LINE
- GCS TRENCH
- SHRUB
- TREE

MAP REFERENCES

1. TOPOGRAPHIC SURVEY OF LANDS NOW OR FORMERLY OF BASF WYANDOTTE, CORPORATION, PREPARED FOR BESICORP-EMPIRE DEVELOPMENT, LLC, PREPARED BY C.T. WALK ASSOCIATES, P.C., LATHAM, N.Y. BEARING DRAWING NO. 01-108, LAST REVISED FEBRUARY 9, 2001.



Title:

POST-EXCAVATION SITE PLAN

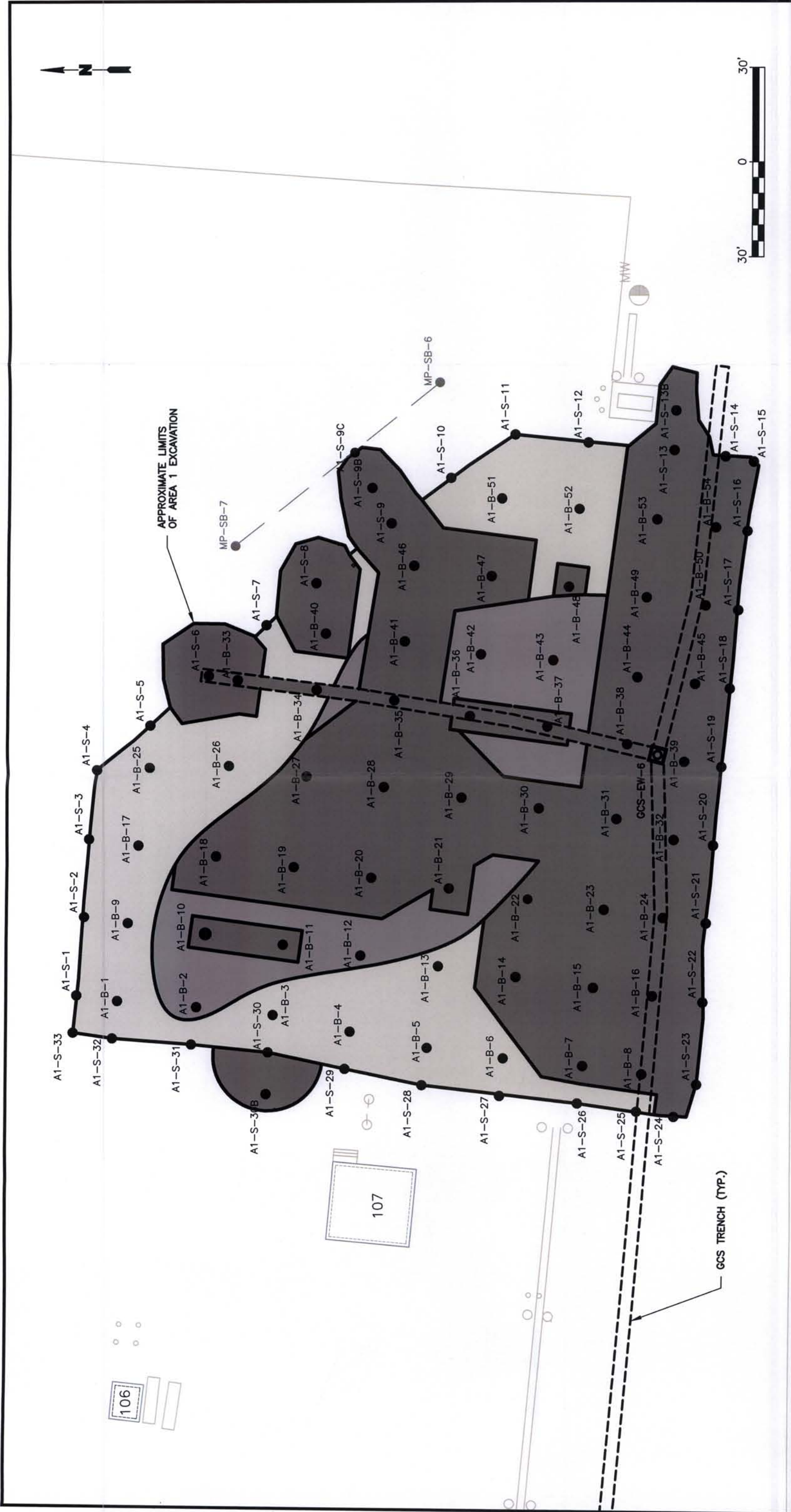
RENSELAER, NEW YORK FACILITY

Prepared For: BASF CORPORATION
FLORHAM PARK, NEW JERSEY



ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

Compiled by: O.R.	Date: 22NOV04	FIGURE
Prepared by: O.R.	Scale: AS SHOWN	5
Project Mgr: O.R.	Office: NY	
File No: BF1130306	Project: 2511Y11	



LEGEND

- EXCAVATION TO APPROXIMATELY 4' BELOW LAND SURFACE
- EXCAVATION TO APPROXIMATELY 6.5' BELOW LAND SURFACE
- EXCAVATION TO APPROXIMATELY 1' BELOW THE WATER TABLE (SEE NOTE 1)

- A1-B-20 LOCATION AND DESIGNATION OF POST-EXCAVATION BOTTOM SAMPLE
- A1-S-20 LOCATION AND DESIGNATION OF POST-EXCAVATION SIDEWALL SAMPLE
- MP-SB-7 LOCATION AND DESIGNATION OF REMEDIAL INVESTIGATION SOIL SAMPLE IN WHICH VOC RESULTS DID NOT EXCEED NYSDEC RSCOS

NOTE(S):

- 1. WATER TABLE ELEVATION WAS APPROXIMATELY 6.0 TO 7.0 FEET BELOW LAND SURFACE.

Title:

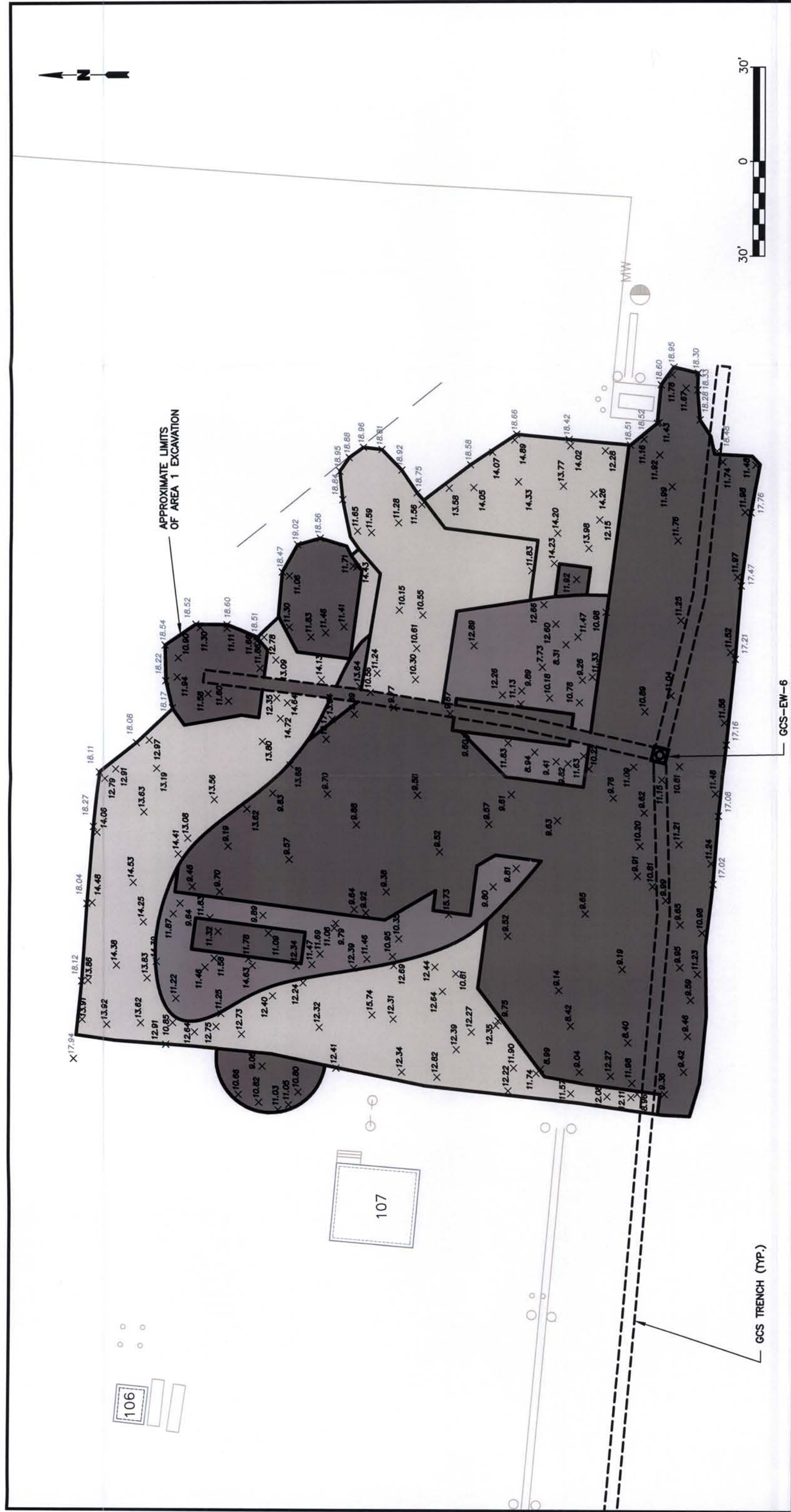
POST-EXCAVATION SOIL SAMPLING
LOCATION PLAN FOR AREA 1

Prepared For: BASF CORPORATION
RENSELAER, NEW YORK FACILITY
FLORHAM PARK, NEW JERSEY



ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: O.R.	Date: 22NOV04	FIGURE
Prepared by: O.R.	Scale: AS SHOWN	
Project Mgr: O.R.	Office: NY	6
File No: BF1130301	Project: 25111Y11	



LEGEND:

- EXCAVATION FROM 0 TO 4 FEET BELOW LAND SURFACE
- EXCAVATION FROM 0 TO 6.5 FEET BELOW LAND SURFACE
- EXCAVATION TO APPROXIMATELY 1' BELOW THE WATER TABLE (SEE NOTE 1)

NOTE(S):

- WATER TABLE ELEVATION WAS APPROXIMATELY 6.0 TO 7.0 FEET BELOW LAND SURFACE.

11.24 X

17.02 X

106

107

MW

GCS TRENCH (TYP.)

GCS-EW-6

AS-BUILT OF AREA 1 EXCAVATION

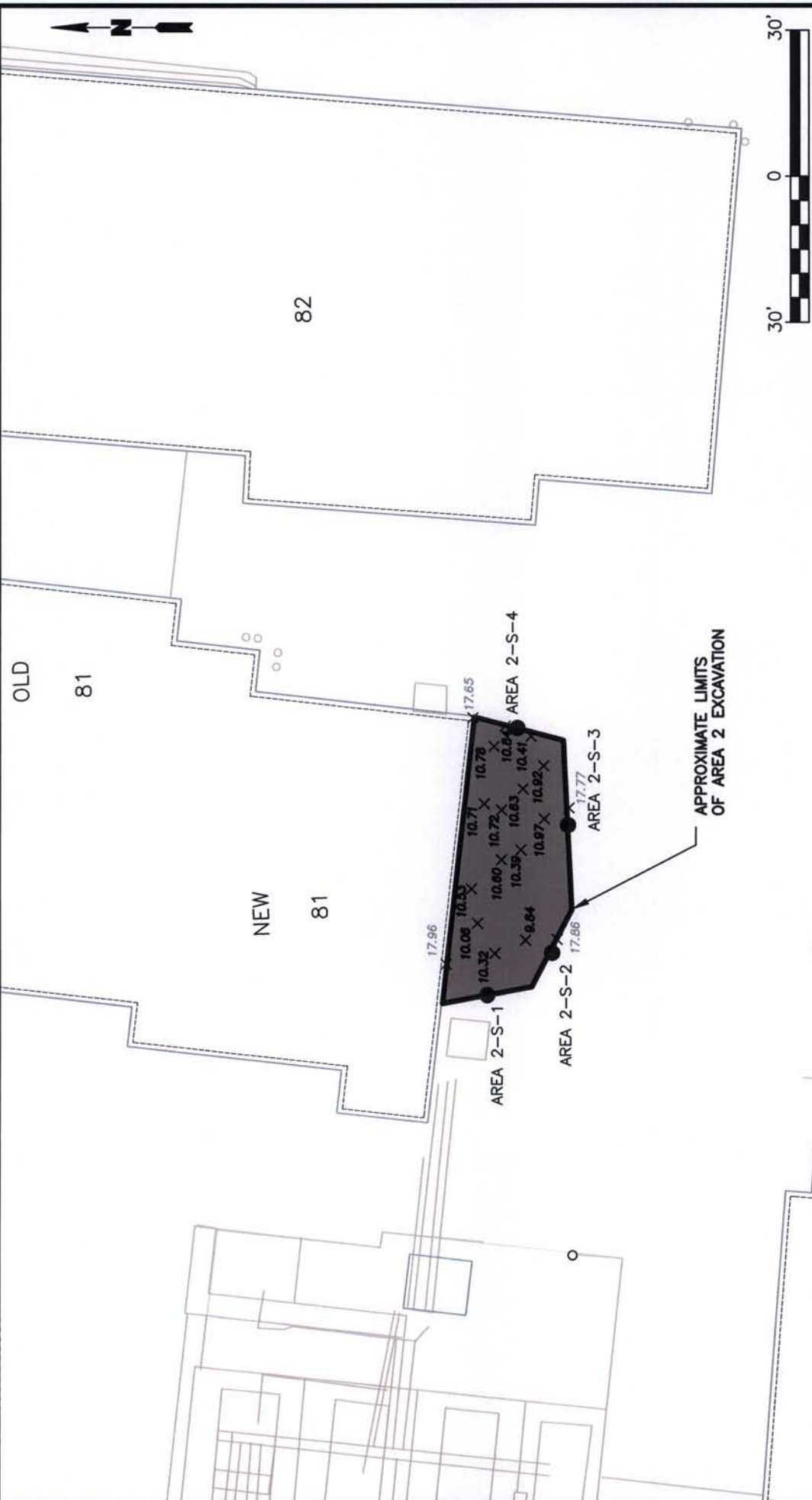
RENSELAER, NEW YORK FACILITY

Prepared For: BASF CORPORATION
FLORHAM PARK, NEW JERSEY

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Complied by: O.R. Date: 22NOV04
Prepared by: O.R. Scale: AS SHOWN
Project Mgr: O.R. Office: NY
File No: BF1130301 Project: 25111Y11

FIGURE 7



LEGEND:

AREA	EXCAVATION TO APPROXIMATELY 1' BELOW THE WATER TABLE (SEE NOTE 1)	LOCATION AND DESIGNATION OF POST-EXCAVATION SIDEWALL SAMPLE	LOCATION OF SURVEY CONTROL POINT AND ELEVATION OF EXCAVATION BOTTOM IN FEET RELATIVE TO MEAN SEA LEVEL
S-1			
10.32	X		
17.65	X		

NOTE(S):

1. WATER TABLE ELEVATION WAS APPROXIMATELY 6.0 TO 7.0 FEET BELOW LAND SURFACE IN THE VICINITY OF AREA 2 DURING THE PERFORMANCE OF THE SOIL IRM.

Title: **POST-EXCAVATION SOIL SAMPLING
LOCATION PLAN AND AS-BUILT OF
AREA 2 EXCAVATION**

RENSSELAER, NEW YORK FACILITY

Prepared For:

BASF CORPORATION
FLORHAM PARK, NEW JERSEY

ROUX

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*Environmental Consulting
& Management*

Compiled by: O.R.

Prepared by: O.R.

Project Manager: O.R.

File No: BF1130301

Date: 22NOV04

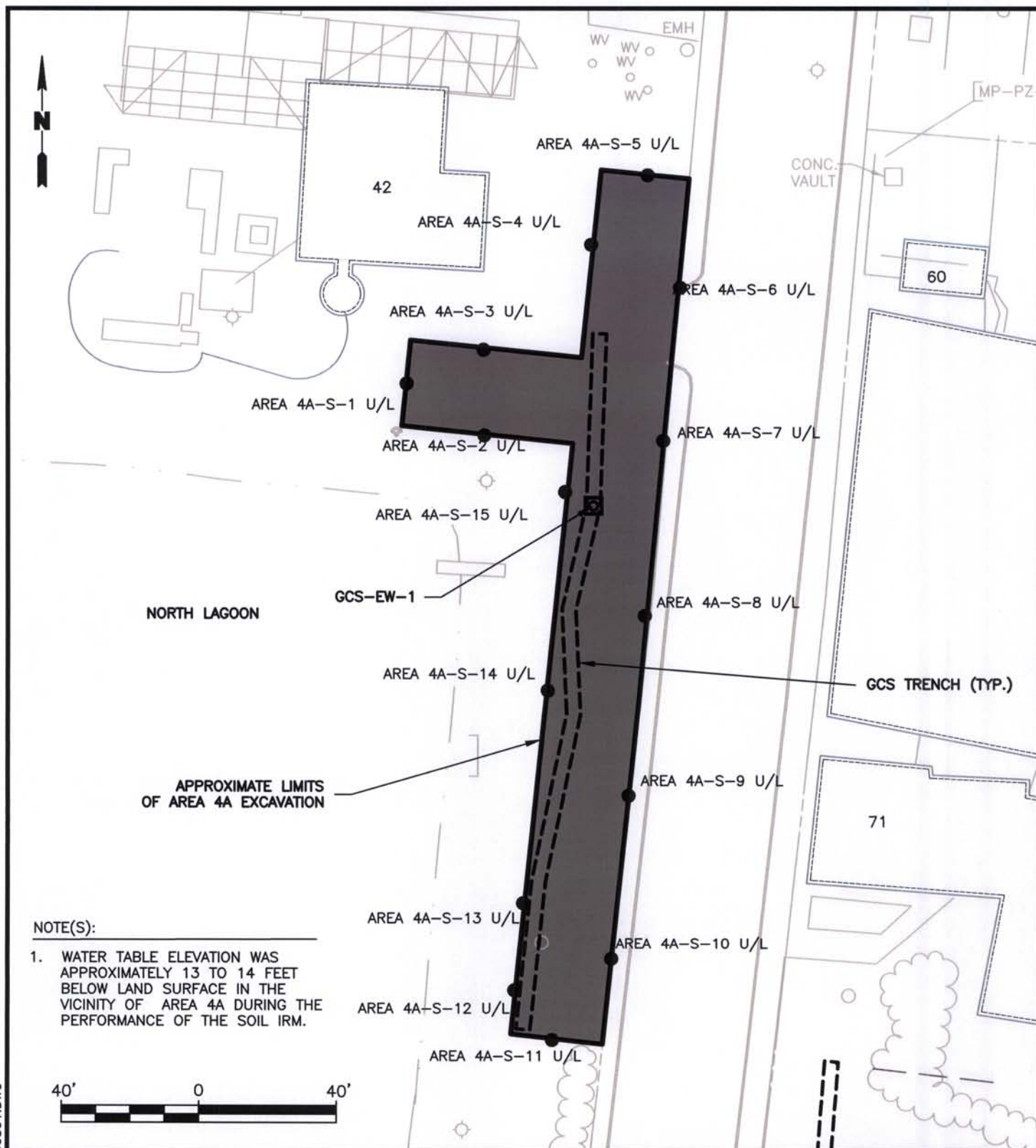
Scale: AS SHOWN

Office: NY

Project: 25111Y11

FIGURE

8



Title:

POST-EXCAVATION SOIL SAMPLING LOCATION PLAN FOR AREA 4A

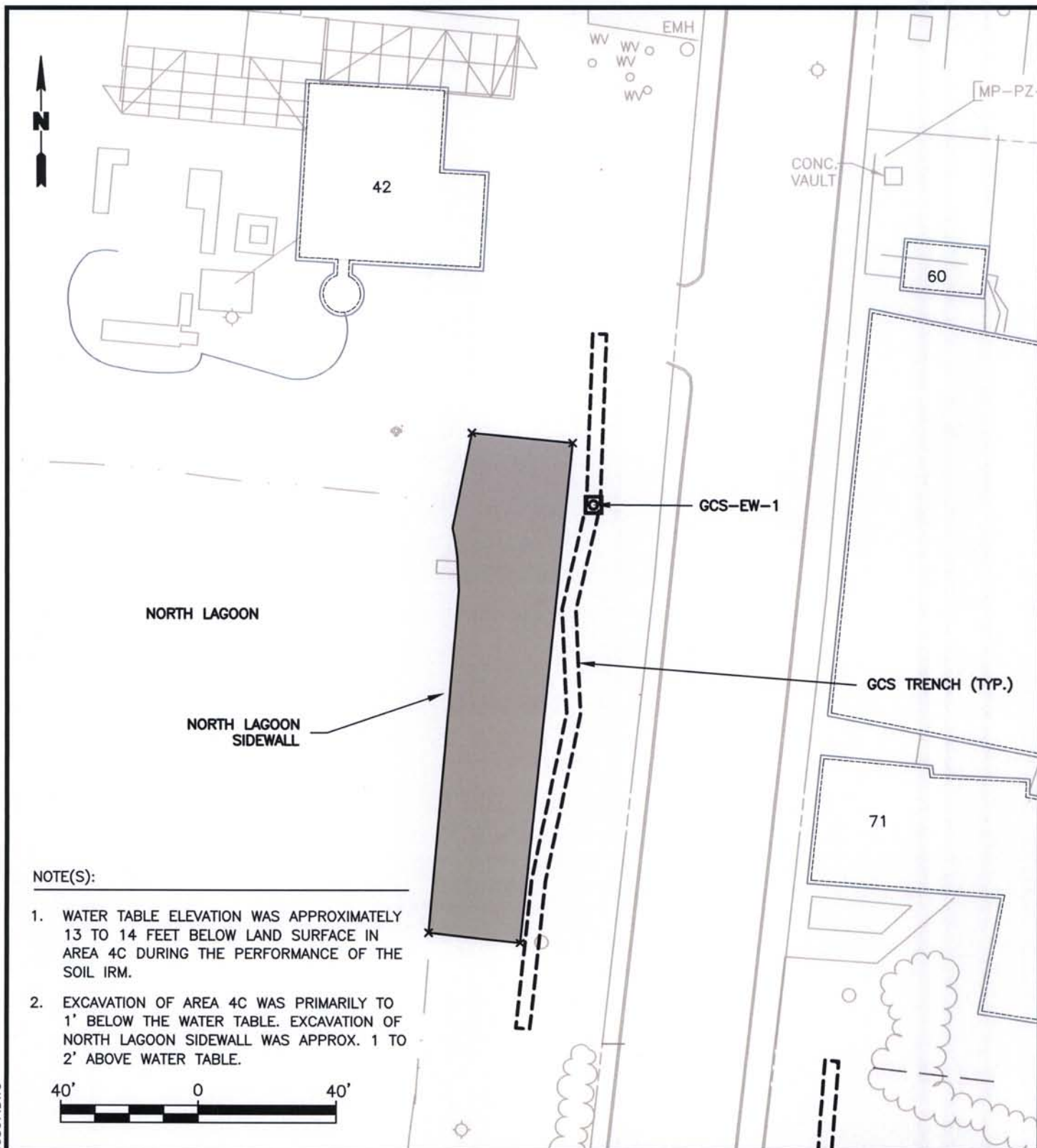
RENSSELAER, NEW YORK FACILITY

Prepared For:

BASF CORPORATION
FLORHAM PARK, NEW JERSEY

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

Compiled by: O.R.	Date: 22NOV04	FIGURE 9
Prepared by: O.R.	Scale: AS SHOWN	
Project Mgr: O.R.	Office: NY	
File No: BF1130301	Project: 25111Y11	



NOTE(S):

1. WATER TABLE ELEVATION WAS APPROXIMATELY 13 TO 14 FEET BELOW LAND SURFACE IN AREA 4C DURING THE PERFORMANCE OF THE SOIL IRM.
2. EXCAVATION OF AREA 4C WAS PRIMARILY TO 1' BELOW THE WATER TABLE. EXCAVATION OF NORTH LAGOON SIDEWALL WAS APPROX. 1 TO 2' ABOVE WATER TABLE.



LEGEND

- EXCAVATION LIMITS (SEE NOTES 1 AND 2)
- X LOCATION OF SURVEY CONTROL POINT FOR LIMITS OF AREA 4C.

Title:

AS-BUILT OF AREA 4C EXCAVATION

RENSSELAER, NEW YORK FACILITY

Prepared For:

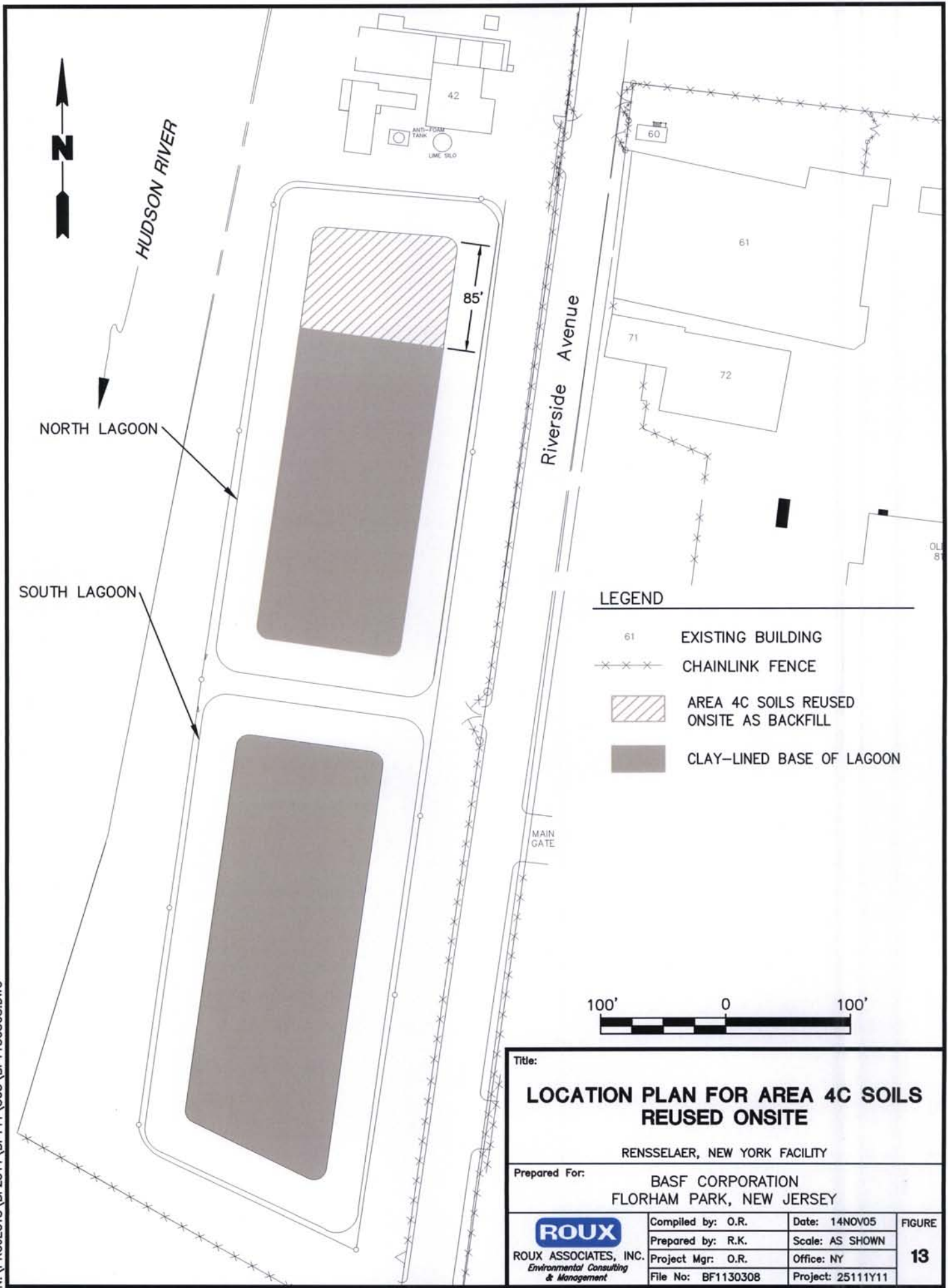
BASF CORPORATION
FLORHAM PARK, NEW JERSEY

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

Compiled by: W.K.	Date: 21JUN05
Prepared by: O.R.	Scale: AS SHOWN
Project Mgr: O.R.	Office: NY
File No: BF1130307	Project: 2511Y11

FIGURE

12



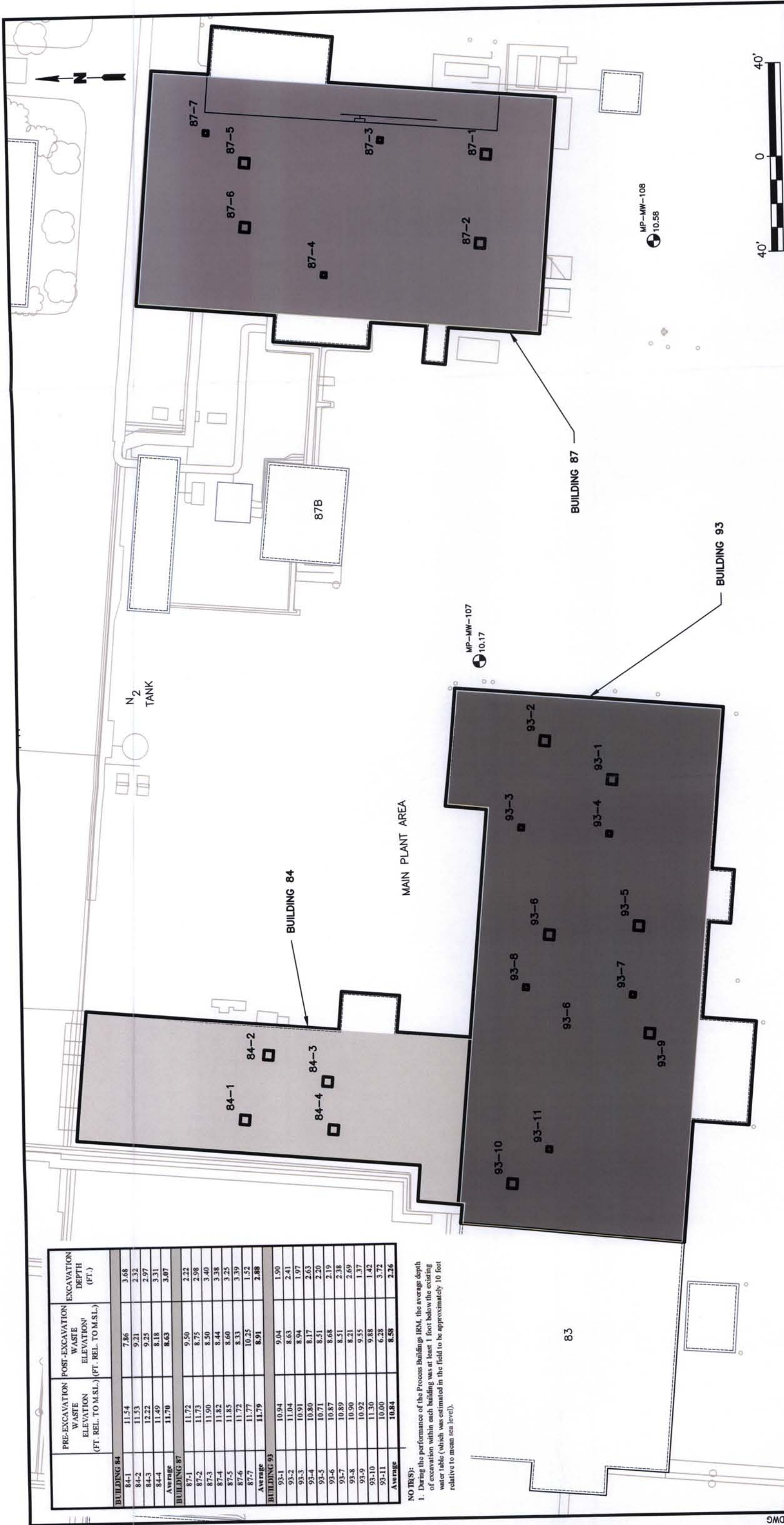
	PRE-EXCAVATION WASTE ELEVATION (FT. REL. TO M.S.L.)	POST-EXCAVATION WASTE ELEVATION ^a (FT. REL. TO M.S.L.)	EXCAVATION DEPTH (FT.)
BUILDING 84			
84-1	11.54	7.86	3.68
84-2	11.53	9.21	2.32
84-3	12.22	9.25	2.97
84-4	11.49	8.18	3.31
Average	11.70	8.63	3.07
BUILDING 87			
87-1	11.72	9.50	2.22
87-2	11.73	8.75	2.98
87-3	11.90	8.50	3.40
87-4	11.82	8.44	3.38
87-5	11.85	8.60	3.25
87-6	11.72	8.33	3.39
87-7	11.77	10.25	1.52
Average	11.79	8.91	2.88
BUILDING 93			
93-1	10.94	9.04	1.90
93-2	11.04	8.63	2.41
93-3	10.91	8.94	1.97
93-4	10.80	8.17	2.63
93-5	10.71	8.51	2.20
93-6	10.87	8.68	2.19
93-7	10.89	8.51	2.38
93-8	10.90	8.21	2.69
93-9	10.92	9.55	1.37
93-10	11.30	9.88	1.42
93-11	10.00	6.28	3.72
Average	10.84	8.58	2.26

NO TIES:
1. During the performance of the Process Buildings IRM, the average depth of excavation within each building was at least 1 foot below the existing water table (which was estimated in the field to be approximately 10 feet relative to mean sea level).

LEGEND

- AREA OF EXCAVATION WITHIN BUILDING 84
- AREA OF EXCAVATION WITHIN BUILDING 87
- AREA OF EXCAVATION WITHIN BUILDING 93
- 93-9 ACCESS OPENING/ MEASURING POINT LOCATION
- 93-7 MEASURING POINT LOCATION

NOTE(S):
MP-MW-108
LOCATION AND DESIGNATION OF EXISTING MONITORING WELL.
APRIL 2001 WATER ELEVATION SHOWN IN FEET RELATIVE TO MEAN SEA LEVEL.



Title: **AS-BUILT OF PROCESS BUILDINGS 84, 87 AND 93 EXCAVATION**

Prepared For: **RENSELAER, NEW YORK FACILITY**
BASF CORPORATION
FLORHAM PARK, NEW JERSEY

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: O.R. Date: 22NOV04
Prepared by: O.R. Scale: AS SHOWN
Project Mgr: O.R. Office: NY
File No: BF1130301 Project: 2511Y11

FIGURE **14**

APPENDIX A

Post-Excavation Soil Sample Lab Report Summary and Results
(Electronic Lab Results Provided on CD Located in Sleeve Inside of Back Cover)

Table A-1. Post-Excavation Soil Sample Lab Report Summary
BASF Corporation Rensselaer Facility Remediation

Report #	Sampling Date	Sampling Locations	VOCs	SVOCs	Metals	TCLP VOCs	TCLP 1,2-DCA	TCLP Benzene	TCLP Nitrobenzene	TCLP Metals	As	TCLP As	TCLP As, Cr, Pb
201864	9/9/2002	Area 1 post-excavation (PE-AREA1-B-1 to PE-AREA1-B-19)	X										
201868	9/9/2002	Area 1 post-excavation (PE-AREA1-B-20 to PE-AREA1-B-38)	X										
201874	9/9/2002 - 9/10/2002	Area 1 post-excavation (PE-AREA1-B-39 to PE-AREA1-B-54 and PE-AREA1-S-1 to PE-AREA1-S-3)	X										
201875	9/10/2002	Area 1 post-excavation (PE-AREA1-S-4 to PE-AREA1-S-22)	X										
201876	9/9/2002 - 9/10/2002	Area 1 post-excavation (PE-AREA1-S-23 to PE-AREA1-S-33)	X										
202040	9/24/2002	Area 2 and 4B post-excavation (PE-AREA2-S-1 to PE-AREA2-S-4)	X	X									
202040	9/24/2002	Area 2 and 4B post-excavation (PE-AREA4B-S-1 to PE-AREA4B-S-9)	X	X	X							X	
202062	9/9/2002	Area 1 post-excavation (PE-AREA1-B-1, PE-AREA1-B-4, PE-AREA1-B-10, PE-AREA1-B-17, PE-AREA1-B-26 and PE-AREA1-B-36)		X									
202062	9/9/2002	Area 1 post-excavation (PE-AREA1-B-1 TO PE-AREA1-B-6, PE-AREA1-B-9 TO PE-AREA1-B-13, PE-AREA1-B-17, PE-AREA1-B-21, PE-AREA1-B-25, PE-AREA1-B-26, PE-AREA1-B-33, PE-AREA1-B-34, PE-AREA1-B-36)			X								
202063	9/9/2002 - 9/10/2002	Area 1 post-excavation (PE-AREA1-B-42, PE-AREA1-S-4, PE-AREA1-S-8 and PE-AREA1-S-14)		X									
202063	9/9/2002 - 9/10/2002	Area 1 post-excavation (PE-AREA1-B-37, PE-AREA1-B-40, PE-AREA1-B-42, PE-AREA1-B-43, PE-AREA1-B-48, PE-AREA1-B-51, PE-AREA1-B-52 and PE-AREA1-S-1 TO PE-AREA1-S-8, PE-AREA1-S-10 TO PE-AREA1-S-12, PE-AREA1-S-14)			X								
202064	9/10/2002	Area 1 post-excavation (PE-AREA1-S-18, PE-AREA1-S-22, PE-AREA1-S-26, PE-AREA1-S-31 and PE-AREA1-S-33)		X									
202064	9/10/2002	Area 1 post-excavation (PE-AREA1-S-15 to PE-AREA1-S-29, PE-AREA1-S-31 TO PE-AREA1-S-33)			X								
202299	10/23/2002	Area 4 post-excavation (PE-AREA4A-S-1U, PE-AREA4A-S-1L, PE-AREA4A-S-2U, PE-AREA4A-S-2L, PE-AREA4A-S-3U and PE-AREA4A-S-3L)									X	X	
202356	10/30/2002	PE-AREA4B-S-9B										X	
202356	10/30/2002	PE-AREA1-S-30B	X	X	X								

Table A-1. Post-Excavation Soil Sample Lab Report Summary
BASF Corporation Rensselaer Facility Remediation

Report #	Sampling Date	Sampling Locations	VOCs	SVOCs	Metals	TCLP VOCs	TCLP 1,2-DCA	TCLP Benzene	TCLP Nitrobenzene	TCLP Metals	As	TCLP As	TCLP As, Cr, Pb
202430	11/7/2002	PE-AREA-S-9B, PE-AREA1-S-13B	X	X	X								
202601	12/12/2002	Area 4A (PE-AREA4A-S-4U, PE-AREA4A-S-4L, PE-AREA4A-S-5U, PE-AREA4A-S-5L, PE-AREA4A-S-6U, PE-AREA4A-S-6L, PE-AREA4A-S-7U, PE-AREA4A-S-7L, PE-AREA4A-S-8U, PE-AREA4A-S-8L, PE-AREA4A-S-9U, PE-AREA4A-S-9L, PE-AREA4A-S-10U, PE-AREA4A-S-10L, PE-AREA4A-S-11U, PE-AREA4A-S-11L, PE-AREA4A-S-12U, PE-AREA4A-S-12L, PE-AREA4A-S-13U, PE-AREA4A-S-13L, PE-AREA4A-S-14U, PE-AREA4A-S-14L, PE-AREA4A-S-15U and PE-AREA4A-S-15L)									X	X	
202697	12/11/2002	PE-Area1-S-9C			X								

ROUX ASSOCIATES INC



1377 MOTOR PARKWAY
ISLANDIA, NEW YORK 11749 TEL: 631-232-2600 FAX: 631-232-9898

November 26, 2002

Mr. Dan Lightsey
New York State Department of Environmental Conservation
Division of Environmental Remediation
1150 Westcott Road
Schenectady, New York 12306-2014

Re: Additional Excavation of Metals Impacted Soil in AOC 1
BASF Corporation, Rensselaer, New York

Dear Mr. Lightsey:

In response to the NYSDEC letter of November 14, 2002 and our conference call on November 15, 2002, additional excavation will be performed in Area of Concern 1 (AOC-1). We believe the attached drawing (Figure 1) accurately describes the additional excavation agreed to by both parties. This additional excavation will remove soils, which exhibited high concentrations of chromium and lead in post excavation samples. To date, neither lead nor chromium have created an impact to groundwater and the removal of these additional quantities should minimize the impact of these metals further.

As you are aware, this additional excavation work has been initiated based upon your verbal approval provided at Bi-monthly Project Meeting No. 9 conducted at the Rensselaer Site on November 21, 2002. In accordance with your verbal approval, this additional excavation work will not be performed without the on-site presence of NYSDEC personnel. Also, as previously discussed, post excavation sampling will not be performed for these additional excavation areas because it is our understanding that no further soil remediation work will be required in AOC-1 after this additional soil remediation has been completed.

If you have any questions, or require additional information, please do not hesitate to call.

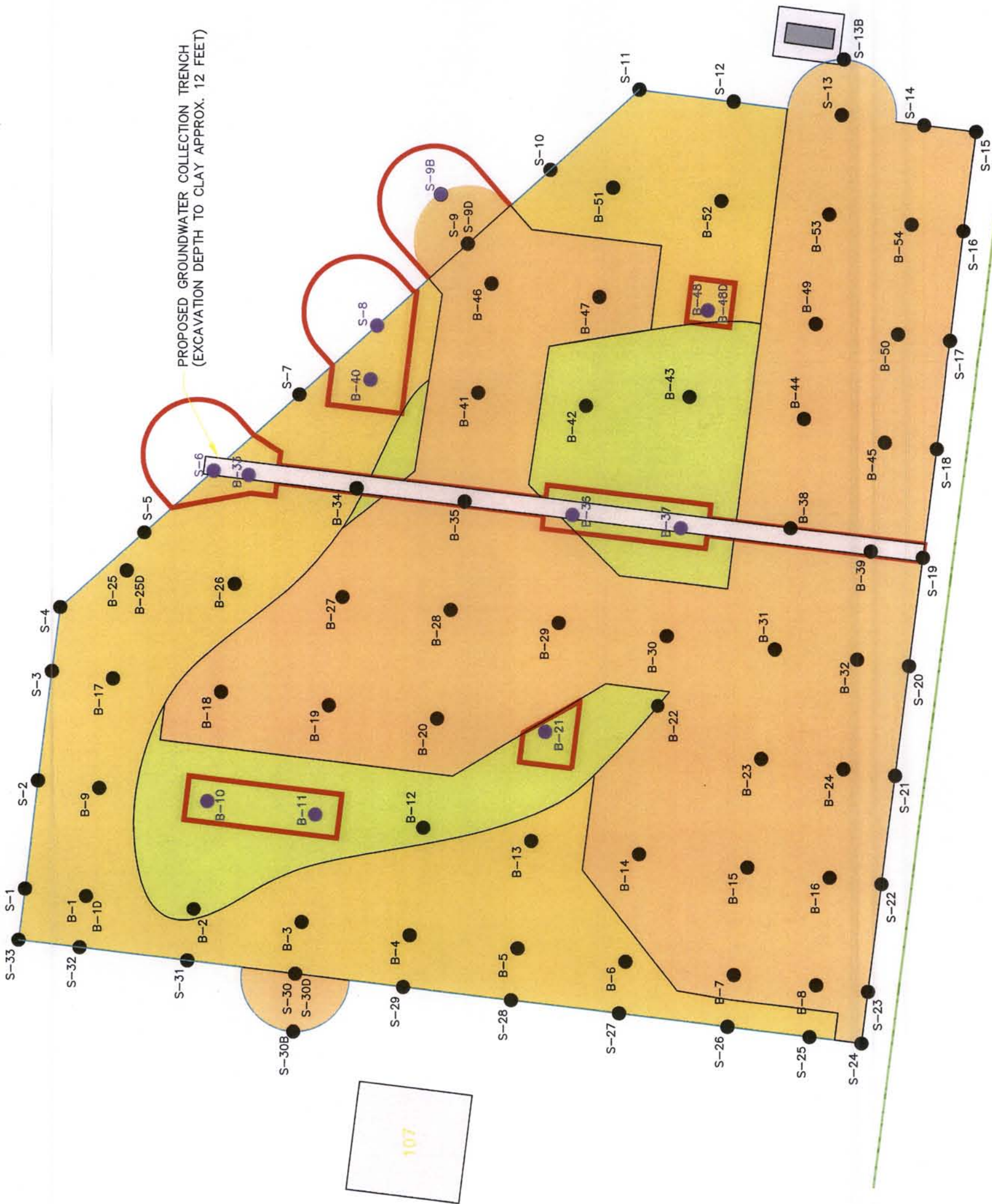
Sincerely,

ROUX ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Charles J. McGuckin", with a stylized flourish at the end.

Charles J. McGuckin, P.E.
Principal Engineer

cc: Eric Obrecht, NYSDEC
Rudolph Trinks, BASF Corporation
Nathan Epler, PhD, Roux Associates, Inc.



Title: AREA 1 ADDITIONAL EXCAVATIONS BASED ON POST-EXCAVATION CHROMIUM AND LEAD RESULTS

Prepared For: BASF CORPORATION
MOUNT OLIVE, NEW JERSEY

ROUX

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: M.R.

Prepared by: O.R.

Project Mgr: O.R.

File No: BF1128102

Date: 20NOV02

Scale: AS SHOWN

Office: NY

Project: 25111Y11

FIGURE 1

APPENDIX C

Non-Hazardous Solid Waste Disposal Summary and Manifests
(Electronic Copies of Manifests Provided on CD Located in Sleeve Inside of Back Cover)

Table C-1. Soil IRM Non-Hazardous Waste Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRUCK (TRACTOR) LICENSE PLATE #	TRAILER LICENSE PLATE #	TRUCK NUMBER	TRAILER NUMBER	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	FACILITY PERMIT NUMBER	ACTUAL WEIGHT (tons)	STOCKPILE	AREA
9/30/2002	42740PA (NY)	AE92569 (NY)	S-64	T-22	BASF-1	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.02	WC-Areal-1-9A	AREA 1
9/30/2002	8758PA (NY)	AB47800 (NY)	1024	T-104	BASF-2	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.09	WC-Areal-1-9A	AREA 1
9/30/2002	47805JF (NY)	AB71813 (NY)	EK-10	EK-10P	BASF-3	SILVAROLE, INC. - KIMBALL, INC.	High Acres Landfill	8-2644-00048/0021-0	37.86	WC-Areal-1-9A	AREA 1
9/30/2002	47301JJ (NY)	AF4788 (NY)	EK-3	K-3	BASF-4	SILVAROLE, INC. - KIMBALL, INC.	High Acres Landfill	8-2644-00048/0021-0	36.46	WC-Areal-1-9A	AREA 1
9/30/2002	PX4910 (NY)	AC96829 (NY)	30	T-18	BASF-5	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.21	WC-Areal-1-9A	AREA 1
9/30/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-6	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.65	WC-Areal-1-9A	AREA 1
9/30/2002	PZ7355 (NY)	AC96815 (NY)	37	T-8	BASF-7	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.63	WC-Areal-1-3/ WC-Areal-1-9A	AREA 1
9/30/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-8	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.78	WC-Areal-1-3	AREA 1
9/30/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-9	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.12	WC-Areal-1-3	AREA 1
10/1/2002	PZ3846 (NY)	AC96596 (NY)	35	T-1	BASF-10	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	37.52	WC-Areal-1-3	AREA 1
10/1/2002	PX4104 (NY)	AC96590 (NY)	36	T-23	BASF-11	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.96	WC-Areal-1-3	AREA 1
10/1/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-12	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	39.74	WC-Areal-1-3	AREA 1
10/1/2002	PR8868 (NY)	AC96628 (NY)	21	T-6	BASF-13	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	36.21	WC-Areal-1-3	AREA 1
10/1/2002	42740PA (NY)	AE92569 (NY)	S-64	T-22	BASF-14	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.04	WC-Areal-1-3	AREA 1
10/1/2002	PR8861 (NY)	AC96555 (NY)	38	T-20	BASF-15	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.71	WC-Areal-1-3	AREA 1
10/1/2002	8758PA (NY)	AB47800 (NY)	10-24	T-104	BASF-16	SILVAROLE, INC. - JOSEPH PALERMO TRUCKING	High Acres Landfill	8-2644-00048/0021-0	34.02	WC-Areal-1-3	AREA 1
10/1/2002	PW2362 (NY)	AC96804 (NY)	27	T-7	BASF-17	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	30.36	WC-Areal-1-3	AREA 1
10/1/2002	PX4910 (NY)	AC96829 (NY)	30	T-18	BASF-18	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.54	WC-Areal-1-3	AREA 1
10/1/2002	PZ7355 (NY)	AC96815 (NY)	37	T-8	BASF-19	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	28.63	WC-Areal-1-4A	AREA 1
10/1/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-20	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.35	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1
10/1/2002	34799PA (NY)	AF18606 (NY)	BG-4	IG-4	BASF-21	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.73	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1
10/1/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-22	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.02	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1

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DATE	TRUCK (TRACTOR) LICENSE PLATE #	TRAILER LICENSE PLATE #	TRUCK NUMBER	TRAILER NUMBER	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	FACILITY PERMIT NUMBER	ACTUAL WEIGHT (tons)	STOCKPILE	AREA
10/1/2002	5700PB (NY)	AC21075 (NY)	42	T-22	BASF-23	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.94	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1
10/1/2002	PM7189 (NY)	AE32018 (NY)	97	T-99	BASF-24	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.45	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1
10/1/2002	PA 1606 (NY)	AE 45974 (NY)	52	T-3	BASF-25	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.59	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1
10/1/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-26	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.96	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1
10/2/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-27	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.89	WC-Areal-1-4B	AREA 1
10/2/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-28	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.16	WC-Areal-1-4B	AREA 1
10/2/2002	8758PA (NY)	AB47800 (NY)	10-24	T-104	BASF-29	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.75	WC-Areal-1-4B	AREA 1
10/2/2002	42740PA (NY)	AE92569 (NY)	S-64	T-22	BASF-30	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.19	WC-Areal-1-4B	AREA 1
10/2/2002	PX4910 (NY)	AC96829 (NY)	30	T-18	BASF-31	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.23	WC-Areal-1-4B	AREA 1
10/2/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-32	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.89	WC-Areal-1-4B	AREA 1
10/2/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-33	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.90	WC-Areal-1-4B	AREA 1
10/2/2002	PR8869 (NY)	AC 96567 (NY)	45	T-19	BASF-34	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.99	WC-Areal-1-4B	AREA 1
10/2/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-35	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.33	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1
10/2/2002	5700PB (NY)	AC21075 (NY)	42	T-22	BASF-36	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	24.43	WC-Areal-1-4A/ WC-Areal-1-4B	AREA 1
10/2/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-37	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	30.45	WC-LFGCS-1-3	LFGCS
10/2/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-38	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.05	WC-LFGCS-1-3	LFGCS
10/2/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-39	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.05	WC-LFGCS-1-3	LFGCS
10/2/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-40	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	36.65	WC-LFGCS-1-1	LFGCS
10/2/2002	JWT MACK (NY)	-	T-18	-	BASF-41	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	22.41	WC-LFGCS-1-3	LFGCS
10/2/2002	8758PA (NY)	AB47800 (NY)	10-24	T-104	BASF-42	SILVAROLE, INC. - JOSEPH PALERMO TRUCKING	High Acres Landfill	8-2644-00048/0021-0	33.97	WC-LFGCS-1-3	LFGCS
10/2/2002	42740PA (NY)	AE92569 (NY)	S-64	T-22	BASF-43	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.74	WC-LFGCS-1-3	LFGCS
10/2/2002	PX4910 (NY)	AC96829 (NY)	30	T-18	BASF-44	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.21	WC-LFGCS-1-3	LFGCS

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10/3/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-45	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.35	WC-LFGCS-1-3	LFGCS
10/3/2002	PR8867 (NY)	AC96646 (NY)	20	T-17	BASF-46	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.46	WC-LFGCS-1-3	LFGCS
10/3/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-47	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.60	WC-LFGCS-1-3	LFGCS
10/3/2002	PR8864 (NY)	AC96809 (NY)	39	T-12	BASF-48	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.30	WC-LFGCS-1-3	LFGCS
10/3/2002	7704PB (NY)	AC96843 (NY)	43	T-21	BASF-49	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.42	WC-LFGCS-1-3	LFGCS
10/3/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-50	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.57	WC-LFGCS-1-3	LFGCS
10/3/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-51	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.75	WC-LFGCS-1-3	LFGCS
10/3/2002	74896AY (NY)	-	D-3	-	BASF-52	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	22.54	WC-LFGCS-1-3 AND Area 1-1-1	LFGCS/ AREA 1
10/3/2002	PX6348 (NY)	AD80326 (NY)	197	T-97	BASF-53	SILVAROLE, INC. - RICHARD CARL TRUCKING	High Acres Landfill	8-2644-00048/0021-0	35.14	WC-Area 1-1-1	AREA 1
10/3/2002	PR8868 (NY)	AC96628 (NY)	21	T-6	BASF-54	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.13	WC-Area 1-1-1	AREA 1
10/7/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-55	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.46	WC-Area 1-1-1	AREA 1
10/7/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-56	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.90	WC-Area 1-1-1	AREA 1
10/7/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-57	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.78	WC-Area 1-1-1	AREA 1
10/7/2002	47805IF (NY)	AB71813 (NY)	K-10	K-10	BASF-58	SILVAROLE, INC. - KIMBALL TRUCKING	High Acres Landfill	8-2644-00048/0021-0	33.69	WC-Area 1-1-1	AREA 1
10/7/2002	PR8864 (NY)	AC96809 (NY)	39	T-12	BASF-59	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.12	WC-Area 1-1-1	AREA 1
10/7/2002	8758PA (NY)	AB47800 (NY)	10-24	T-104	BASF-60	SILVAROLE, INC. - JOSEPH PALERMO TRUCKING	High Acres Landfill	8-2644-00048/0021-0	32.96	WC-Area 1-1-1	AREA 1
10/7/2002	7704PB (NY)	AC96843 (NY)	43	T-21	BASF-61	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.70	WC-Area 1-1-1	AREA 1
10/7/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-62	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.30	WC-Area 1-1-1	AREA 1
10/7/2002	PX4910 (NY)	AC96829 (NY)	30	T-18	BASF-63	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.20	WC-Area 1-1-1	AREA 1
10/7/2002	42740PA (NY)	AE92476 (NY)	S-64	T-25	BASF-64	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.76	WC-Area 1-1-1 / WC-Area 1-1-6B	AREA 1
10/7/2002	44668 (NY)	1992B7 (NY)	GF-12	T-1	BASF-65	SILVAROLE, INC. - FIACCO	High Acres Landfill	8-2644-00048/0021-0	32.94	WC-Area 1-1-6B	AREA 1
10/7/2002	16822PA (NY)	2252B7 (NY)	GF-16	T-6	BASF-66	SILVAROLE, INC. - FIACCO	High Acres Landfill	8-2644-00048/0021-0	33.20	WC-Area 1-1-6B	AREA 1

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10/7/2002	PR8869 (NY)	AC 96567 (NY)	45	T-19	BASF-67	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.73	WC-Area 1-1-6B	AREA 1
10/7/2002	PR8861 (NY)	AC96555 (NY)	38	T-20	BASF-68	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.37	WC-Area 1-1-6B	AREA 1
10/7/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-69	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.17	WC-Area 1-1-6B	AREA 1
10/7/2002	18682PA (NY)	AE66000 (NY)	54	T-54	BASF-70	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.27	WC-Area 1-1-6B	AREA 1
10/7/2002	18678PA (NY)	AE65965 (NY)	50	T-50	BASF-71	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.15	WC-LFGCS-1-2	LFGCS
10/7/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-72	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.48	WC-LFGCS-1-2	LFGCS
10/8/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-73	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	36.14	WC-LFGCS-1-2	LFGCS
10/8/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-74	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.82	WC-LFGCS-1-2	LFGCS
10/8/2002	44525PA (NY)	AE52019 (NY)	97	T-99	BASF-75	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.20	WC-LFGCS-1-2	LFGCS
10/8/2002	24511PA (NY)	AE34335 (NY)	1A	1A	BASF-76	SILVAROLE, INC. - ANI MORRIS CORP.	High Acres Landfill	8-2644-00048/0021-0	33.76	WC-LFGCS-1-2	LFGCS
10/8/2002	PR8864 (NY)	AC96809 (NY)	39	T-12	BASF-77	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.28	WC-LFGCS-1-2/ WC-LFGCS-1-1	LFGCS
10/8/2002	8738PA (NY)	AB47800 (NY)	10-24	T-104	BASF-78	SILVAROLE, INC. - JOSEPH PALERMO TRUCKING	High Acres Landfill	8-2644-00048/0021-0	33.00	WC-LFGCS-1-2/ WC-LFGCS-1-1	LFGCS
10/8/2002	5700PB (NY)	AC21075 (NY)	42	T-22	BASF-79	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.57	WC-LFGCS-1-2	LFGCS
10/8/2002	42740PA (NY)	AE92476 (NY)	S-64	T-25	BASF-80	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.82	WC-LFGCS-1-2	LFGCS
10/8/2002	PR8861 (NY)	AC96555 (NY)	38	T-20	BASF-81	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.99	WC-LFGCS-1-2	LFGCS
10/8/2002	PX4910 (NY)	AC96829 (NY)	30	T-18	BASF-82	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.96	WC-LFGCS-1-2	LFGCS
10/8/2002	PR8867 (NY)	AC96646 (NY)	20	T-17	BASF-83	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	29.48	WC-LFGCS-1-2	LFGCS
10/8/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-84	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.99	WC-LFGCS-1-2	LFGCS
10/8/2002	PR8868 (NY)	AC96628 (NY)	21	T-6	BASF-85	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.31	WC-LFGCS-1-2	LFGCS
10/8/2002	T72461 (NY)	AB21622 (NY)	911	T-1	BASF-86	SILVAROLE, INC. - E.P. LARSON, INC.	High Acres Landfill	8-2644-00048/0021-0	33.61	WC-LFGCS-1-2	LFGCS
10/8/2002	1867APA (NY)	AE65965 (NY)	50	T-50	BASF-87	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.19	WC-LFGCS-1-2	LFGCS
10/8/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-88	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.29	WC-LFGCS-1-2/ WC-LFGCS-1-1	LFGCS

Table C-1. Soil IRM Non-Hazardous Waste Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRUCK (TRACTOR) LICENSE PLATE #	TRAILER LICENSE PLATE #	TRUCK NUMBER	TRAILER NUMBER	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	FACILITY PERMIT NUMBER	ACTUAL WEIGHT (tons)	STOCKPILE	AREA
10/8/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-89	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.22	WC-LFGCS-1-2/ WC-LFGCS-1-1	LFGCS
10/8/2002	37499PA (NY)	AFR1606 (NY)	BG-4	IG-4	BASF-90	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.05	WC-LFGCS-1-2/ WC-LFGCS-1-1	LFGCS
10/8/2002	18680PA (NY)	AE65955 (NY)	42	T-3	BASF-91	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.49	WC-LFGCS-1-2/ WC-LFGCS-1-1	LFGCS
10/9/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-92	SILVAROLE, INC. - DUNKITE, INC.	High Acres Landfill	8-2644-00048/0021-0	37.02	WC-LFGCS-1-1	LFGCS
10/9/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-93	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.00	WC-LFGCS-1-1	LFGCS
10/9/2002	PX7108 (NY)	AC96827 (NY)	31	T-2	BASF-94	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.24	WC-LFGCS-1-1	LFGCS
10/9/2002	8758PA (NY)	AB47800 (NY)	10-24	T-104	BASF-95	SILVAROLE, INC. - JOSEPH PALERMO TRUCKING	High Acres Landfill	8-2644-00048/0021-0	31.32	WC-LFGCS-1-1	LFGCS
10/9/2002	47301JI (NY)	AF47887 (NY)	EK-3	K-3	BASF-96	SILVAROLE, INC. - KIMBALL TRUCKING	High Acres Landfill	8-2644-00048/0021-0	34.69	WC-LFGCS-1-1	LFGCS
10/9/2002	47803JF (NY)	AB71813 (NY)	K-10	K-10	BASF-97	SILVAROLE, INC. - KIMBALL TRUCKING	High Acres Landfill	8-2644-00048/0021-0	35.86	WC-LFGCS-1-1	LFGCS
10/9/2002	42740PA (NY)	AE92476 (NY)	S-64	T-25	BASF-98	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.52	WC-LFGCS-1-1	LFGCS
10/9/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-99	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.44	WC-LFGCS-1-1	LFGCS
10/9/2002	37499PA (NY)	AFR1606 (NY)	BG-4	IG-4	BASF-100	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.62	WC-LFGCS-1-1	LFGCS
10/9/2002	P27355 (NY)	AC96921 (NY)	37	T-13	BASF-101	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	30.44	WC-LFGCS-1-1	LFGCS
10/9/2002	PR8867 (NY)	AC96646 (NY)	20	T-17	BASF-102	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.10	WC-LFGCS-1-1	LFGCS
10/9/2002	31470PA (NY)	2631A4 (NY)	03	T-8	BASF-103	SILVAROLE, INC. - GOOD NATURED	High Acres Landfill	8-2644-00048/0021-0	34.42	WC-LFGCS-1-1	LFGCS
10/9/2002	PR8869 (NY)	AC 96567 (NY)	45	T-19	BASF-104	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.20	WC-LFGCS-1-1	LFGCS
10/9/2002	PR8864 (NY)	AC96809 (NY)	39	T-12	BASF-105	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.14	WC-LFGCS-1-1	LFGCS
10/9/2002	18678PA (NY)	AE65965 (NY)	50	T-50	BASF-106	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.13	WC-LFGCS-1-1	LFGCS
10/9/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-107	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.05	WC-LFGCS-1-1	LFGCS
10/9/2002	16961PA (NY)	AE65993 (NY)	56	T-5	BASF-108	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.96	WC-LFGCS-1-1	LFGCS
10/9/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-109	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.18	WC-LFGCS-1-1	LFGCS
10/10/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-110	SILVAROLE, INC. - DUNKITE, INC.	High Acres Landfill	8-2644-00048/0021-0	36.59	WC-AREA 4B-1-2	AREA 4B

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DATE	TRUCK (TRACTOR) LICENSE PLATE #	TRAILER LICENSE PLATE #	TRUCK NUMBER	TRAILER NUMBER	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	FACILITY PERMIT NUMBER	ACTUAL WEIGHT (tons)	STOCKPILE	AREA
10/10/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-111	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.45	WC-AREA 4B-1-2	AREA 4B
10/10/2002	14621PA (NY)	AE92571 (NY)	S-32	T-23	BASF-112	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.40	WC-AREA 4B-1-2	AREA 4B
10/10/2002	47805JF (NY)	AB71813 (NY)	K-10	K-10	BASF-113	SILVAROLE, INC. - KIMBALL TRUCKING	High Acres Landfill	8-2644-00048/0021-0	36.52	WC-AREA 4B-1-2	AREA 4B
10/10/2002	42740PA (NY)	AE92476 (NY)	S-64	T-25	BASF-114	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.32	WC-AREA 4B-1-2	AREA 4B
10/10/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-115	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.68	WC-AREA 4B-1-2	AREA 4B
10/10/2002	8758PA (NY)	AB47800 (NY)	10-24	T-104	BASF-116	SILVAROLE, INC. - JOSEPH PALERMO TRUCKING	High Acres Landfill	8-2644-00048/0021-0	34.79	WC-AREA 4B-1-2	AREA 4B
10/10/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-117	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	35.31	WC-AREA 4B-1-2	AREA 4B
10/10/2002	31470PA (NY)	2631A4 (NY)	20	T-17	BASF-118	SILVAROLE, INC. - GOOD NATURED	High Acres Landfill	8-2644-00048/0021-0	35.30	WC-AREA 4B-1-2	AREA 4B
10/10/2002	18680PA (NY)	AE65955 (NY)	42	T-3	BASF-119	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.53	WC-AREA 4B-1-2	AREA 4B
10/10/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-120	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.18	WC-AREA 4B-1-2	AREA 4B
10/10/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-121	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.51	WC-AREA 4B-1-2	AREA 4B
10/10/2002	18678PA (NY)	AE65965 (NY)	50	T-50	BASF-122	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.89	WC-AREA 4B-1-2	AREA 4B
10/10/2002	18679PA (NY)	AE65993 (NY)	40	T-11	BASF-123	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.78	WC-AREA 4B-1-2	AREA 4B
10/14/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-124	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	36.44	WC-AREA 4B-1-1	AREA 4B
10/14/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-125	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.76	WC-AREA 4B-1-1	AREA 4B
10/14/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-126	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	35.20	WC-AREA 4B-1-1	AREA 4B
10/14/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-127	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.71	WC-AREA 4B-1-1	AREA 4B
10/14/2002	PX4910 (NY)	AC96829 (NY)	30	T-18	BASF-128	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.84	WC-AREA 4B-1-1	AREA 4B
10/14/2002	8758PA (NY)	AB47800 (NY)	10-24	T-104	BASF-129	SILVAROLE, INC. - JOSEPH PALERMO TRUCKING	High Acres Landfill	8-2644-00048/0021-0	34.83	WC-AREA 4B-1-1	AREA 4B
10/14/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-130	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.83	WC-AREA 4B-1-1	AREA 4B
10/14/2002	PZ3846 (NY)	AC-96596 (NY)	35	T-1	BASF-131	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.22	WC-AREA 4B-1-1	AREA 4B
10/14/2002	PR8867 (NY)	AC96646 (NY)	20	T-17	BASF-132	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.81	WC-AREA 4B-1-1	AREA 4B

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10/14/2002	14617PA (NY)	AE92369 (NY)	S-49	T-22	BASF-133	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	36.31	WC-AREA 4B-1-1	AREA 4B
10/14/2002	PB8266 (NY)	AE92476 (NY)	S-64	T-25	BASF-134	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.67	WC-AREA 1-1-1	AREA 4B
10/14/2002	18196PA (NY)	AC30601 (NY)	26-83	D-34	BASF-135	WE CARE TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.13	WC-AREA 4B-1-1	AREA 4B
10/14/2002	PR8861 (NY)	AC96555 (NY)	38	T-20	BASF-136	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.40	WC-AREA 4B-1-1	AREA 4B
10/14/2002	38633PA (NY)	AN11880 (NY)	26-84	D-6	BASF-137	WE CARE TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.11	WC-AREA 4B-1-1	AREA 4B
10/14/2002	18208PA (NY)	AA11876 (NY)	1008	D-12	BASF-138	WE CARE TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.04	WC-AREA 4B-1-1	AREA 4B
10/14/2002	18678PA (NY)	AE65965 (NY)	50	T-30	BASF-139	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.73	WC-AREA 4B-1-1	AREA 4B
10/14/2002	18679PA (NY)	AE65993 (NY)	40	T-11	BASF-140	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.32	WC-AREA 4B-1-1	AREA 4B
10/14/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-141	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.22	WC-AREA 4B-1-1	AREA 4B
10/14/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-142	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.90	WC-AREA 1-2-4	AREA 4B
10/14/2002	18680PA (NY)	AE65955 (NY)	42	T-3	BASF-143	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.96	WC-AREA 1-2-4	AREA 1
10/14/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-143	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.43	WC-AREA 1-2-4	AREA 1
10/15/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-145	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	36.60	WC-AREA 1-2-4	AREA 1
10/15/2002	34813PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-146	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	29.07	WC-AREA 1-2-4	AREA 1
10/15/2002	8758PA (NY)	AB47800 (NY)	10-24	T-104	BASF-147	SILVAROLE, INC. - JOSEPH PALERMO TRUCKING	High Acres Landfill	8-2644-00048/0021-0	25.17	WC-AREA 1-2-4	AREA 1
10/15/2002	PX4910 (NY)	AC96829 (NY)	30	T-18	BASF-148	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	27.99	WC-AREA 1-2-4	AREA 1
10/15/2002	42740PA (NY)	AE92476 (NY)	S-64	T-25	BASF-149	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	30.56	WC-AREA 1-2-4	AREA 1
10/15/2002	18196PA (NY)	AC30601 (NY)	26-83	D-34	BASF-150	WE CARE TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	28.21	WC-GCS 6-1-1	GCS-6
10/15/2002	PR8867 (NY)	AC96646 (NY)	20	T-17	BASF-151	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	27.65	WC-GCS 6-2-1	GCS-6
10/15/2002	38633PA (NY)	AN11880 (NY)	26-84	D-6	BASF-152	WE CARE TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	27.84	WC-GCS 6-1-1	GCS-6
10/15/2002	18208PA (NY)	AA11876 (NY)	1008	D-12	BASF-153	WE CARE TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	23.72	WC-GCS 6-1-1	GCS-6
10/15/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-154	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	35.40	WC-GCS 6-1-4	GCS-6

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10/15/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-155	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.13	WC-GCS 6-2-1	GCS-6
10/15/2002	18678PA (NY)	AE65965 (NY)	50	T-50	BASF-156	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.83	WC-GCS 6-2-1	GCS-6
10/15/2002	18679PA (NY)	AE65993 (NY)	40	T-11	BASF-157	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.53	WC-GCS 6-2-1	GCS-6
10/15/2002	38643PA (NY)	AE59603 (NY)	2103	T-88	BASF-158	WE CARE TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.42	WC-GCS 6-2-1	GCS-6
10/15/2002	38647PA (NY)	AE59597 (NY)	3556	D-89	BASF-159	TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.58	-	GCS-6
10/15/2002	18680PA (NY)	AE65955 (NY)	42	T-3	BASF-160	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.35	WC-LFGCS-1-4	LFGCS
10/15/2002	18682PA (NY)	AE66000 (NY)	54	T-1	BASF-161	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.76	-	GCS-6
10/15/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-162	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.28	-	GCS-6
10/28/2002	14621PA (NY)	AF92573 (NY)	S-32	T-24	BASF-163	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.72	WC-AREA 1-1-7A	AREA 1
10/28/2002	47727PA (NY)	AE92571 (NY)	S-17	T-23	BASF-164	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.36	WC-AREA 1-1-7A	AREA 1
10/28/2002	42748PA (NY)	AE92569 (NY)	S-22	T-22	BASF-165	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.51	WC-AREA 1-1-7A	AREA 1
10/28/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-166	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	36.10	WC-AREA 1-1-7A	AREA 1
10/28/2002	42740PA (NY)	AE92476 (NY)	S-64	T-25	BASF-167	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.89	WC-AREA 1-1-7A	AREA 1
10/28/2002	PX6348 (NY)	AD80326 (NY)	197	T-97	BASF-168	SILVAROLE, INC. - RICHARD CARL TRUCKING	High Acres Landfill	8-2644-00048/0021-0	34.62	WC-AREA 1-1-6A	AREA 1
10/28/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-169	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.82	WC-AREA 1-1-6A	AREA 1
10/28/2002	18680PA (NY)	AE65965 (NY)	42	C-3	BASF-170	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.49	WC-AREA 1-1-6A	AREA 1
10/28/2002	16961PA (NY)	AE65993 (NY)	56	T-5	BASF-171	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.87	WC-AREA 1-1-6A	AREA 1
10/29/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-172	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/0021-0	37.03	WC-AREA 1-1-6A	AREA 1
10/29/2002	PX7108 (NY)	AC96827 (NY)	31	T-2	BASF-173	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.40	WC-AREA 1-1-6A	AREA 1
10/29/2002	42739PA (NY)	AF54639 (NY)	S-62	T-20	BASF-174	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.80	WC-AREA 1-1-6A	AREA 1
10/29/2002	14621PA (NY)	AF92573 (NY)	S-32	T-24	BASF-175	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.14	WC-AREA 1-1-6A	AREA 1
10/29/2002	42740PA (NY)	AE92476 (NY)	S-64	T-25	BASF-176	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.92	WC-AREA 1-1-6A	AREA 1

APPENDIX D

Hazardous Solid Waste Disposal Summary and Manifests
(Electronic Copies of Manifests Provided on CD Located in Sleeve Inside of Back Cover)

Table D-1. Soil and Process Buildings IRM Hazardous Waste Disposal Totals

Hazardous Summary

Soil IRM	2002	2003	2004	2005	Total
model city - stabilization	4,823.98	2,772.92	0.00	1,601.42	9,198.32
model city - direct	628.65	260.92	0.00	0.00	889.57
stalex	66.79	2,167.62	0.00	0.00	2,234.41
arlington	0.00	0.00	0.00	0.00	0.00
Total	5,519.42	5,201.46	0.00	1,601.42	12,322.30

Process Buildings IRM	2002	2003	2004	2005	Total
model city - stabilization	0.00	0.00	0.00	0.00	0.00
model city - direct	0.00	1,312.94	629.76	0.00	1,942.70
stalex	0.00	147.43	1,367.44	0.00	1,514.87
arlington	0.00	404.05	563.17	0.00	967.22
Total	0.00	1,864.42	2,560.37	0.00	4,424.79

Total IRM	2002	2003	2004	2005	Total
model city - stabilization	4,823.98	2,772.92	0.00	1,601.42	9,198.32
model city - direct	628.65	1,573.86	629.76	0.00	2,832.27
stalex	66.79	2,315.05	1,367.44	0.00	3,749.28
arlington	0.00	404.05	563.17	0.00	967.22
Total	5,519.42	7,065.88	2,560.37	1,601.42	16,747.09

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
CV0143	Hazardous soils for stabilization	10/8/2002	NYG1162764	65,700	32.85
CV0143	Hazardous soils for stabilization	10/11/2002	NYB9707607	68,520	34.26
CV0143	Hazardous soils for stabilization		NYB9707643	61,420	30.71
CV0143	Hazardous soils for stabilization		NYB9707634	59,500	29.75
CV0143	Hazardous soils for stabilization	10/14/2002	NYB9707778	62,480	31.24
CV0143	Hazardous soils for stabilization	10/17/2002	NYB9707751	47,300	23.65
CV0143	Hazardous soils for stabilization		NYB9707769	47,920	23.96
CV0143	Hazardous soils for stabilization	10/18/2002	NYB9723186	47,460	23.73
CV0143	Hazardous soils for stabilization		NYB9707724	44,120	22.06
CV0143	Hazardous soils for stabilization		NYB9707742	48,980	24.49
CV0143	Hazardous soils for stabilization		NYB9723195	45,480	22.74
CV0143	Hazardous soils for stabilization		NYB9707715	49,260	24.63
CV0143	Hazardous soils for stabilization	10/21/2002	NYB9723123	67,780	33.89
CV0143	Hazardous soils for stabilization		NYB9723141	63,980	31.99
CV0143	Hazardous soils for stabilization		NYB9723132	67,140	33.57
CV0143	Hazardous soils for stabilization		NYB9723105	71,120	35.56
CV0143	Hazardous soils for stabilization	10/22/2002	NYB9707994	56,960	28.48
CV0143	Hazardous soils for stabilization		NYB9723159	54,280	27.14
CV0143	Hazardous soils for stabilization		NYB9708003	53,960	26.98
CV0143	Hazardous soils for stabilization	10/23/2002	NYB9707967	59,380	29.69
CV0143	Hazardous soils for stabilization		NYB9707958	62,040	31.02
CV0143	Hazardous soils for stabilization		NYB9707931	55,920	27.96
CV0143	Hazardous soils for stabilization		NYB9707913	50,080	25.04
CV0143	Hazardous soils for stabilization		NYB9707949	45,540	22.77
CV0143	Hazardous soils for stabilization		NYB9707922	50,180	25.09
CV0143	Hazardous soils for stabilization	10/24/2002	NYB9707832	59,160	29.58
CV0143	Hazardous soils for stabilization		NYB9707823	50,620	25.31
CV0143	Hazardous soils for stabilization		NYB9707904	47,340	23.67
CV0143	Hazardous soils for stabilization		NYB9707877	47,900	23.95
CV0143	Hazardous soils for stabilization		NYB9707868	46,980	23.49
CV0143	Hazardous soils for stabilization		NYB9707859	47,740	23.87
CV0143	Hazardous soils for stabilization		NYB9707895	50,080	25.04
CV0143	Hazardous soils for stabilization		NYB9707886	51,060	25.53
CV0143	Hazardous soils for stabilization	10/25/2002	NYB9707814	53,700	26.85
CV0143	Hazardous soils for stabilization		NYB9707805	63,680	31.84

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
CV0143	Hazardous soils for stabilization		NYB9689949	43,560	21.78
CV0143	Hazardous soils for stabilization		NYB9689958	62,560	31.28
CV0143	Hazardous soils for stabilization		NYB9689787	55,880	27.94
CV0143	Hazardous soils for stabilization		NYB9689778	54,480	27.24
CV0143	Hazardous soils for stabilization		NYB9689913	45,060	22.53
CV0143	Hazardous soils for stabilization		NYB9689904	45,420	22.71
CV0143	Hazardous soils for stabilization		NYB9689967	46,500	23.25
CV0143	Hazardous soils for stabilization		NYB9689922	45,220	22.61
CV0143	Hazardous soils for stabilization	10/28/2002	NYB9686421	43,180	21.59
CV0143	Hazardous soils for stabilization		NYB9686412	48,640	24.32
CV0143	Hazardous soils for stabilization		NYB9686367	52,480	26.24
CV0143	Hazardous soils for stabilization	10/29/2002	NYB9686358	53,680	26.84
CV0143	Hazardous soils for stabilization		NYB9686385	47,440	23.72
CV0143	Hazardous soils for stabilization		NYB9686403	50,460	25.23
CV0143	Hazardous soils for stabilization		NYB9686376	48,420	24.21
CV0143	Hazardous soils for stabilization		NYB9686394	47,220	23.61
CV0143	Hazardous soils for stabilization	10/30/2002	NYB9686142	55,860	27.93
CV0143	Hazardous soils for stabilization		NYB9686331	50,440	25.22
CV0143	Hazardous soils for stabilization		NYB9686349	52,800	26.4
CV0143	Hazardous soils for stabilization		NYB9686133	52,460	26.23
CV0143	Hazardous soils for stabilization		NYB9686151	46,120	23.06
CV0143	Hazardous soils for stabilization	10/31/2002	NYB9686214	55,000	27.5
CV0143	Hazardous soils for stabilization		NYB9686196	54,860	27.43
CV0143	Hazardous soils for stabilization		NYB9686205	45,400	22.7
CV0143	Hazardous soils for stabilization		NYB9686187	54,220	27.11
CV0143	Hazardous soils for stabilization		NYB9686178	63,860	31.93
CV0143	Hazardous soils for stabilization		NYB9686169	47,740	23.87
CV0143	Hazardous soils for stabilization	11/1/2002	NYB9686268	56,580	28.29
CV0143	Hazardous soils for stabilization		NYB9686259	42,580	21.29
CV0143	Hazardous soils for stabilization		NYB9686232	55,980	27.99
CV0143	Hazardous soils for stabilization		NYB9686241	52,560	26.28
CV0143	Hazardous soils for stabilization		NYB9686223	44,880	22.44
CV0143	Hazardous soils for stabilization		NYB9686277	45,700	22.85
CV0143	Hazardous soils for stabilization	11/4/2002	NYB9686304	41,860	20.93
CV0143	Hazardous soils for stabilization		NYB9690003	34,340	17.17

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
CV0143	Hazardous soils for stabilization		NYB9686286	61,620	30.81
CV0143	Hazardous soils for stabilization		NYB9686295	64,580	32.29
CV0143	Hazardous soils for stabilization		NYB9686322	57,940	28.97
CV0143	Hazardous soils for stabilization		NYB9686313	56,180	28.09
CV0143	Hazardous soils for stabilization	11/5/2002	NYB9748791	39,340	19.67
CV0143	Hazardous soils for stabilization		NYB9748854	32,580	16.29
CV0143	Hazardous soils for stabilization	11/6/2002	NYB9748845	46,920	23.46
CV0143	Hazardous soils for stabilization		NYB9748953	50,020	25.01
CV0143	Hazardous soils for stabilization		NYB9748872	45,620	22.81
CV0143	Hazardous soils for stabilization		NYB9748863	47,440	23.72
CV0143	Hazardous soils for stabilization		NYB9748899	47,920	23.96
CV0143	Hazardous soils for stabilization		NYB9748881	49,160	24.58
CV0143	Hazardous soils for stabilization	11/7/2002	NYB9749106	39,200	19.6
CV0143	Hazardous soils for stabilization		NYB9749097	35,220	17.61
CV0143	Hazardous soils for stabilization	11/8/2002	NYB9749079	35,600	17.8
CV0143	Hazardous soils for stabilization		NYB9749043	52,780	26.39
CV0143	Hazardous soils for stabilization		NYB9749034	44,220	22.11
CV0143	Hazardous soils for stabilization		NYB9749052	52,400	26.2
CV0143	Hazardous soils for stabilization		NYB9749061	58,320	29.16
CV0143	Hazardous soils for stabilization		NYB9749088	38,600	19.3
CV0143	Hazardous soils for stabilization	11/11/2002	NYB9748971	50,100	25.05
CV0143	Hazardous soils for stabilization		NYB9749007	52,360	26.18
CV0143	Hazardous soils for stabilization		NYB9748998	48,700	24.35
CV0143	Hazardous soils for stabilization		NYB9749025	39,320	19.66
CV0143	Hazardous soils for stabilization		NYB9749016	41,940	20.97
CV0143	Hazardous soils for stabilization	11/12/2002	NYB9748962	41,100	20.55
CV0143	Hazardous soils for stabilization		NYB9748989	51,680	25.84
CV0143	Hazardous soils for stabilization		NYB9748836	42,860	21.43
CV0143	Hazardous soils for stabilization		NYB9748827	51,120	25.56
CV0143	Hazardous soils for stabilization		NYB9748818	62,960	31.48
CV0143	Hazardous soils for stabilization	11/13/2002	NYB9749745	71,900	35.95
CV0143	Hazardous soils for stabilization		NYB9748944	72,060	36.03
CV0143	Hazardous soils for stabilization		NYB9748908	58,780	29.39
CV0143	Hazardous soils for stabilization		NYB9748935	64,360	32.18
CV0143	Hazardous soils for stabilization		NYB9748926	68,760	34.38

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
CV0143	Hazardous soils for stabilization	11/14/2002	NYB9748917	68,020	34.01
CV0143	Hazardous soils for stabilization		NYB9749754	61,940	30.97
CV0143	Hazardous soils for stabilization		NYB9735174	51,200	25.6
CV0143	Hazardous soils for stabilization	11/15/2002	NYB9749853	60,080	30.04
CV0143	Hazardous soils for stabilization		NYB9735156	67,200	33.6
CV0143	Hazardous soils for stabilization		NYB9735165	68,160	34.08
CV0143	Hazardous soils for stabilization	11/15/2002	NYB9749862	63,820	31.91
CV0143	Hazardous soils for stabilization		NYB9735129	51,080	25.54
CV0143	Hazardous soils for stabilization		NYB9735147	50,120	25.06
CV0143	Hazardous soils for stabilization	12/2/2002	NYB9735111	56,020	28.01
CV0143	Hazardous soils for stabilization		NYB9735138	45,180	22.59
CV0143	Hazardous soils for stabilization		NYB9735093	66,340	33.17
CV0143	Hazardous soils for stabilization	12/3/2002	NYB9735102	67,620	33.81
CV0143	Hazardous soils for stabilization		NYB9735012	69,260	34.63
CV0143	Hazardous soils for stabilization		NYB9735021	66,640	33.32
CV0143	Hazardous soils for stabilization	12/4/2002	NYB9735048	69,740	34.87
CV0143	Hazardous soils for stabilization		NYB9735039	67,240	33.62
CV0143	Hazardous soils for stabilization		NYB9735084	63,500	31.75
CV0143	Hazardous soils for stabilization	12/5/2002	NYB9735075	61,380	30.69
CV0143	Hazardous soils for stabilization		NYB9749781	71,440	35.72
CV0143	Hazardous soils for stabilization		NYB9749772	66,460	33.23
CV0143	Hazardous soils for stabilization	12/10/2002	NYB9749763	66,180	33.09
CV0143	Hazardous soils for stabilization		NYB9735057	63,920	31.96
CV0143	Hazardous soils for stabilization		NYB9735066	59,960	29.98
CV0143	Hazardous soils for stabilization	12/5/2002	NYB9749799	67,160	33.58
CV0143	Hazardous soils for stabilization		NYB9749583	63,600	31.8
CV0143	Hazardous soils for stabilization		NYB9749817	35,640	17.82
CV0143	Hazardous soils for stabilization	12/10/2002	NYB9749574	66,000	33
CV0143	Hazardous soils for stabilization		NYB9749835	48,620	24.31
CV0143	Hazardous soils for stabilization		NYB9749808	38,980	19.49
CV0143	Hazardous soils for stabilization	12/10/2002	NYB9749826	33,600	16.8
CV0143	Hazardous soils for stabilization		NYB9749475	48,260	24.13
CV0143	Hazardous soils for stabilization		NYB9749466	65,740	32.87
CV0143	Hazardous soils for stabilization	12/10/2002	NYB9749637	66,220	33.11
CV0143	Hazardous soils for stabilization		NYB9749628	66,780	33.39

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
CV0143	Hazardous soils for stabilization		NYB9749448	44,000	22
CV0143	Hazardous soils for stabilization		NYB9749457	36,980	18.49
CV0143	Hazardous soils for stabilization		NYB9749592	48,120	24.06
CV0143	Hazardous soils for stabilization	12/11/2002	NYB9749565	70,260	35.13
CV0143	Hazardous soils for stabilization		NYB9749601	70,440	35.22
CV0143	Hazardous soils for stabilization		NYB9749493	68,220	34.11
CV0143	Hazardous soils for stabilization		NYB9749619	69,800	34.9
CV0143	Hazardous soils for stabilization		NYB9749556	48,260	24.13
CV0143	Hazardous soils for stabilization		NYB9749484	51,400	25.7
CV0143	Hazardous soils for stabilization	12/12/2002	NYB9749502	64,660	32.33
CV0143	Hazardous soils for stabilization		NYB9749538	65,000	32.5
CV0143	Hazardous soils for stabilization		NYB9749547	68,460	34.23
CV0143	Hazardous soils for stabilization	12/18/2002	NYB9749727	66,840	33.42
CV0143	Hazardous soils for stabilization		NYB9749718	66,880	33.44
CV0143	Hazardous soils for stabilization		NYB9749664	70,880	35.44
CV0143	Hazardous soils for stabilization		NYB9749736	58,820	29.41
CV0143	Hazardous soils for stabilization		NYB9749709	68,160	34.08
CV0143	Hazardous soils for stabilization		NYB9749682	69,320	34.66
CV0143	Hazardous soils for stabilization		NYB9749691	70,180	35.09
CV0143	Hazardous soils for stabilization		NYB9749673	54,700	27.35
CV0143	Hazardous soils for stabilization	12/19/2002	NYB9749529	54,840	27.42
CV0143	Hazardous soils for stabilization		NYB9749655	67,420	33.71
CV0143	Hazardous soils for stabilization		NYB9749646	66,740	33.37
CV0143	Hazardous soils for stabilization		NYB9730584	67,760	33.88
CV0143	Hazardous soils for stabilization		NYB9730593	67,060	33.53
CV0143	Hazardous soils for stabilization		NYB9730602	65,560	32.78
CV0143	Hazardous soils for stabilization		NYB9730521	52,380	26.19
CV0143	Hazardous soils for stabilization		NYB9749511	42,740	21.37
CV0143	Hazardous soils for stabilization	12/20/2002	NYB9730791	70,300	35.15
CV0143	Hazardous soils for stabilization		NYB9730782	69,120	34.56
CV0143	Hazardous soils for stabilization		NYB9730548	67,440	33.72
CV0143	Hazardous soils for stabilization		NYB9730809	64,540	32.27
CV0143	Hazardous soils for stabilization		NYB9730566	67,380	33.69
CV0143	Hazardous soils for stabilization		NYB9730818	48,340	24.17
				SUBTOTAL	4,823.98

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
CV0143	Hazardous soils for stabilization	1/6/2003	NYB9730557	64,600	32.3
CV0143	Hazardous soils for stabilization		NYB9730755	69,620	34.81
CV0143	Hazardous soils for stabilization		NYB9730773	66,360	33.18
CV0143	Hazardous soils for stabilization	1/7/2003	NYB9730764	65,000	32.5
CV0143	Hazardous soils for stabilization		NYB9730575	65,840	32.92
CV0143	Hazardous soils for stabilization		NYB9730746	68,920	34.46
CV0143	Hazardous soils for stabilization		NYB9730737	59,020	29.51
CV0143	Hazardous soils for stabilization		NYB9730728	51,620	25.81
CV0143	Hazardous soils for stabilization		NYB9730692	61,220	30.61
CV0143	Hazardous soils for stabilization		NYB9730701	47,160	23.58
CV0143	Hazardous soils for stabilization		NYB9730683	62,160	31.08
CV0143	Hazardous soils for stabilization		NYB9730719	61,980	30.99
CV0143	Hazardous soils for stabilization		NYB9730611	66,860	33.43
CV0143	Hazardous soils for stabilization	1/8/2003	NYB9730647	68,280	34.14
CV0143	Hazardous soils for stabilization		NYB9730656	67,960	33.98
CV0143	Hazardous soils for stabilization		NYB9730665	65,880	32.94
CV0143	Hazardous soils for stabilization	1/9/2003	NYB9728001	57,520	28.76
CV0143	Hazardous soils for stabilization		NYB9730674	62,220	31.11
CV0143	Hazardous soils for stabilization		NYB9727983	68,960	34.48
CV0143	Hazardous soils for stabilization		NYB9727992	65,700	32.85
CV0143	Hazardous soils for stabilization		NYB9727965	62,860	31.43
CV0143	Hazardous soils for stabilization		NYB9727974	65,340	32.67
CV0143	Hazardous soils for stabilization		NYB9727929	71,200	35.6
CV0143	Hazardous soils for stabilization		NYB9727947	67,740	33.87
CV0143	Hazardous soils for stabilization		NYB9727938	69,860	34.93
CV0143	Hazardous soils for stabilization		NYB9727956	46,280	23.14
CV0143	Hazardous soils for stabilization	1/10/2003	NYB9727911	59,200	29.6
CV0143	Hazardous soils for stabilization		NYB9727857	68,080	34.04
CV0143	Hazardous soils for stabilization		NYB9727848	67,800	33.9
CV0143	Hazardous soils for stabilization		NYB9727839	67,100	33.55
CV0143	Hazardous soils for stabilization		NYB9727893	61,820	30.91
CV0143	Hazardous soils for stabilization		NYB9727866	80,660	40.33
CV0143	Hazardous soils for stabilization		NYB9727875	75,520	37.76
CV0143	Hazardous soils for stabilization		NYB9727884	68,620	34.31
CV0143	Hazardous soils for stabilization		NYB9730629	67,620	33.81

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
CV0143	Hazardous soils for stabilization	1/13/2003	NYB9730638	68,440	34.22
CV0143	Hazardous soils for stabilization		NYB9727803	49,720	24.86
CV0143	Hazardous soils for stabilization		NYB9727812	64,860	32.43
CV0143	Hazardous soils for stabilization		NYB9727785	65,020	32.51
CV0143	Hazardous soils for stabilization		NYB9727776	65,200	32.6
CV0143	Hazardous soils for stabilization	1/14/2003	NYB9727758	50,460	25.23
CV0143	Hazardous soils for stabilization		NYB9727794	46,660	23.33
CV0143	Hazardous soils for stabilization		NYB9727821	45,580	22.79
CV0143	Hazardous soils for stabilization		NYB9727767	42,560	21.28
CV0143	Hazardous soils for stabilization		NYB9727731	45,160	22.58
CV0143	Hazardous soils for stabilization		NYB9727641	60,220	30.11
CV0143	Hazardous soils for stabilization		NYB9727704	72,940	36.47
CV0143	Hazardous soils for stabilization		NYB9727695	65,520	32.76
CV0143	Hazardous soils for stabilization		NYB9727686	59,720	29.86
CV0143	Hazardous soils for stabilization		NYB9727722	57,240	28.62
CV0143	Hazardous soils for stabilization	1/15/2003	NYB9727713	44,860	22.43
CV0143	Hazardous soils for stabilization		NYB9727749	46,280	23.14
CV0143	Hazardous soils for stabilization		NYB9727668	72,580	36.29
CV0143	Hazardous soils for stabilization		NYB9727659	65,300	32.65
CV0143	Hazardous soils for stabilization		NYB9727569	42,440	21.22
CV0143	Hazardous soils for stabilization		NYB9727614	63,180	31.59
CV0143	Hazardous soils for stabilization		NYB9749844	53,480	26.74
CV0143	Hazardous soils for stabilization		NYB9727533	64,920	32.46
CV0143	Hazardous soils for stabilization		NYB9727587	63,540	31.77
CV0143	Hazardous soils for stabilization		NYB9727542	45,280	22.64
CV0143	Hazardous soils for stabilization	1/16/2003	NYB9727551	43,180	21.59
CV0143	Hazardous soils for stabilization		NYB9727596	51,500	25.75
CV0143	Hazardous soils for stabilization		NYB9727623	61,780	30.89
CV0143	Hazardous soils for stabilization		NYB9727488	69,640	34.82
CV0143	Hazardous soils for stabilization		NYB9727497	66,720	33.36
CV0143	Hazardous soils for stabilization		NYB9727479	43,700	21.85
CV0143	Hazardous soils for stabilization		NYB9727524	40,820	20.41
CV0143	Hazardous soils for stabilization		NYB9727434	46,280	23.14
CV0143	Hazardous soils for stabilization		NYB9727506	60,320	30.16
CV0143	Hazardous soils for stabilization		NYB9727416	45,480	22.74

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
CV0143	Hazardous soils for stabilization		NYB9727425	42,620	21.31
CV0143	Hazardous soils for stabilization		NYB9727515	52,720	26.36
CV0143	Hazardous soils for stabilization		NYB9789624	43,060	21.53
CV0143	Hazardous soils for stabilization	1/20/2003	NYB9789606	53,840	26.92
CV0143	Hazardous soils for stabilization		NYB9727461	36,840	18.42
CV0143	Hazardous soils for stabilization		NYB9727452	47,100	23.55
CV0143	Hazardous soils for stabilization		NYB9789615	60,620	30.31
CV0143	Hazardous soils for stabilization		NYB9727443	43,480	21.74
CV0143	Hazardous soils for stabilization	1/21/2003	NYB9789651	63,840	31.92
CV0143	Hazardous soils for stabilization		NYB9789669	66,040	33.02
CV0143	Hazardous soils for stabilization		NYB9789642	61,000	30.5
CV0143	Hazardous soils for stabilization		NYB9727632	53,700	26.85
CV0143	Hazardous soils for stabilization		NYB9789678	58,300	29.15
CV0143	Hazardous soils for stabilization		NYB9789687	61,300	30.65
CV0143	Hazardous soils for stabilization	1/29/2003	NYB9790299	70,580	35.29
CV0143	Hazardous soils for stabilization		NYB9790272	54,920	27.46
CV0143	Hazardous soils for stabilization		NYB9790281	69,460	34.73
CV0143	Hazardous soils for stabilization		NYB9790263	61,720	30.86
CV0143	Hazardous soils for stabilization		NYB9790254	48,460	24.23
CV0143	Hazardous soils for stabilization	1/30/2003	NYB9790227	47,520	23.76
CV0143	Hazardous soils for stabilization		NYB9790245	59,440	29.72
CV0143	Hazardous soils for stabilization		NYB9790236	63,720	31.86
CV0143	Hazardous soils for stabilization		NYB9790218	44,160	22.08
CV0143	Hazardous soils for stabilization		NYB9790209	64,240	32.12
SUBTOTAL				2,772.92	
	Hazardous soils for stabilization	5/16/2005	NYH1404801	77,540	38.77
	Hazardous soils for stabilization		NYH1404819	67,680	33.84
	Hazardous soils for stabilization	5/19/2005	NYH1404873	61,560	30.78
	Hazardous soils for stabilization		NYH1404864	64,700	32.35
	Hazardous soils for stabilization		NYH1404855	74,420	37.21
	Hazardous soils for stabilization		NYH1404846	69,860	34.93
	Hazardous soils for stabilization		NYH1404837	67,220	33.61
	Hazardous soils for stabilization		NYH1404828	68,260	34.13
	Hazardous soils for stabilization		NYH1404882	74,620	37.31
	Hazardous soils for stabilization	5/20/2005	NYH1404891	47,800	23.9

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
	Hazardous soils for stabilization		NYH1404909	49,260	24.63
	Hazardous soils for stabilization		NYH1404927	64,700	32.35
	Hazardous soils for stabilization		NYH1404918	70,200	35.1
	Hazardous soils for stabilization		NYH1404936	66,560	33.28
	Hazardous soils for stabilization		NYH1404945	70,660	35.33
	Hazardous soils for stabilization	5/23/2005	NYH1404954	76,200	38.1
	Hazardous soils for stabilization		NYH1404963	65,260	32.63
	Hazardous soils for stabilization		NYB9339921	69,720	34.86
	Hazardous soils for stabilization		NYB9339939	74,740	37.37
	Hazardous soils for stabilization		NYB9339948	48,240	24.12
	Hazardous soils for stabilization		NYB9339912	61,020	30.51
	Hazardous soils for stabilization	5/24/2005	NYB9339957	72,500	36.25
	Hazardous soils for stabilization		NYB9339966	64,940	32.47
	Hazardous soils for stabilization		NYB9339975	54,540	27.27
	Hazardous soils for stabilization		NYB9339984	48,780	24.39
	Hazardous soils for stabilization		NYB9339993	65,380	32.69
	Hazardous soils for stabilization		NYB9340002	65,780	32.89
	Hazardous soils for stabilization	5/25/2005	NYH1461969	72,160	36.08
	Hazardous soils for stabilization		NYH1461978	66,100	33.05
	Hazardous soils for stabilization		NYH1461987	68,100	34.05
	Hazardous soils for stabilization		NYH1462005	70,480	35.24
	Hazardous soils for stabilization		NYH1461996	48,320	24.16
	Hazardous soils for stabilization		NYH1461636	50,920	25.46
	Hazardous soils for stabilization	5/26/2005	NYH1461654	66,080	33.04
	Hazardous soils for stabilization		NYH1461645	50,400	25.2
	Hazardous soils for stabilization		NYH1461663	57,980	28.99
	Hazardous soils for stabilization		NYH1461672	69,080	34.54
	Hazardous soils for stabilization		NYH1461681	73,240	36.62
	Hazardous soils for stabilization		NYH1461699	62,200	31.1
	Hazardous soils for stabilization		NYH1461708	69,260	34.63
	Hazardous soils for stabilization		NYH1461717	50,400	25.2
	Hazardous soils for stabilization		NYH1461726	48,780	24.39
	Hazardous soils for stabilization		NYH1461744	64,020	32.01
	Hazardous soils for stabilization	5/27/2005	NYH1461753	75,220	37.61
	Hazardous soils for stabilization		NYH1461762	70,960	35.48

Table D-2. Soil IRM Hazardous Waste T&D Summary for Stabilized Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons
	Hazardous soils for stabilization		NYH1461771	52,300	26.15
	Hazardous soils for stabilization		NYH1461789	66,240	33.12
	Hazardous soils for stabilization	5/31/2005	NYH1461816	63,800	31.9
	Hazardous soils for stabilization		NYH1461807	65,480	32.74
	Hazardous soils for stabilization		NYH1461798	59,180	29.59
			SUBTOTAL	1,601.42	
			TOTAL	9,198.32	

Table D-3. Soil IIRM Hazardous Waste T&D Summary for Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons	
CV0165	Hazardous soil for direct landfill	10/22/2002	NYG1163007	51,480	25.74	
CV0165	Hazardous soil for direct landfill		NYG1163079	49,400	24.7	
CV0165	Hazardous soil for direct landfill		NYG1163052	58,940	29.47	
CV0165	Hazardous soil for direct landfill		NYG1163025	53,940	26.97	
CV0165	Hazardous soil for direct landfill		NYG1163016	61,740	30.87	
CV0165	Hazardous soil for direct landfill		NYG1163097	59,920	29.96	
CV0165	Hazardous soil for direct landfill		NYG1163034	68,320	34.16	
CV0165	Hazardous soil for direct landfill		NYG1163043	63,440	31.72	
CV0165	Hazardous soil for direct landfill		NYG1163088	59,480	29.74	
CV0165	Hazardous soil for direct landfill		NYG1163061	56,520	28.26	
CV0165	Hazardous soil for direct landfill		NYB9689841	66,940	33.47	
CV0165	Hazardous soil for direct landfill		NYB9689814	59,520	29.76	
CV0165	Hazardous soil for direct landfill		NYB9689859	49,720	24.86	
CV0165	Hazardous soil for direct landfill		NYB9689823	60,580	30.29	
CV0165	Hazardous soil for direct landfill		NYB9689832	71,160	35.58	
CV0165	Hazardous soil for direct landfill		NYB9689805	44,800	22.4	
CV0165	Hazardous soil for direct landfill	NYB9689868	64,880	32.44		
CV0165	Hazardous soil for direct landfill	10/24/2002	NYB9689895	59,020	29.51	
CV0165	Hazardous soil for direct landfill		NYB9689769	59,760	29.88	
CV0165	Hazardous soil for direct landfill		NYB9689796	43,020	21.51	
CV0165	Hazardous soil for direct landfill		NYB9689886	48,240	24.12	
CV0165	Hazardous soil for direct landfill		NYB9689877	46,480	23.24	
SUBTOTAL				628.65		
CV0165	Hazardous soil for direct landfill		1/20/2003	NYB9790722	62,780	31.39
CV0165	Hazardous soil for direct landfill			NYB9684036	54,560	27.28
CV0165	Hazardous soil for direct landfill	NYB9684054		49,980	24.99	
CV0165	Hazardous soil for direct landfill	NYB9689985		65,040	32.52	
CV0165	Hazardous soil for direct landfill	NYB9684045		48,060	24.03	
CV0165	Hazardous soil for direct landfill	NYB9689994		65,440	32.72	
CV0165	Hazardous soil for direct landfill	NYB9790713		66,920	33.46	
CV0165	Hazardous soil for direct landfill	NYB9790704		65,580	32.79	
CV0165	Hazardous soil for direct landfill	NYB9689976		43,480	21.74	
SUBTOTAL				260.92		
TOTAL				889.57		

Table D-4. Soil IRM Hazardous Waste T&D Summary for Shipments to Canada's Stables Facility

Profile #	Waste Name	Date	NY Manifest	Pounds	Tons
15289	Contaminated soil with chromium	12/19/2002	NYG2459142	50,031	25.02
15289	Contaminated soil with chromium		NYG2459124	43,924	21.96
15289	Contaminated soil with chromium		NYG2459133	39,624	19.81
			SUBTOTAL		66.79
15289	Contaminated soil with chromium	1/20/2003	NYG2459079	57,925	28.96
15289	Contaminated soil with chromium	1/20/2003	NYG2459106	37,551	18.78
15289	Contaminated soil with chromium	1/20/2003	NYG2459088	42,777	21.39
15289	Contaminated soil with chromium	1/20/2003	NYG2459115	30,826	15.41
15289	Contaminated soil with chromium	1/21/2003	NYG2459313	33,428	16.71
15289	Contaminated soil with chromium	1/21/2003	NYG2459043	34,420	17.21
15289	Contaminated soil with chromium	1/21/2003	NYG2459295	35,412	17.71
15289	Contaminated soil with chromium	1/21/2003	NYG2459034	35,214	17.61
15289	Contaminated soil with chromium	1/21/2003	NYG2459097	37,441	18.72
15289	Contaminated soil with chromium	1/22/2003	NYG2459232	53,846	26.92
15289	Contaminated soil with chromium	1/22/2003	NYG2459241	43,439	21.72
15289	Contaminated soil with chromium	1/22/2003	NYG2459259	37,706	18.85
15289	Contaminated soil with chromium	1/22/2003	NYG2459268	32,193	16.10
15289	Contaminated soil with chromium	1/22/2003	NYG2459277	36,625	18.31
15289	Contaminated soil with chromium	1/22/2003	NYG2459286	39,492	19.75
15289	Contaminated soil with chromium	1/23/2003	NYG2459214	35,853	17.93
15289	Contaminated soil with chromium	1/23/2003	NYG2459196	43,461	21.73
15289	Contaminated soil with chromium	1/23/2003	NYG2459223	32,369	16.18
15289	Contaminated soil with chromium	1/23/2003	NYG2459187	33,935	16.97
15289	Contaminated soil with chromium	1/27/2003	NYG2459178	44,585	22.29
15289	Contaminated soil with chromium		NYG2459151	34,530	17.27
15289	Contaminated soil with chromium		NYG1162755	43,549	21.77
15289	Contaminated soil with chromium		NYG2459169	35,611	17.81
15289	Contaminated soil with chromium		NYG1162845	34,508	17.25
15289	Contaminated soil with chromium		NYG1162836	56,183	28.09
15289	Contaminated soil with chromium	1/28/2003	NYG2459988	43,086	21.54
15289	Contaminated soil with chromium		NYG2459889	42,446	21.22
15289	Contaminated soil with chromium		NYG2459979	41,410	20.71
15289	Contaminated soil with chromium		NYG2459997	41,256	20.63
15289	Contaminated soil with chromium		NYG2460006	46,989	23.49

Table D-4. Soil IRM Hazardous Waste T&D Summary for Shipments to Canada's Stablex Facility

Profile #	Waste Name	Date	NY Manifest	Pounds	Tons
15289	Contaminated soil with chromium	1/29/2003	NYG2458062	55,301	27.65
15289	Contaminated soil with chromium		NYG2459727	35,787	17.89
15289	Contaminated soil with chromium		NYG2459664	44,894	22.45
15289	Contaminated soil with chromium		NYG2459718	42,248	21.12
15289	Contaminated soil with chromium		NYG2458107	34,619	17.31
15289	Contaminated soil with chromium	1/30/2003	NYG2458098	59,028	29.51
15289	Contaminated soil with chromium		NYG2458071	38,257	19.13
15289	Contaminated soil with chromium		NYG2458089	40,307	20.15
15289	Contaminated soil with chromium		NYG2459646	45,577	22.79
15289	Contaminated soil with chromium		NYG2459637	38,742	19.37
15289	Contaminated soil with chromium		NYG2459628	46,944	23.47
15289	Contaminated soil with chromium		NYG2459619	52,876	26.44
15289	Contaminated soil with chromium		NYG2458161	47,121	23.56
15289	Contaminated soil with chromium		NYG2459835	38,279	19.14
15289	Contaminated soil with chromium		NYG2459844	44,673	22.34
15289	Contaminated soil with chromium	2/3/2003	NYG2459826	54,794	27.40
15289	Contaminated soil with chromium		NYG2459799	45,489	22.74
15289	Contaminated soil with chromium		NYG2459781	37,926	18.96
15289	Contaminated soil with chromium		NYG2459772	45,423	22.71
15289	Contaminated soil with chromium		NYG2458026	34,839	17.42
15289	Contaminated soil with chromium	2/4/2003	NYG2458152	37,772	18.89
15289	Contaminated soil with chromium		NYG2458017	50,230	25.12
15289	Contaminated soil with chromium		NYG2458035	44,806	22.40
15289	Contaminated soil with chromium		NYG2458044	41,895	20.95
15289	Contaminated soil with chromium		NYG2458053	47,804	23.90
15289	Contaminated soil with chromium	2/5/2003	NYG2458125	40,726	20.36
15289	Contaminated soil with chromium		NYG2458116	37,375	18.69
15289	Contaminated soil with chromium		NYG2458134	35,986	17.99
15289	Contaminated soil with chromium		NYG2458143	48,929	24.46
15289	Contaminated soil with chromium		NYG2459853	50,847	25.42
15289	Contaminated soil with chromium		NYG2459916	41,873	20.94
15289	Contaminated soil with chromium		NYG2459907	48,356	24.18
15289	Contaminated soil with chromium		NYG2459898	46,437	23.22
15289	Contaminated soil with chromium		NYG2459925	47,187	23.59

Table D-4. Soil IRM Hazardous Waste T&D Summary for Shipments to Canada's Stables Facility

Profile #	Waste Name	Date	NY Manifest	Pounds	Tons
15289	Contaminated soil with chromium	2/6/2003	NYG2459934	49,899	24.95
15289	Contaminated soil with chromium		NYG2459862	40,638	20.32
15289	Contaminated soil with chromium		NYG2459943	43,461	21.73
15289	Contaminated soil with chromium		NYG2459871	41,542	20.77
15289	Contaminated soil with chromium		NYG2459736	46,547	23.27
15289	Contaminated soil with chromium		NYG2459763	34,905	17.45
15289	Contaminated soil with chromium	2/10/2003	NYG2459952	45,511	22.76
15289	Contaminated soil with chromium		NYG2459745	46,305	23.15
15289	Contaminated soil with chromium		NYG2459709	46,173	23.09
15289	Contaminated soil with chromium		NYG2459754	46,922	23.46
15289	Contaminated soil with chromium		NYG2459682	46,261	23.13
15289	Contaminated soil with chromium		NYG2458485	33,979	16.99
15289	Contaminated soil with chromium	2/11/2003	NYG2458476	45,666	22.83
15289	Contaminated soil with chromium		NYG2458494	36,735	18.37
15289	Contaminated soil with chromium		NYG2458467	36,184	18.09
15289	Contaminated soil with chromium		NYG2458503	37,463	18.73
15289	Contaminated soil with chromium		NYG2458449	36,912	18.46
15289	Contaminated soil with chromium		NYG2458458	26,967	13.48
15289	Contaminated soil with chromium	2/12/2003	NYG2458431	37,220	18.61
15289	Contaminated soil with chromium		NYG3197187	40,352	20.18
15289	Contaminated soil with chromium		NYG2458422	47,121	23.56
15289	Contaminated soil with chromium		NYG3197106	47,121	23.56
15289	Contaminated soil with chromium		NYG3197124	45,555	22.78
15289	Contaminated soil with chromium		NYG3197097	49,304	24.65
15289	Contaminated soil with chromium	2/13/2003	NYG2458386	34,530	17.27
15289	Contaminated soil with chromium		NYG2458413	46,503	23.25
15289	Contaminated soil with chromium		NYG2458404	39,293	19.65
15289	Contaminated soil with chromium		NYG2458377	45,180	22.59
15289	Contaminated soil with chromium		NYG2458368	45,644	22.82
15289	Contaminated soil with chromium		NYG2458359	46,062	23.03
15289	Contaminated soil with chromium	2/13/2003	NYG3197079	48,753	24.38
15289	Contaminated soil with chromium		NYG3197043	32,810	16.41
15289	Contaminated soil with chromium		NYG3197088	44,166	22.08
15289	Contaminated soil with chromium		NYG3197268	38,654	19.33

Table D-4. Soil IRM Hazardous Waste T&D Summary for Shipments to Canada's Stablex Facility

Profile #	Waste Name	Date	NY Manifest	Pounds	Tons
15289	Contaminated soil with chromium		NYG3197115	47,584	23.79
15289	Contaminated soil with chromium		NYG3197025	42,601	21.30
15289	Contaminated soil with chromium		NYG3197034	45,180	22.59
15289	Contaminated soil with chromium		NYG3197286	27,585	13.79
15289	Contaminated soil with chromium	2/20/2003	NHY3197295	40,550	20.27
				SUBTOTAL	2,167.62
				TOTAL	2,234.41

Table D-5. Process Buildings IRM Hazardous Waste T&D Summary for Direct Landfill Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons	Building
CV0165	Hazardous soil for direct landfill	10/14/2003	NYH1305684	60,740	30.37 -	
CV0165	Hazardous soil for direct landfill		NYH1305693	78,020	39.01 -	
CV0165	Hazardous soil for direct landfill		NYH1305675	60,000	30 -	
CV0165	Hazardous soil for direct landfill		NYH1305576	66,280	33.14 -	
CV0165	Hazardous soil for direct landfill		NYH1305594	67,040	33.52 -	
CV0165	Hazardous soil for direct landfill		NYH1305603	63,940	31.97 -	
CV0165	Hazardous soil for direct landfill		NYH1305639	57,860	28.93 -	
CV0165	Hazardous soil for direct landfill		NYH1305666	66,480	33.24 -	
CV0165	Hazardous soil for direct landfill		NYH1305612	61,320	30.66 -	
CV0165	Hazardous soil for direct landfill		NYH1305621	48,380	24.19 -	
CV0165	Hazardous soil for direct landfill	10/15/2003	NYH1305702	63,400	31.7 -	
CV0165	Hazardous soil for direct landfill		NYH1305711	64,720	32.36 -	
CV0165	Hazardous soil for direct landfill		NYH1305729	64,960	32.48 -	
CV0165	Hazardous soil for direct landfill		NYH1305648	65,460	32.73 -	
CV0165	Hazardous soil for direct landfill		NYH1305657	64,480	32.24 -	
CV0165	Hazardous soil for direct landfill	10/23/2003	NYH1305756	63,400	31.7 -	
CV0165	Hazardous soil for direct landfill		NYH1305738	61,180	30.59 -	
CV0165	Hazardous soil for direct landfill		NYH1305747	66,020	33.01 -	
CV0165	Hazardous soil for direct landfill	10/28/2003	NYH1305774	64,320	32.16 -	
CV0165	Hazardous soil for direct landfill		NYH1305765	63,040	31.52 Building 84	
CV0165	Hazardous soil for direct landfill	11/18/2003	NYH1305531	48,860	24.43 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1353996	66,920	33.46 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1305522	64,440	32.22 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1305558	59,760	29.88 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1305567	69,520	34.76 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1305981	60,840	30.42 Building 93	
CV0165	Hazardous soil for direct landfill	11/20/2003	NYH1354005	69,200	34.6 Building 84	
CV0165	Hazardous soil for direct landfill		NYH1305963	60,520	30.26 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1305783	61,140	30.57 Building 84	
CV0165	Hazardous soil for direct landfill	11/25/2003	NYH1305972	48,800	24.4 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1362915	52,540	26.27 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1362879	49,280	24.64 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1362924	69,140	34.57 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1362897	51,860	25.93 Building 93	
CV0165	Hazardous soil for direct landfill		NYH1362951	60,900	30.45 Building 93	

Table D-5. Process Buildings IRM Hazardous Waste T&D Summary for Direct Landfill Shipments to Waste Management's Model City Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons	Building
CV0165	Hazardous soil for direct landfill		NYH1362942	68,240	34.12	Building 93
CV0165	Hazardous soil for direct landfill		NYH1362933	66,800	33.4	Building 93
CV0165	Hazardous soil for direct landfill		NYH1362888	60,280	30.14	Building 93
CV0165	Hazardous soil for direct landfill	12/4/2003	NYH1362987	65,140	32.57	Building 93
CV0165	Hazardous soil for direct landfill		NYH1362978	63,580	31.79	Building 93
CV0165	Hazardous soil for direct landfill		NYH1362969	68,180	34.09	Building 93
CV0165	Hazardous soil for direct landfill		NYH1362996	68,900	34.45	Building 93
				SUBTOTAL	1,312.94	
CV0165	Hazardous soil for direct landfill	3/10/2004	NYH1402254	67,500	33.75	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402263	61,380	30.69	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402272	62,460	31.23	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402281	45,220	22.61	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402299	49,860	24.93	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402308	78,660	39.33	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402317	75,460	37.73	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402326	46,280	23.14	Building 87
CV0165	Hazardous soil for direct landfill	3/11/2004	NYH1402398	82,380	41.19	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402389	58,640	29.32	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402362	66,210	33.105	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402371	63,580	31.79	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402353	64,680	32.34	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402344	62,600	31.3	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402335	59,440	29.72	Building 87
CV0165	Hazardous soil for direct landfill	3/12/2004	NYH1402434	59,760	29.88	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402407	79,680	39.84	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402416	70,100	35.05	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402425	46,360	23.18	Building 87
CV0165	Hazardous soil for direct landfill		NYH1402443	59,260	29.63	Building 87
				SUBTOTAL	629.755	
				TOTAL	1,942.70	

Table D-6. Process Buildings IRM Hazardous Waste T&D Summary for Shipments to Canada's Stablex Facility

Profile #	Waste Name	Date	NY Manifest	Pounds	Tons	Stockpile #
15289	Contaminated soil with chromium	9/24/2003	NYG3197403	38,301	19.14	-
15289	Contaminated soil with chromium		NYG3570156	35,942	17.96	-
15289	Contaminated soil with chromium		NYG3570165	39,888	19.94	-
15289	Contaminated soil with chromium		NYG3570174	43,946	21.96	-
15289	Contaminated soil with chromium		NYG3570183	43,813	21.90	-
15289	Contaminated soil with chromium		NYG3570192	46,856	23.42	-
15289	Contaminated soil with chromium		NYG3570219	46,239	23.11	-
				SUBTOTAL	147.43	
15289	Contaminated soil with chromium	1/7/2004	NYG3569346	45,120	22.56	Building 93
15289	Contaminated soil with chromium		NYG3569382	39,240	19.62	Building 93
15289	Contaminated soil with chromium	1/9/2004	NYG3569265	23,720	11.86	Building 93
15289	Contaminated soil with chromium		NYG3569301	26,600	13.30	Building 93
15289	Contaminated soil with chromium	1/12/2004	NYG3568536	36,740	18.37	Building 93
15289	Contaminated soil with chromium		NYG3568545	35,560	17.78	Building 93
15289	Contaminated soil with chromium		NYG3568527	37,500	18.75	Building 93
15289	Contaminated soil with chromium		NYG3568518	36,100	18.05	Building 93
15289	Contaminated soil with chromium		NYG3568653	40,560	20.28	Building 93
15289	Contaminated soil with chromium	1/13/2004	NYG3569508	35,860	17.93	Building 93
15289	Contaminated soil with chromium		NYG3569463	42,580	21.29	Building 93
15289	Contaminated soil with chromium		NYG3569499	34,160	17.08	Building 93
15289	Contaminated soil with chromium		NYG3569481	36,460	18.23	Building 93
15289	Contaminated soil with chromium		NYG3569472	33,320	16.66	Building 93
15289	Contaminated soil with chromium	1/14/2004	NYG3569454	32,640	16.32	Building 93
15289	Contaminated soil with chromium		NYG3569436	31,860	15.93	Building 93
15289	Contaminated soil with chromium		NYG3569427	29,880	14.94	Building 93
15289	Contaminated soil with chromium		NYG3569445	37,000	18.50	Building 93
15289	Contaminated soil with chromium		NYG3569418	38,040	19.02	Building 93
15289	Contaminated soil with chromium	1/15/2004	NYG3568644	34,260	17.13	Building 93
15289	Contaminated soil with chromium		NYG3568635	29,900	14.95	Building 93
15289	Contaminated soil with chromium		NYG3568617	40,680	20.34	Building 84
15289	Contaminated soil with chromium		NYG3568626	34,480	17.24	Building 84
15289	Contaminated soil with chromium		NYG3568608	38,080	19.04	Building 84
15289	Contaminated soil with chromium	1/16/2004	NYG3568572	34,640	17.32	Building 84
15289	Contaminated soil with chromium		NYG3568599	35,960	17.98	Building 84

Table D-6. Process Buildings IRM Hazardous Waste T&D Summary for Shipments to Canada's Stablex Facility

Profile #	Waste Name	Date	NY Manifest	Pounds	Tons	Stockpile #
15289	Contaminated soil with chromium		NYG3568554	36,760	18.38	Building 84
15289	Contaminated soil with chromium		NYG3568563	43,500	21.75	Building 84
15289	Contaminated soil with chromium		NYG3568581	40,200	20.10	Building 84
15289	Contaminated soil with chromium	3/29/2004	NYG3568923	33,800	16.90	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568905	44,160	22.08	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568914	41,340	20.67	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568932	46,960	23.48	Buildings 84 & 87
15289	Contaminated soil with chromium	3/30/2004	NYG3568833	41,080	20.54	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568842	41,280	20.64	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568887	47,740	23.87	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568851	43,060	21.53	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568716	42,580	21.29	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568896	47,380	23.69	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568869	47,280	23.64	Buildings 84 & 87
15289	Contaminated soil with chromium		NYG3568878	38,880	19.44	Buildings 84 & 87
15289	Contaminated soil with chromium	3/31/2004	NYG3568779	38,760	19.38	Building 87
15289	Contaminated soil with chromium		NYG3568788	39,240	19.62	Building 87
15289	Contaminated soil with chromium		NYG3568815	42,620	21.31	Building 87
15289	Contaminated soil with chromium		NYG3568707	41,040	20.52	Building 87
15289	Contaminated soil with chromium		NYG3568806	39,080	19.54	Building 87
15289	Contaminated soil with chromium		NYG3568797	39,240	19.62	Building 87
15289	Contaminated soil with chromium		NYG3568824	35,680	17.84	Building 87
15289	Contaminated soil with chromium	4/1/2004	NYG3568698	38,200	19.10	Building 87
15289	Contaminated soil with chromium		NYG3568734	40,260	20.13	Building 87
15289	Contaminated soil with chromium		NYG3568743	41,640	20.82	Building 87
15289	Contaminated soil with chromium		NYG3568761	42,800	21.40	Building 87
15289	Contaminated soil with chromium		NYG3568725	40,780	20.39	Building 87
15289	Contaminated soil with chromium		NYG3568752	35,960	17.98	Building 87
15289	Contaminated soil with chromium	4/7/2004	NYG3908943	39,820	19.91	Building 87
15289	Contaminated soil with chromium		NYG3909231	36,240	18.12	Building 87
15289	Contaminated soil with chromium		NYG3909339	43,140	21.57	Building 87
15289	Contaminated soil with chromium		NYG3909249	41,140	20.57	Building 87
15289	Contaminated soil with chromium		NYG3909258	36,080	18.04	Building 87
15289	Contaminated soil with chromium		NYG3909267	46,960	23.48	Building 87

Table D-6. Process Buildings IRM Hazardous Waste T&D Summary for Shipments to Canada's Stablex Facility

Profile #	Waste Name	Date	NY Manifest	Pounds	Tons	Stockpile #
15289	Contaminated soil with chromium		NYG3909006	46,160	23.08	Building 87
15289	Contaminated soil with chromium		NYG3909105	41,120	20.56	Building 87
15289	Contaminated soil with chromium	4/8/2004	NYG3909285	43,220	21.61	Building 87
15289	Contaminated soil with chromium		NYG3909222	34,360	17.18	Building 87
15289	Contaminated soil with chromium		NYG3909213	42,340	21.17	Building 87
15289	Contaminated soil with chromium		NYG3909204	40,640	20.32	Building 87
15289	Contaminated soil with chromium		NYG3909357	42,860	21.43	Building 87
15289	Contaminated soil with chromium		NYG3909276	41,360	20.68	Building 87
15289	Contaminated soil with chromium		NYG3909303	39,200	19.60	Building 87
15289	Contaminated soil with chromium		NYG3909294	48,000	24.00	Building 87
SUBTOTAL				1,367.44		
TOTAL				1,514.87		

Table D-7. Process Buildings IRM Hazardous Waste T&D Summary for Shipments to Waste Management's Arlington Facility

Profile #	Waste Name	Date	Manifest	Pounds	Tons	Building
C19815	CAMU waste	10/7/2003	NYH1305477	157,700	78.85	Building 93
C19815	CAMU waste		NYH1305486	167,500	83.75	Building 93
C19815	CAMU waste	10/21/2003	NYH1305504	171,900	85.95	Building 93
C19815	CAMU waste		NYH1305513	167,800	83.9	Building 93
C19815	CAMU waste	11/6/2003	NYH1305495	143,200	71.6	-
				SUBTOTAL	404.05	
C19815	CAMU waste	1/23/2004	NYH1305828	140,260	70.13	Building 84
C19815	CAMU waste		NYH1305819	162,860	81.43	Building 84
C19815	CAMU waste		NYH1305864	150,900	75.45	Building 84
C19815	CAMU waste		NYH1305855	165,960	82.98	Building 84
C19815	CAMU waste	2/3/2004	NYH1333098	170,200	85.1	Building 84
C19815	CAMU waste	3/30/2004	NYH1402029	165,960	82.98	Building 87
C19815	CAMU waste		NYH1402056	170,200	85.1	Building 87
				SUBTOTAL	563.17	
				TOTAL	967.22	

Table C-1. Soil IRM Non-Hazardous Waste Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRUCK (TRACTOR) LICENSE PLATE #	TRAILER LICENSE PLATE #	TRUCK NUMBER	TRAILER NUMBER	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	FACILITY PERMIT NUMBER	ACTUAL WEIGHT (tons)	STOCKPILE	AREA
10/29/2002	P27355 (NY)	AC96921 (NY)	37	T-13	BASF-177	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/00021-0	33.25	WC-AREA1-1-7A	AREA 1
10/29/2002	P23846 (NY)	AC96596 (NY)	35	T-1	BASF-178	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/00021-0	34.92	WC-AREA 1-1-7A	AREA 1
10/29/2002	PX6348 (NY)	AD80326 (NY)	197	T-97	BASF-179	SILVAROLE, INC. - RICHARD CARL TRUCKING	High Acres Landfill	8-2644-00048/00021-0	35.02	WC-AREA 1-1-7A	AREA 1
10/29/2002	18680PA (NY)	AE65965 (NY)	42	C-3	BASF-180	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/00021-0	33.48	WC-AREA1-1-7A	AREA 1
10/29/2002	18678PA (NY)	AE66000 (NY)	50	T-10	BASF-181	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/00021-0	33.32	WC-AREA1-1-7A	AREA 1
10/30/2002	37499PA (NY)	AF81666 (NY)	BG-4	IG-4	BASF-182	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/00021-0	33.17	WC-AREA1-1-7A	AREA 1
10/30/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-183	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/00021-0	34.38	WC-AREA1-1-7A	AREA 1
10/30/2002	PR8864 (NY)	AC96809 (NY)	39	T-12	BASF-184	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/00021-0	32.42	WC-AREA1-1-7A	AREA 1
10/30/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-185	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/00021-0	36.42	WC-AREA 1-1-7B	AREA 1
10/30/2002	14621PA (NY)	AF92573 (NY)	S-32	T-24	BASF-186	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/00021-0	33.88	WC-AREA 1-1-7B	AREA 1
10/30/2002	42740PA (NY)	AE92476 (NY)	S-64	T-25	BASF-187	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/00021-0	33.38	WC-AREA 1-1-7B	AREA 1
10/30/2002	PR8869 (NY)	AC 96567 (NY)	45	T-19	BASF-188	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/00021-0	32.38	WC-AREA 1-1-7C	AREA 1
10/30/2002	18680PA (NY)	AE65965 (NY)	42	C-3	BASF-189	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/00021-0	32.62	WC-AREA1-1-7C	AREA 1
10/30/2002	PX6348 (NY)	AD80326 (NY)	197	T-97	BASF-190	SILVAROLE, INC. - RICHARD CARL TRUCKING	High Acres Landfill	8-2644-00048/00021-0	34.17	WC-AREA 1-1-7C	AREA 1
10/30/2002	18678PA (NY)	AE65965 (NY)	50	T-50	BASF-191	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/00021-0	34.70	WC-AREA 1-1-7C	AREA 1
10/31/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-192	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/00021-0	36.91	WC-LFGCS-1-4	LFGCS
10/31/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-193	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/00021-0	34.03	WC-LFGCS-1-4	LFGCS
10/31/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-194	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/00021-0	35.43	WC-LFGCS-1-4	LFGCS
11/11/2002	37499PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-195	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/00021-0	32.08	WC-Areal-2-19	AREA 1
11/11/2002	42722PA (NY)	AF92573 (NY)	36	T-24	BASF-196	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/00021-0	32.35	WC-Areal-2-19	AREA 1
11/11/2002	38635PA (NY)	AC30600 (NY)	2684	D-32	BASF-197	SILVAROLE, INC. - WE CARE TRANSPORT	High Acres Landfill	8-2644-00048/00021-0	34.49	WC-Areal-2-19	AREA 1
11/11/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-198	SILVAROLE, INC. - DUNRITE, INC.	High Acres Landfill	8-2644-00048/00021-0	35.37	WC-Areal-2-19	AREA 1

Table C-1. Soil IRM Non-Hazardous Waste Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRUCK (TRACTOR) LICENSE PLATE #	TRAILER LICENSE PLATE #	TRUCK NUMBER	TRAILER NUMBER	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	FACILITY PERMIT NUMBER	ACTUAL WEIGHT (tons)	STOCKPILE	AREA
10/31/2002	P23792 (NY)	AC96638 (NY)	34	T-30	BASF-199	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.64	WC-LFGCS-1-4	LFGCS
11/1/2002	42740PA (NY)	AE92569 (NY)	S-64	T-22	BASF-200	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.10	WC-Areal-1-2-19	AREA 1
11/1/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-201	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.14	WC-Areal-1-2-19	AREA 1
11/1/2002	P27355 (NY)	AC96921 (NY)	37	T-13	BASF-202	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	27.08	WC-Areal-1-2-19	AREA 1
11/1/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-203	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	34.81	WC-Areal-1-2-19	AREA 1
11/1/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-204	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.72	WC-Areal-1-2-19	AREA 1
11/1/2002	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF-205	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.24	WC-Areal-1-3	AREA 4A
11/1/2002	16961PA (NY)	AE65993 (NY)	56	T-5	BASF-206	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	32.60	WC-Areal-1-3	AREA 4A
11/1/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-207	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.18	WC-Areal-1-3	AREA 4A
11/1/2002	PR8869 (NY)	AC 96567 (NY)	45	T-19	BASF-208	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.89	WC-Areal-1-3	AREA 4A
11/1/2002	42740PA (NY)	AE92569 (NY)	S-64	T-22	BASF-209	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.25	WC-Areal-1-3	AREA 4A
11/1/2002	38635PA (NY)	AN11880 (NY)	26-84	D-6	BASF-210	WE CARE TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.33	WC-Areal-1-3	AREA 4A
11/1/2002	18316PA (NY)	AE77289 (NY)	D-7	7A	BASF-211	SILVAROLE, INC. - DUNNITE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.91	WC-Areal-1-2 & WC-Areal-1-3	AREA 4A
11/1/2002	42722PA (NY)	AF92573 (NY)	36	T-24	BASF-212	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.50	WC-Areal-1-2 & WC-Areal-1-3	AREA 4A
11/1/2002	44525PA (NY)	AE52019 (NY)	97	T-99	BASF-213	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.81	WC-Areal-1-2	AREA 4A
11/1/2002	5699PB (NY)	AC96930 (NY)	41	T-25	BASF-214	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.48	WC-Areal-1-2	AREA 4A
11/1/2002	18679PA (NY)	AA10180 (NY)	40	T-10	BASF-215	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	35.94	WC-Areal-1-2	AREA 4A
11/1/2002	37499PA (NY)	AFB1606 (NY)	BG-4	IG-4	BASF-216	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.22	WC-Areal-1-2	AREA 4A
11/1/2002	7704PB (NY)	AC96843 (NY)	43	T-21	BASF-217	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.79	WC-Areal-1-2	AREA 4A
11/1/2002	PR8865 (NY)	AC97230 (NY)	33	T-16	BASF-218	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.09	WC-Areal-1-2	AREA 4A
11/1/2002	18681PA (NY)	AE65993 (NY)	52	T-52	BASF-219	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.99	WC-Areal-1-2	AREA 4A
11/13/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-220	SILVAROLE, INC. - BOB GEISEL, INC.	High Acres Landfill	8-2644-00048/0021-0	33.03	WC-Areal-1-2	AREA 4A

Table C-1. Soil IRM Non-Hazardous Waste Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRUCK (TRACTOR) LICENSE PLATE #	TRAILER LICENSE PLATE #	TRUCK NUMBER	TRAILER NUMBER	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	FACILITY PERMIT NUMBER	ACTUAL WEIGHT (tons)	STOCKPILE	AREA
11/13/2002	PR8869 (NY)	AC 96567 (NY)	45	T-19	BASF-221	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.77	WC-Area4A-1-2	AREA 4A
11/13/2002	PR8868 (NY)	AC96628 (NY)	21	T-6	BASF-222	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.85	WC-Area4A-1-2	AREA 4A
11/13/2002	42740PA (NY)	AE92569 (NY)	S-64	T-25	BASF-223	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.71	WC-Area4A-1-2	AREA 4A
11/13/2002	5700PB (NY)	AC21075 (NY)	42	T-22	BASF-224	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.74	WC-Area4A-1-2	AREA 4A
11/13/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-225	SILVAROLE, INC. - CEDAR HILL, INC.	High Acres Landfill	8-2644-00048/0021-0	35.13	WC-Area4A-1-2	AREA 4A
12/2/2002	5699PB (NY)	AC96930 (NY)	41	T-25	BASF-226	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.64	WC-Area-1-1-10	AREA 1A
12/2/2002	14907PA (NY)	AC97050 (NY)	44	T-24	BASF-227	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	30.51	WC-Area-1-1-10	AREA 1A
12/2/2002	14621PA (NY)	AF54639 (NY)	32	T-20	BASF-228	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.95	WC-Area-1-1-10	AREA 1A
12/2/2002	42744PA (NY)	AE92569 (NY)	36	T-22	BASF-229	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.64	WC AREA 1-1-12 / WC-Area-1-1-10	AREA 1A
12/2/2002	42748PA (NY)	AE92571 (NY)	22	T-23	BASF-230	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.13	WC-Area-1-1-12 / WC-Area 1-2-18	AREA 1A
12/2/2002	42739PA (NY)	AE92573 (NY)	24	T-62	BASF-231	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	28.08	WC-Area-1-2-18	AREA 1A
12/3/2002	14621PA (NY)	AF54639 (NY)	32	T-20	BASF-232	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.54	WC-Area-1-2-18	AREA 1A
12/3/2002	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF-233	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.70	WC-Area-1-2-18	AREA 1A
12/4/2002	48263PA (NY)	AC96930 (NY)	41	T-25	BASF-234	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.72	WC-Area-1-2-18	AREA 1A
12/4/2002	14907PA (NY)	AC97050 (NY)	44	T-24	BASF-235	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.65	WC-Area-1-2-18	AREA 1A
12/4/2002	46057PA (NY)	AC31975 (NY)	4A	T-3	BASF-236	SILVAROLE, INC. ANJ MORRIS	High Acres Landfill	8-2644-00048/0021-0	35.79	WC-Area-1-2-18	AREA 1A
12/4/2002	13504PA (NY)	AE34346 (NY)	3A	T-6	BASF-237	SILVAROLE, INC. ANJ MORRIS	High Acres Landfill	8-2644-00048/0021-0	33.06	WC-Area-1-2-18	AREA 1A
12/5/2002	42748PA (NY)	AE92571 (NY)	S-22	T-23	BASF-238	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	23.67	WC-Area-1-2-18	AREA 1A
12/5/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-239	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	29.70	WC-Area-1-2-18	AREA 1A
12/5/2002	48263PA (NY)	AC96930 (NY)	41	T-25	BASF-240	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.89	WC-Area-1-2-18	AREA 1A
12/5/2002	14907PA (NY)	AC97050 (NY)	44	T-24	BASF-241	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.97	WC-Area-1-2-18	AREA 1A
12/5/2002	18676PA (NY)	AE66000 (NY)	50	T-10	BASF-242	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	33.50	WC-Area-1-2-18	AREA 1A

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12/5/2002	14621PA (NY)	AF64653 (NY)	S-32	T-21	BASF-243	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.42	WC-AREA 1-2-18 / WC AREA 4A-1-7	AREA 1A, 4A
12/5/2002	36592PA (NY)	AA1188 (NY)	2684	D3	BASF-244	SILVAROLE, INC. - WE CARE	High Acres Landfill	8-2644-00048/0021-0	21.39	WC AREA 4A-1-7	AREA 4A
12/9/2002	42744PA (NY)	AF54653 (NY)	S-36	T-21	BASF-245	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.87	WC AREA 4A-1-7	AREA 4A
12/9/2002	PX4104 (NY)	AC96590 (NY)	36	T-23	BASF-246	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.44	WC AREA 4A-1-7	AREA 4A
12/9/2002	34815PA (NY)	AF18595 (NY)	BG-3	T-3	BASF-247	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	36.81	WC AREA 4A-1-7	AREA 4A
12/9/2002	34799PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-248	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	35.32	WC AREA 4A-1-7	AREA 4A
12/9/2002	48266PA (NY)	AC96921 (NY)	37	T-13	BASF-249	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.27	WC AREA 4A-1-7	AREA 4A
12/9/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-250	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.55	WC AREA 4A-1-7	AREA 4A
12/9/2002	42740PA (NY)	AF34659 (NY)	64	T-20	BASF-251	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.60	WC AREA 4A-1-7	AREA 4A
12/9/2002	14621PA (NY)	AF92573 (NY)	32	T-24	BASF-252	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	26.98	WC AREA 4A-1-7	AREA 4A
12/9/2002	PR8868 (NY)	AC96628 (NY)	21	T-6	BASF-253	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.06	WC AREA 4A-1-7	AREA 4A
12/9/2002	PZ3846 (NY)	AC96596 (NY)	35	T-1	BASF-254	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.41	WC AREA 4A-1-7	AREA 4A
12/9/2002	PX7108 (NY)	AC96827 (NY)	31	T-2	BASF-255	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.01	WC AREA 4A-1-7	AREA 4A
12/9/2002	48262PA (NY)	AC96834 (NY)	43	T-4	BASF-256	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.70	WC AREA 4A-1-7	AREA 4A
12/9/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-257	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	35.01	WC AREA 4A-1-6	AREA 4A
12/10/2002	48270PA (NY)	AC96555 (NY)	20	T-38	BASF-258	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.49	WC AREA 4A-1-6	AREA 4A
12/10/2002	34799PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-259	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	34.21	WC AREA 4A-1-6	AREA 4A
12/10/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-260	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	28.66	WC AREA 4A-1-6	AREA 4A
12/10/2002	PR8869 (NY)	AC 96567 (NY)	45	T-19	BASF-261	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	30.84	WC AREA 4A-1-6	AREA 4A
12/10/2002	5700PB (NY)	AC21075 (NY)	42	T-22	BASF-262	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.76	WC AREA 4A-1-6	AREA 4A
12/10/2002	14621PA (NY)	AF92573 (NY)	32	T-24	BASF-263	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.81	WC AREA 4A-1-6	AREA 4A
12/10/2002	42744PA (NY)	AF54653 (NY)	S-36	T-21	BASF-264	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.26	WC AREA 4A-1-6	AREA 4A

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12/10/2002	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF-265	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.50	WC AREA 4A-1-6	AREA 4A
12/10/2002	42740PA (NY)	AE92571 (NY)	64	T-23	BASF-266	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.58	WC AREA 4A-1-6	AREA 4A
12/10/2002	14907PA (NY)	AC97050 (NY)	44	T-24	BASF-267	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.52	WC AREA 4A-1-6	AREA 4A
12/10/2002	49931PA (NY)	AA11880 (NY)	2711	D-6	BASF-268	SILVAROLE, INC. - WE CARE	High Acres Landfill	8-2644-00048/0021-0	26.37	WC AREA 4A-1-6	AREA 4A
12/10/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-269	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	35.25	WC AREA 4A-1-6	AREA 4A
12/10/2002	18678PA (NY)	AE66000 (NY)	50	T-10	BASF-270	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	34.81	WC AREA 4A-1-6/ WC AREA 4A-1-5	AREA 4A
12/10/2002	48263PA (NY)	AC96930 (NY)	41	T-25	BASF-271	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.79	WC AREA 4A-1-5	AREA 4A
12/10/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-272	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.55	WC AREA 4A-1-5	AREA 4A
12/11/2002	34799PA (NY)	AFB1606 (NY)	BG-4	IG-4	BASF-273	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	33.20	WC AREA 4A-1-5	AREA 4A
12/11/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-274	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	33.71	WC AREA 4A-1-5	AREA 4A
12/11/2002	14621PA (NY)	AF92573 (NY)	S-32	T-24	BASF-275	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.16	WC AREA 4A-1-5	AREA 4A
12/11/2002	42744PA (NY)	AF54653 (NY)	S-36	T-21	BASF-276	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.47	WC AREA 4A-1-5	AREA 4A
12/11/2002	PR8867 (NY)	AC96646 (NY)	20	T-17	BASF-277	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	36.56	WC AREA 4A-1-5	AREA 4A
12/11/2002	48260PA (NY)	AC96921 (NY)	37	T-13	BASF-278	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.20	WC AREA 4A-1-4	AREA 4A
12/11/2002	48262PA (NY)	AC96834 (NY)	43	T-4	BASF-279	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.20	WC AREA 4A-1-4	AREA 4A
12/11/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-280	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	35.61	WC AREA 4A-1-4	AREA 4A
12/11/2002	48270PA (NY)	AC96555 (NY)	38	T-20	BASF-281	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.52	WC AREA 4A-1-4	AREA 4A
12/11/2002	49931PA (NY)	AA11880 (NY)	2711	D-6	BASF-282	TRANSPORT - SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	25.59	WC AREA 4A-1-4	AREA 4A
12/11/2002	5700PB (NY)	AC21075 (NY)	42	T-22	BASF-283	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.23	WC AREA 4A-1-4	AREA 4A
12/11/2002	18682PA (NY)	1052B8 (NY)	54	T-3	BASF-284	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	35.18	WC AREA 4A-1-4	AREA 4A
12/11/2002	18680PA (NY)	AE65965 (NY)	42	C-3	BASF-285	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	32.97	WC AREA 4A-1-4	AREA 4A
12/12/2002	34815PA (NY)	AF18595 (NY)	BG-3	IG-3	BASF-286	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	31.85	WC AREA 4A-1-4	AREA 4A

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12/12/2002	42744PA (NY)	AE54653 (NY)	S-36	T-21	BASF-287	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	36.14	WC AREA 4A-1-4	AREA 4A
12/12/2002	14621PA (NY)	AF92573 (NY)	S-32	T-24	BASF-288	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.10	WC AREA 4A-1-4	AREA 4A
12/12/2002	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF-289	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.72	WC AREA 4A-1-4	AREA 4A
12/12/2002	34799PA (NY)	AF81606 (NY)	BG-4	IG-4	BASF-290	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	35.28	WC AREA 4A-1-4/ WC-AREA 4A-2-2	AREA 4A
12/12/2002	14907PA (NY)	AC97050 (NY)	44	T-24	BASF-291	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.28	WC-AREA 4A-2-2	AREA 4A
12/12/2002	48263PA (NY)	AC96930 (NY)	41	T-25	BASF-292	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.42	WC-AREA 4A-2-2	AREA 4A
12/12/2002	18678PA (NY)	AE66000 (NY)	50	A314	BASF-293	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	32.74	WC-AREA 4A-2-2	AREA 4A
12/12/2002	34816PA (NY)	AF18602 (NY)	BG-2	IG-2	BASF-294	SILVAROLE, INC. - BOB GEISEL	High Acres Landfill	8-2644-00048/0021-0	34.35	WC-AREA 4A-2-2	AREA 4A
12/12/2002	PA8870 (NY)	AC96819 (NY)	32	T-3	BASF-295	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.29	WC-AREA 4A-2-2	AREA 4A
12/12/2002	18648PA (NY)	AB69438 (NY)	38	T-38	BASF-296	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	32.69	WC-AREA 4A-2-2	AREA 4A
12/12/2002	18679PA (NY)	AE65993 (NY)	40	T-6	BASF-297	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	33.92	WC - AREA 4A-2-2	AREA 4A
12/16/2002	18680PA (NY)	AE69565 (NY)	42	T-34	BASF - 298	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	34.51	WC - AREA 4A-2-2	AREA 4A
12/16/2002	18678PA (NY)	AE66000 (NY)	50	T-10	BASF - 299	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	31.37	WC - AREA 4A-2-2	AREA 4A
12/16/2002	42747PA (NY)	AF54639 (NY)	S-17	T-20	BASF - 300	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	32.49	WC - AREA 4A-2-2	AREA 4A
12/16/2002	42744PA (NY)	AF54653 (NY)	S-36	T-21	BASF - 301	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.07	WC - AREA 4A-2-2	AREA 4A
12/16/2002	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF - 302	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.14	WC - AREA 1-1-13	AREA 1
12/16/2002	14621PA (NY)	AF92573 (NY)	S-32	T-24	BASF - 303	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.27	WC - AREA 4-2-2/ AREA 1-1-13	AREA 1/AREA 4A
12/19/2002	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF - 304	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.67	WC AREA 4A-1-9	AREA 4A
12/19/2002	18683PA (NY)	AA10180 (NY)	48	T-8	BASF - 305	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	34.63	WC AREA 4A-1-9	AREA 4A
1/21/2003	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF - 306	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.78	WC-AREA 1-1-17	AREA 1
1/21/2003	42740PA (NY)	AE92576 (NY)	S-64	T-26	BASF - 307	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.55	WC-AREA 1-1-17	AREA 1
1/22/2003	18683PA (NY)	AE65955 (NY)	48	T-3	BASF - 308	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	31.66	WC-AREA1-1-15	AREA 1

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1/22/2003	18680PA (NY)	AE65955 (NY)	42	T-54	BASF - 309	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	30.34	WC-AREA1-1-15	AREA 1
1/22/2003	PX6348 (NY)	AD80326 (NY)	197	T-97	BASF - 310	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	35.43	WC-AREA1-1-15	AREA 1
1/22/2003	42744PA (NY)	AF92573 (NY)	36	T-24	BASF - 311	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.18	WC-AREA1-1-15 / WC-GCS3-1-1	AREA 1 / GCS AREA 3
1/22/2003	AE92569 (NY)	AE92576 (NY)	S-64	T-26	BASF - 312	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.50	WC-GCS3-1-1	GCS AREA 3
1/23/2003	45441PA (NY)	AD80326 (NY)	197	T-97	BASF - 313	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	35.77	WC-GCS3-1-1	GCS AREA 3
1/23/2003	18680PA (NY)	AE65955 (NY)	42	T-54	BASF - 314	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	34.40	WC-GCS3-1-1	GCS AREA 3
1/23/2003	42744PA (NY)	AF92573 (NY)	36	T-24	BASF - 315	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.39	WC-GCS3-1-1	GCS AREA 3
1/23/2003	AE92569 (NY)	AF92576 (NY)	S-64	T-21	BASF - 316	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.60	WC-GCS3-1-1	GCS AREA 3
1/27/2003	42750PA (NY)	AE92576 (NY)	S-34	T-26	BASF - 317	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	25.44	WC-GCS3-1-1	GCS AREA 3
1/27/2003	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF - 318	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.13	WC-GCS3-1-1	GCS AREA 3
1/27/2003	42744PA (NY)	AF92573 (NY)	S-36	T-24	BASF - 319	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	30.30	WC-GCS3-1-1	GCS AREA 3
1/28/2003	14621PA (NY)	AE92571 (NY)	S-32	T-23	BASF - 320	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	30.24	WC-GCS3-1-1	GCS AREA 3
1/28/2003	42740PA (NY)	AE92574 (NY)	S-64	T-25	BASF - 321	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.42	WC-GCS3-1-1	GCS AREA 3
1/28/2003	42744PA (NY)	AF92573 (NY)	S-36	T-24	BASF - 322	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	30.90	WC-GCS3-1-1	GCS AREA 3
1/28/2003	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF - 323	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	29.57	WC-GCS3-1-1	GCS AREA 3
1/28/2003	PB50301 (NY)	AE92581 (NY)	S-22	R-1	BASF - 324	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	17.87	WC-GCS3-1-1	GCS AREA 3
1/28/2003	42747PA (NY)	AF64539 (NY)	S-17	T-20	BASF - 325	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.22	WC-GCS3-1-1	GCS AREA 3
1/29/2003	14621PA (NY)	AE92571 (NY)	S-32	T-23	BASF - 326	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	30.48	WC-GCS3-1-1 / WC-GCS4-2-2	GCS AREA 4
1/29/2003	42741PA (NY)	AF54653 (NY)	S-63	T-21	BASF - 327	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.35	WC-GCS4-2-1	GCS AREA 4
1/29/2003	42740PA (NY)	AE92574 (NY)	S-64	T-25	BASF - 328	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.78	WC-GCS4-2-1	GCS AREA 4
1/29/2003	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF - 329	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.90	WC-GCS4-2-2	GCS AREA 4
1/29/2003	42744PA (NY)	AF92573 (NY)	S-36	T-24	BASF - 330	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.27	WC-GCS4-2-1	GCS AREA 4

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1/29/2003	42747PA (NY)	AF64539 (NY)	S-17	T-20	BASF - 331	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.02	WC-GCS4-2-1	GCS AREA 4
1/30/2003	48263PA (NY)	AC96930 (NY)	41	T-25	BASF - 332	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.27	WC-GCS4-2-2	GCS AREA 4
1/30/2003	14907PA (NY)	AC97050 (NY)	44	T-24	BASF - 333	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.46	WC-AREA1-1-14	AREA 1
1/30/2003	48269PA (NY)	AC96809 (NY)	39	T-12	BASF - 334	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.82	WC-AREA1-1-14	AREA 1
1/30/2003	48275PA (NY)	AC96638 (NY)	34	T-9	BASF - 335	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.53	WC-AREA1-1-14	AREA 1
1/30/2003	48270PA (NY)	AC96555 (NY)	38	T-20	BASF - 336	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.47	WC-AREA1-1-14 / WC-GCS4-2-1	GCS AREA 4
1/31/2003	42741PA (NY)	AF54653 (NY)	S-63	T-21	BASF - 337	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.21	WC-GCS4-2-1	GCS AREA 4
1/30/2003	14621PA (NY)	AE92571 (NY)	S-32	T-23	BASF - 338	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.80	WC-GCS4-2-1	GCS AREA 4
1/30/2003	18685PA (NY)	1052B8 (NY)	57	T-2	BASF - 339	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	33.22	WC-GCS4-2-1	GCS AREA 4
1/30/2003	45441PA (NY)	AD80326 (NY)	197	T-97	BASF - 340	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	34.71	WC-GCS4-2-1	GCS AREA 4
1/31/2003	AE92574 (NY)	A92569 (NY)	S-64	T-25	BASF - 341	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	28.91	WC-GCS4-2-1	GCS AREA 4
1/30/2003	42744PA (NY)	AF92573 (NY)	36	T-24	BASF - 342	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.52	WC-GCS4-2-1	GCS AREA 4
1/30/2003	42739PA (NY)	AE92569 (NY)	S-62	T-22	BASF - 343	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.96	WC-GCS4-2-1	GCS AREA 4
1/30/2003	48265PA (NY)	AC96590 (NY)	36	T-23	BASF - 344	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.82	WC-GCS4-2-1	GCS AREA 4
1/30/2003	42740PA (NY)	AF64539 (NY)	S-64	T-20	BASF - 345	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.99	WC-GCS4-2-1	GCS AREA 4
1/31/2003	48263PA (NY)	AC96930 (NY)	41	T-25	BASF - 346	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	30.78	WC-GCS4-2-1	GCS AREA 4
1/30/2003	14621PA (NY)	AE92571 (NY)	S-32	T-23	BASF - 347	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.25	WC-GCS4-2-1	GCS AREA 4
1/31/2003	48269PA (NY)	AC96809 (NY)	39	T-12	BASF - 348	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.55	WC-GCS4-2-1	GCS AREA 4
1/31/2003	18682PA (NY)	AE65974 (NY)	54	T-6	BASF - 349	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	35.51	WC-GCS4-2-1 / WC-AREA1-2-17A	GCS AREA 4
1/31/2003	18680PA (NY)	AE65955 (NY)	42	T-54	BASF - 350	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	31.88	WC-GCS4-2-1	GCS AREA 4
2/3/2003	42744PA (NY)	AF92573 (NY)	S-36	T-24	BASF - 351	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.79	WC-AREA1-2-17A	AREA 1
2/3/2003	14621PA (NY)	AE92569 (NY)	S-32	T-22	BASF - 352	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.76	WC-AREA1-2-17A	AREA 1

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2/3/2003	42750PA (NY)	AE92576 (NY)	S-34	T-26	BASF - 353	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.42	WC-AREA1-2-17B	AREA 1
2/4/2003	42740PA (NY)	AE92574 (NY)	S-64	T-25	BASF - 354	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.92	WC-AREA1-2-17B	AREA 1
2/4/2003	42743PA (NY)	AE92571 (NY)	S-20	T-23	BASF - 355	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.89	WC-AREA1-2-17B	AREA 1
2/5/2003	42750PA (NY)	AE92569 (NY)	S-34	T-22	BASF - 356	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.79	WC-AREA1-2-17B	AREA 1
2/5/2003	42744PA (NY)	AF92573 (NY)	S-36	T-24	BASF - 357	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.20	WC-AREA1-2-17B	AREA 1
2/5/2003	42740PA (NY)	AE92576 (NY)	S-64	T-25	BASF - 358	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	32.54	WC-AREA1-2-17B	AREA 1
2/6/2003	42750PA (NY)	AE92569 (NY)	S-34	T-22	BASF - 359	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	31.49	WC-AREA1-2-17B / WC-AREA1-2-17E	AREA 1
2/6/2003	42744PA (NY)	AF92573 (NY)	S-36	T-24	BASF - 360	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.30	WC-AREA1-2-17E	AREA 1
8/26/2003	AC57662 (NY)	-	M41	-	12292	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.32	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/26/2003	AC96819 (NY)	-	M32	-	12293	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	29.01	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/27/2003	AC96555 (NY)	-	M27	-	12294	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.10	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/26/2003	AC96567 (NY)	-	M28	-	12295	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.22	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/27/2003	AH57662 (NY)	-	M41	-	12297	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.87	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/27/2003	AC96819 (NY)	-	M32	-	12298	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.24	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/27/2003	AC96555 (NY)	-	M28	-	12299	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	29.34	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/27/2003	AC97230 (NY)	-	M31	-	12300	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	29.26	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/28/2003	AC96819 (NY)	-	M32	-	12301	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.16	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/28/2003	AC57662 (NY)	-	M41	-	12302	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	35.58	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/28/2003	AC96567 (NY)	-	M27	-	12303	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.99	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/28/2003	AC96555 (NY)	-	M28	-	12304	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	29.83	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/28/2003	AC97230 (NY)	-	M31	-	12305	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	25.53	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS

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8/29/2003	AC96540 (NY)	-	M33	-	12307	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	19.20	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
8/29/2003	AC57662 (NY)	-	M41	-	12308	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.49	WC-SOIL/GCS-P1 / WC-SOIL/GCS-P2 / WC-SVESP-1	AREA 1 / GCS AREAS
5/17/2005	-	-	S36	-	BASF-1	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.56	REN-4C-01 / REN-SW-02	AREA 4C
5/17/2005	-	-	S9	-	BASF-2	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	30.63	REN-4C-01 / REN-SW-02	AREA 4C
5/17/2005	23440TR	-	S32	-	BASF-3	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.99	REN-4C-01 / REN-SW-02	AREA 4C
5/17/2005	4A209	-	M39	-	BASF-4	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.21	REN-4C-01 / REN-SW-02	AREA 4C
5/17/2005	48269AC (NY)	-	M47	-	BASF-5	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	34.02	REN-4C-01 / REN-SW-02	AREA 4C
5/17/2005	4A2093PA (NY)	-	CH57	-	BASF-6	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	31.40	REN-4C-01 / REN-SW-02	AREA 4C
5/17/2005	AE66000	-	CH56	-	BASF-7	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	33.62	REN-4C-01 / REN-SW-02	AREA 4C
5/17/2005	104189 (NY)	-	M44	-	BASF-8	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	29.49	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	AL11038	-	9T	-	BASF-9	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	39.36	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	-	-	M-39	-	BASF-10	PAGE E.T.C., INC.	High Acres Landfill	8-2644-00048/0021-0	34.48	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	4A209	-	S34	-	BASF-11	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	32.89	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	X502430PA	-	CEDAR64	-	BASF-12	PRICE TRUCKING, CORP.	High Acres Landfill	8-2644-00048/0021-0	36.09	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	60761PA (NY)	-	51	-	BASF-13	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	29.20	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	-	-	S64	-	BASF-14	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.78	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	41814PA (NY)	-	PRICE11400	-	BASF-15	PRICE TRUCKING, CORP.	High Acres Landfill	8-2644-00048/0021-0	24.13	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	-	-	311-4	-	BASF-16	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	37.98	REN-4C-01 / REN-SW-02	AREA 4C
5/20/2005	XBK2195	-	PAGE4514	-	BASF-17	US BULK TRANSPORT, INC.	High Acres Landfill	8-2644-00048/0021-0	34.84	REN-4C-01 / REN-SW-02	AREA 4C

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5/23/2005	XW63964 (PA)	-	HICK309	-	BASF-18	US BULK TRANSPORT, INC.	High Acres Landfill	8-2644-00048/0021-0	36.29	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	XBA4463 (PA)	-	US BULK335	-	BASF-19	US BULK TRANSPORT, INC.	High Acres Landfill	8-2644-00048/0021-0	32.42	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	XBM6049 (PA)	-	S9	-	BASF-20	PAGE E.T.C., INC.	High Acres Landfill	8-2644-00048/0021-0	36.18	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	AL11058	-	S34	-	BASF-21	PAGE E.T.C., INC.	High Acres Landfill	8-2644-00048/0021-0	32.38	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	AC15548 (NY)	-	C58	-	BASF-22	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.34	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	AE65965	-	C97	-	BASF-23	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	37.14	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	AD50PA (NY)	-	M45	-	BASF-24	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	34.46	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	AD80326	-	7975	-	BASF-25	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	34.27	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	AB88309 (NY)	-	0894	-	BASF-26	PAGE E.T.C., INC.	High Acres Landfill	8-2644-00048/0021-0	32.31	REN-4C-01 / REN-SW-02	AREA 4C
5/23/2005	-	-	6386	-	BASF-27	-	High Acres Landfill	8-2644-00048/0021-0	35.10	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	XW63964 (PA)	-	C57	-	BASF-28	US BULK TRANSPORT, INC.	High Acres Landfill	8-2644-00048/0021-0	33.62	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	XBA4463 (PA)	-	HICKS309	-	BASF-29	US BULK TRANSPORT, INC.	High Acres Landfill	8-2644-00048/0021-0	36.14	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	AE66000	-	BASF335	-	BASF-30	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	31.95	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	AE65974	-	CH54	-	BASF-31	SILVAROLE, INC. - CEDAR HILL	High Acres Landfill	8-2644-00048/0021-0	32.90	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	AH57661 (NY)	-	M45	-	BASF-32	SILVAROLE, INC. - MANGIARDI	High Acres Landfill	8-2644-00048/0021-0	33.15	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	BL6662PA	-	S9	-	BASF-33	US BULK TRANSPORT, INC.	High Acres Landfill	8-2644-00048/0021-0	35.74	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	AM50176 (NY)	-	BULK311	-	BASF-34	PAGE E.T.C., INC.	High Acres Landfill	8-2644-00048/0021-0	31.63	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	AM50175 (NY)	-	S64	-	BASF-35	PAGE E.T.C., INC.	High Acres Landfill	8-2644-00048/0021-0	34.94	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	AL11038	-	4604	-	BASF-36	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	33.27	REN-4C-01 / REN-SW-02	AREA 4C
5/24/2005	AE92576 (NY)	-	0474	-	BASF-37	SILVAROLE, INC.	High Acres Landfill	8-2644-00048/0021-0	35.96	REN-4C-01 / REN-SW-02	AREA 4C
Total									13,687.96		

APPENDIX E

**Non-Hazardous Construction Wastewater Disposal Summary and Manifests
(Electronic Copies of Manifests Provided on CD Located in Sleeve Inside of Back Cover)**

Table E-1. Soil IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
10/14/2002	V8714 (CT)	UIS A 0048179	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/10/2002	V26580 (CT)	UIS A 0116793	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,165	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/10/2002	V56728 (CT)	UIS A 0116782	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,300	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/10/2002	244OB5 (NY)	UIS A 0116783	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,400	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/10/2002	V26580 (CT)	UIS A 0116793	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,165	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/11/2002	V56728 (CT)	UIS A 0072945	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/14/2002	V56728 (CT)	UIS A 0072946	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/15/2002	V56728 (CT)	UIS A 0116779	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,050	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/17/2002	V38839 (CT)	UIS A 0116880	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/18/2002	AR6997 (NH)	UIS A 0116879	United Industrial Services	Bridgeport United Recycling	CTD021816889	3,300	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/18/2002	V56728 (CT)	UIS A 0073007	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,100	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/22/2002	V56728 (CT)	UIS A 0073022	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/22/2002	V8714 (CT)	UIS A 0046058	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/22/2002	V57302 (CT)	UIS A 0055684	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,167	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/21/2002	V26579 (CT)	UIS A 0055692	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,350	Soil IRM Construction Wastewater from dewatering operations, PMP tests

Table E-1. Soil IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
10/22/2002	V56728 (CT)	UIS A 0116805	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,107	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/29/2002	V57337 (CT)	UIS A 0135660	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/31/2002	V38839 (CT)	UIS A 0018888	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
10/30/2002	V57337 (CT)	UIS A 0135727	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,375	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/4/2002	244OB5 (NY)	UIS A 0072951	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/4/2002	244OB5 (NY)	UIS A 0073168	United Industrial Services	Bridgeport United Recycling	CTD021816889	550	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/5/2002	V34255 (CT)	UIS A 0116960	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/6/2002	AR6997 (NH)	UIS A 0116971	United Industrial Services	Bridgeport United Recycling	CTD021816889	3,291	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/6/2002	V26579 (CT)	UIS A 0135874	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/6/2002	244OB5 (NY)	UIS A 0116970	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,950	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/7/2002	244OB5 (NY)	UIS A 0073175	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/7/2002	V57302 (CT)	UIS A 0081042	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/7/2002	V26580 (CT)	UIS A 0073176	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/8/2002	V32503 (CT)	UIS A 0048221	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/8/2002	V26579 (CT)	UIS A 0135925	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests

Table E-1. Soil IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
11/11/2002	V51998 (CT)	UIS A 0073180	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,146	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/11/2002	V26574 (CT)	UIS A 0073178	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,114	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/11/2002	V51998 (CT)	UIS A 0135962	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/12/2002	V17860 (CT)	UIS A 0073188	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/12/2002	V57302 (CT)	UIS A 0073186	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/12/2002	V51998 (CT)	UIS A 0073187	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/13/2002	V50766 (CT)	UIS A 0073189	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/13/2002	V57302 (CT)	UIS A 0073177	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/14/2002	V51998 (CT)	UIS A 0073185	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/14/2002	V51998 (CT)	UIS A 0073194	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/13/2002	V51998 (CT)	UIS A 0117145	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/14/2002	2440B5 (NY)	UIS A 0073200	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/14/2002	V50766 (CT)	UIS A 0117156	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/15/2002	V51998 (CT)	UIS A 0117155	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/19/2002	V57302 (CT)	UIS A 0117153	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,300	Soil IRM Construction Wastewater from dewatering operations, PMP tests

Table E-1. Soil IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
11/19/2002	V57337 (CT)	UIS A 0117154	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/19/2002	V51998 (CT)	UIS A 0072713	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/19/2002	V51998 (CT)	UIS A 0117164	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/20/2002	V34255 (CT)	UIS A 0053833	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/20/2002	V26579 (CT)	UIS A 0117183	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/20/2002	V38839 (CT)	UIS A 0117177	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/20/2002	V57337 (CT)	UIS A 0117152	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/20/2002	V54722 (CT)	UIS A 0117151	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/21/2002	V51998 (CT)	UIS A 0117295	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/21/2002	V57337 (CT)	UIS A 0117301	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/21/2002	V15136 (CT)	UIS A 0117300	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/21/2002	V51998 (CT)	UIS A 0048241	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/22/2002	V51280 (CT)	UIS A 0117202	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/22/2002	V51998 (CT)	UIS A 0117204	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/22/2002	321218A (NY)	UIS A 0117146	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,100	Soil IRM Construction Wastewater from dewatering operations, PMP tests

Table E-1. Soil IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
11/23/2002	V21932 (CT)	UJS A 0117150	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/23/2002	V54722 (CT)	UJS A 0117148	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,200	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/23/2002	V38839 (CT)	UJS A 0117147	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/23/2002	V26579 (CT)	UJS A 0117201	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/23/2002	V35139 (CT)	UJS A 0117182	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/25/2002	V50794 (CT)	UJS A 0117149	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/26/2002	V56728 (CT)	UJS A 0117312	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,010	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/26/2002	V34255 (CT)	UJS A 0117315	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Soil IRM Construction Wastewater from dewatering operations, PMP tests
11/26/2002	V51998 (CT)	UJS A 0117313	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Soil IRM Construction Wastewater from dewatering operations, PMP tests
12/2/2002	S9751 (CT)	UJS A 0117397	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,800	Soil IRM Construction Wastewater from dewatering operations, PMP tests
12/2/2002	AR6997 (NH)	UJS A 0117398	United Industrial Services	Bridgeport United Recycling	CTD021816889	3,166	Soil IRM Construction Wastewater from dewatering operations, PMP tests
Total gallons of non-hazardous construction wastewaters disposed of off-site						355,906	

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
6/16/2003	V34255 (CT)	UJS A 0114823	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
6/19/2003	V57066 (CT)	UJS A 0066335	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
6/19/2003	V34255 (CT)	UJS A 0115255	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
6/20/2003	TL 4211 (NH)	UJS A 0112290	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
6/20/2003	V57066 (CT)	UJS A 0112291	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
7/28/2003	7058B5 (NY)	UJS A 0112997	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
7/28/2003	V56728 (CT)	UJS A 0112998	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,010	Process Buildings IRM Construction Wastewater from dewatering operations
8/4/2003	V57302 (CT)	UJS A 0113089	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/4/2003	V50677 (CT)	UJS A 0113090	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/5/2003	V35139 (CT)	UJS A 0134279	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/5/2003	V50766 (CT)	UJS A 0140500	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/6/2003	7058B5 (NY)	UJS A 0138359	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,050	Process Buildings IRM Construction Wastewater from dewatering operations
8/7/2003	7058B5 (NY)	UJS A 0138372	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,200	Process Buildings IRM Construction Wastewater from dewatering operations
8/7/2003	V38839 (CT)	MA Q 075179	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/7/2003	59751 (CT)	UJS A 0138382	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,110	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
8/8/2003	7058B5 (NY)	UIS A 0112287	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,200	Process Buildings IRM Construction Wastewater from dewatering operations
8/11/2003	59751 (CT)	UIS A 0112289	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,110	Process Buildings IRM Construction Wastewater from dewatering operations
8/13/2003	V38839 (CT)	UIS A 0138482	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/15/2003	V56728 (CT)	UIS A 0138397	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,250	Process Buildings IRM Construction Wastewater from dewatering operations
8/15/2003	1001B9 (NY)	UIS A 0138490	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/15/2003	V38839 (CT)	UIS A 0138493	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/16/2003	7058B5 (NY)	UIS A 0138507	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,300	Process Buildings IRM Construction Wastewater from dewatering operations
8/16/2003	AE86073 (NY)	UIS A 0138503	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,200	Process Buildings IRM Construction Wastewater from dewatering operations
8/16/2003	V56728 (CT)	UIS A 0138504	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Process Buildings IRM Construction Wastewater from dewatering operations
8/16/2003	V8714 (CT)	UIS A 0138506	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Process Buildings IRM Construction Wastewater from dewatering operations
8/21/2003	7058B5 (NY)	UIS A 0138617	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/21/2003	V38839 (CT)	UIS A 0138620	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/22/2003	V32503 (CT)	UIS A 0113099	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,100	Process Buildings IRM Construction Wastewater from dewatering operations
8/22/2003	V56728 (CT)	UIS A 0138622	United Industrial Services	Bridgeport United Recycling	CTD021816889	2,747	Process Buildings IRM Construction Wastewater from dewatering operations
8/22/2003	59751 (CT)	UIS A 0138623	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,396	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
8/26/2003	V35139 (CT)	UJIS A 0138745	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/26/2003	V38839 (CT)	UJIS A 0138742	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/26/2003	V32503 (CT)	UJIS A 0138744	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
8/28/2003	V57402 (CT)	UJIS A 0138751	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,300	Process Buildings IRM Construction Wastewater from dewatering operations
8/28/2003	S9751 (CT)	UJIS A 0138749	United Industrial Services	Bridgeport United Recycling	CTD021816889	2,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/2/2003	-	UJIS A 0138845	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/2/2003	V26579 (CT)	UJIS A 0138846	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Process Buildings IRM Construction Wastewater from dewatering operations
9/4/2003	7058B5 (NY)	UJIS A 0138931	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,200	Process Buildings IRM Construction Wastewater from dewatering operations
9/4/2003	V57337 (CT)	UJIS A 0138932	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Process Buildings IRM Construction Wastewater from dewatering operations
9/4/2003	7058B5 (NY)	UJIS A 0138937	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,264	Process Buildings IRM Construction Wastewater from dewatering operations
9/5/2003	V38839 (CT)	UJIS A 0138948	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/8/2003	V51998 (CT)	UJIS A 0138752	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/8/2003	7058B5 (NY)	UJIS A 0138949	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,250	Process Buildings IRM Construction Wastewater from dewatering operations
9/8/2003	V51925 (CT)	UJIS A 0138753	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/9/2003	7058B5 (NY)	UJIS A 0138991	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
9/9/2003	V51998 (CT)	UJS A 0138994	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/11/2003	V50794 (CT)	UJS A 0143101	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,320	Process Buildings IRM Construction Wastewater from dewatering operations
9/11/2003	V51998 (CT)	UJS A 0143086	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/11/2003	7058B5 (NY)	UJS A 0139018	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/11/2003	V51925 (CT)	UJS A 0143090	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/11/2003	V57406 (CT)	UJS A 0139017	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Process Buildings IRM Construction Wastewater from dewatering operations
9/11/2003	V34255 (CT)	UJS A 0143089	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/16/2003	V57887 (CT)	UJS A 0143186	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Process Buildings IRM Construction Wastewater from dewatering operations
9/16/2003	V38839 (CT)	UJS A 0016908	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/17/2003	V57337 (CT)	UJS A 0143219	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Process Buildings IRM Construction Wastewater from dewatering operations
9/18/2003	1002B9 (NY)	UJS A 0044769	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/23/2003	7058B5 (NY)	UJS A 0138854	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/23/2003	V57302 (CT)	UJS A 0044779	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/23/2003	V8714 (CT)	UJS A 0138987	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
9/23/2003	V50766 (CT)	UIS A 0143310	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/24/2003	724211 (NH)	UIS A 0044780	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/24/2003	V57302 (CT)	UIS A 0044782	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/24/2003	V57337 (CT)	UIS A 0143342	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,200	Process Buildings IRM Construction Wastewater from dewatering operations
9/24/2003	V17860 (CT)	UIS A 0095404	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/25/2003	1002B9 (NY)	UIS A 0044787	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,700	Process Buildings IRM Construction Wastewater from dewatering operations
9/25/2003	TL 4211 (NH)	UIS A 0044788	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/25/2003	V57302 (CT)	UIS A 0044789	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,980	Process Buildings IRM Construction Wastewater from dewatering operations
9/26/2003	S9751 (CT)	UIS A 0138760	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/26/2003	V35139 (CT)	UIS A 0095454	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/26/2003	TL 4211 (NH)	UIS A 0044793	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/29/2003	TL 4211 (NH)	UIS A 0044794	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/29/2003	V57302 (CT)	UIS A 0044795	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
9/30/2003	V56728 (CT)	UIS A 0138986	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,200	Process Buildings IRM Construction Wastewater from dewatering operations
9/30/2003	TL 4211 (NH)	UIS A 0044796	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/30/2003	V57302 (CT)	UIS A 0044797	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
9/30/2003	V51998 (CT)	UIS A 0105971	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Process Buildings IRM Construction Wastewater from dewatering operations
9/30/2003	V38839 (CT)	UIS A 0105970	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/1/2003	TL 4211 (NH)	UIS A 0044798	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/1/2003	A53890 (CT)	UIS A 0143463	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/2/2003	TL 4211 (NH)	UIS A 0044799	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/2/2003	V35139 (CT)	UIS A 0105996	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/2/2003	V38839 (CT)	UIS A 0105993	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/6/2003	S9751 (CT)	UIS A 0105995	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,110	Process Buildings IRM Construction Wastewater from dewatering operations
10/7/2003	V38839 (CT)	UIS A 0143347	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/7/2003	7058B5 (NY)	UIS A 0105997	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,250	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
10/7/2003	V51998 (CT)	UIS A 0106108	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/7/2003	TL 4211 (NH)	UIS A 0105994	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,250	Process Buildings IRM Construction Wastewater from dewatering operations
10/8/2003	V51998 (CT)	UIS A 0106107	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/8/2003	S9751 (CT)	UIS A 0134390	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/8/2003	V38839 (CT)	UIS A 0106110	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,190	Process Buildings IRM Construction Wastewater from dewatering operations
10/8/2003	TL 4211 (NH)	UIS A 0106114	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/9/2003	7058B5 (NY)	UIS A 0106115	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,500	Process Buildings IRM Construction Wastewater from dewatering operations
10/9/2003	V56708 (CT)	UIS A 0106111	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,275	Process Buildings IRM Construction Wastewater from dewatering operations
10/9/2003	V57337 (CT)	UIS A 0106102	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,300	Process Buildings IRM Construction Wastewater from dewatering operations
10/9/2003	V50794 (CT)	UIS A 0143619	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/10/2003	S9751 (CT)	UIS A 0106105	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/13/2003	V38839 (CT)	UIS A 0016970	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/16/2003	V38839 (CT)	UIS A 0106154	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
10/17/2003	V57337 (CT)	UIS A 0137516	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Process Buildings IRM Construction Wastewater from dewatering operations
10/17/2003	1002B9 (NY)	UIS A 0044813	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Process Buildings IRM Construction Wastewater from dewatering operations
10/21/2003	7058B5 (NY)	UIS A 0106155	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/28/2003	V38839 (CT)	UIS A 0106446	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/28/2003	V34255 (CT)	UIS A 0106445	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/29/2003	1001B9 (NY)	UIS A 0105999	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/29/2003	V17860 (CT)	UIS A 0106000	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/29/2003	V26579 (CT)	UIS A 0137771	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Process Buildings IRM Construction Wastewater from dewatering operations
10/30/2003	1034B9 (NY)	UIS A 0137781	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,500	Process Buildings IRM Construction Wastewater from dewatering operations
10/30/2003	V24110 (CT)	UIS A 0120254	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,000	Process Buildings IRM Construction Wastewater from dewatering operations
10/30/2003	V51998 (CT)	UIS A 0137782	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
11/3/2003	V53898 (CT)	UIS A 0137845	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
11/3/2003	V57302 (CT)	UIS A 0082213	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
11/3/2003	V32503 (CT)	UJS A 0137844	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
11/24/2003	V57337 (CT)	UJS A 0138267	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Process Buildings IRM Construction Wastewater from dewatering operations
11/24/2003	V26579 (CT)	UJS A 0138265	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,500	Process Buildings IRM Construction Wastewater from dewatering operations
11/24/2003	V38839 (CT)	UJS A 0017072	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
12/2/2003	V57302 (CT)	UJS A 0044803	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
12/2/2003	7058B5 (NY)	UJS A 0106008	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
12/3/2003	V56728 (CT)	UJS A 0106118	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,008	Process Buildings IRM Construction Wastewater from dewatering operations
12/3/2003	V57337 (CT)	UJS A 0128505	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,400	Process Buildings IRM Construction Wastewater from dewatering operations
12/3/2003	1034B9 (NY)	UJS A 0128508	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
12/3/2003	V34255 (CT)	UJS A 0120660	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
12/16/2003	V51998 (CT)	UJS A 0106004	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
12/16/2003	V21932 (CT)	UJS A 0106117	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations
12/22/2003	V34255 (CT)	UJS A 0120883	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,000	Process Buildings IRM Construction Wastewater from dewatering operations

Table E-2. Process Buildings IRM Construction Wastewater Transportation and Disposal Tracking Form, Rensselaer Facility, Rensselaer, New York

DATE	TRANSPORTER LICENSE PLATE #	MANIFEST NUMBER	TRANSPORTER	TRANSPORTATION AND DISPOSAL FACILITY	T&D FACILITY UNITED STATES EPA ID NUMBER	VOLUME (gallons)	GENERAL DESCRIPTION & COMMENTS
12/22/2003	V51998 (CT)	UIS A 0106009	United Industrial Services	Bridgeport United Recycling	CTD021816889	6,000	Process Buildings IRM Construction Wastewater from dewatering operations
3/24/2004	V57337 (CT)	UIS A 0157743	United Industrial Services	Bridgeport United Recycling	CTD021816889	4,700	Process Buildings IRM Construction Wastewater from dewatering operations
3/24/2004	S9751 (CT)	UIS A 0157736	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,090	Process Buildings IRM Construction Wastewater from dewatering operations
4/12/2004	S9751 (CT)	UIS A 0158175	United Industrial Services	Bridgeport United Recycling	CTD021816889	5,010	Process Buildings IRM Construction Wastewater from dewatering operations

Total gallons of non-hazardous construction wastewaters disposed of off-site 651,670

APPENDIX F

Offsite Fill Material Import Summary

LARNED & SONS TRUCKLOAD BREAKDOWN

OBG #'s					
Date	Ticket #	Sand (Yards)	#1-C (Tons)	Rubble/#1 Crushed/Crusher Run (Tons)	#3 Stone (Tons)
07/22/02	502933				24.44
07/22/02	503000				31.56
07/22/02	504418				24.17
07/22/02	505351				31.16
07/24/02	505356				24.24
07/24/02	505357				28.39
07/24/02	505358				32.03
07/24/02	505359				31.20
07/29/02	503890	20			
07/29/02	504877	20			
07/30/02	502946		70.75		
07/30/02	503894		119.65		
08/01/02	503900				22.82
08/08/02	506472	40			
08/14/02	504995		204.94		
08/15/02	504997		138.58		
08/19/02	506850		116.70		
08/19/02	508501				22.30
08/19/02	508005				24.90
08/20/02	508007		123.15		
08/21/02	508555	40			
08/21/02	505897		121.28		
08/21/02	508554				42.58
08/22/02	506958		184.06		
08/26/02	508368	100			
08/27/02	508519		94.20		
08/28/02	508521		119.30		
09/16/02	1522		88.63		
09/16/02	1521	20			
09/17/02	1720		23.45		
09/17/02	1365		24.55		
09/18/02	1531	20			
09/18/02	1532		93.18		
09/23/02	1963		69.76		
09/23/02	1549		70.31		
09/24/02	2774		48.79		
09/25/02	2135				62.86
09/25/02	381		99.24		
09/26/02	2138	20			
09/26/02	2137				70.11
10/01/02	2365		70.49		
10/01/02	1398				25.89
10/01/02	2367				22.40
10/10/02	4764				32.46
10/10/02	4765				30.15
10/14/02	2396	20			
10/14/02	3299	40			
10/22/02	4800				28.34
10/22/02	4797				27.87
10/29/02	5076				29.06
10/29/02	4832				106.22
10/31/02	5081				26.67
11/06/02	5094		93.43		
11/06/02	6728		91.04		
11/06/02	6174		23.13		
11/06/02	7651				93.66
11/14/02	6747				25.94
11/14/02	7394				26.26
11/14/02	3929				25.30
11/22/02	8474				88.47
11/25/02	8481				66.73
11/26/02	9060				22.44
12/04/02	10065				109.80
12/05/02	8725		44.93		
12/17/02	11354				51.76
12/17/02	11355				60.98
		Sand (Yards)	#1-C (Tons)	Rubble (Tons)	#3 Stone (Tons)
Totals:		340	2133.54	1327.90	45.26

GCS area 2 (4a)
Area 1
Area 1
Area 1

WM. M. Larned & Sons, Inc. - Crusher Run (rubble)

Date	Ticket #	Quantity (tons)	Area
12/20/02	10560	42.2	1
	9000	91.16	1
	11504	89.99	1
	10931	89.38	1
	10292	92.07	1
	9130	22.39	1
	11213	95.35	1
	11362	90.15	1
	10197	44.79	1
	11759	48.52	1
1/7/03	11652	20.84	1
	11653	22.58	1
	11239	43.90	1
	10939	44.60	1
	11023	21.97	1
	10375	45.78	1
1/8/03	10940	20.60	1
	10376	175.10	1
1/15/03	11546	85.26	1
TOTAL		1186.63	

GCS TOTAL: 0

AREA 1 TOTAL: 1186.63

AREA 2 TOTAL: 0

AREA 4A TOTAL: 0

AREA 4B TOTAL: 0

TOTAL: 1186.63

WM. M. Larned & Sons, Inc. - Select Fill Deliveries as of 1/14/03						
Date	Ticket #	Quantity (cy)				
10/7/02	507698	26	52	GCS	Select Fill (GCS Trench)	
	507699	26		GCS		
	507696	20	80	GCS		
10/8/02	3717	20		GCS		
		20		GCS		
		20		GCS		
10/9/02	4753	26	182	GCS		
	4754	26		GCS		
	4755	26		GCS		
	4756	26		GCS		
	4757	26		GCS		
	4758	26		GCS		
	4759	26		GCS		
10/10/02	4761	26	156	GCS		
	4762	26		GCS		
	4763	26		GCS		
	4765	26		GCS		
	4767	26		GCS		
	4768	26		GCS		
	4771	26	130	GCS		
10/11/02	4772	26		GCS		
	4773	26		GCS		
	4774	26		GCS		
	2087	26		GCS		
10/21/02	5054	26	182	2	AREA 2	
	4788	26		2		
	4789	26		2		
	4790	26		2		
	4791	26		2		
	4792	26		2		
	4793	26		2		
10/22/02	4798	26	104	2		
	4799	26		2		
	6051	26		2		
		26		2		
		26		2		
10/23/02	6053	26	404	4B	AREA 4B	
	6054	26		4B		
	6055	26		4B		
	6056	26		4B		
	6057	26		4B		
	6058	26		4B		
	6059	26		4B		
	6060	26		4B		
	6064	26		4B		
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10/24/02	5340	20		4B		
		20		4B		
	5275	20	656	4B		
	6062	26		4B		
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	5277	20		4B		
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10/25/02		20		4B		
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10/25/02	5066	26	48
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	5347	20	48
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10/31/02	5082	26	558	AREA 4A
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	5905	26		
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	6083	26		
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11/1/02	6085	26	260	
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	5085	26		
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11/4/02	6085	26	644	AREA 1
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	5914	20		
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11/5/02	7010	20	836	
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	7259	18		
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Page 5 of 11

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11/26/02	8708	20	80
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12/3/02	8964	20	320
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	12/9/02	8830	20	300
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	12/10/02	8833	20	480
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	12/12/02	8638	20	408	
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	12/13/02	8900	20	360	
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		10811	20		
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	12/15/02	10553	20	780	
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12/17/02	11356	20	880
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Page 10 of 11

GCS TOTAL	600
AREA 1 TOTAL	10152
AREA 2 TOTAL	286
AREA 4A TOTAL	4498
AREA 4B TOTAL	1294
TOTAL:	16830

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1/26/04

LARNED & SONS TRUCKLOAD BREAKDOWN

Date	Ticket #	#3 Stone-C (Tons)	#3's and #4's Stone (Tons)	Canal Stone
08/12/03	27881		22.28	
09/02/03	30095			25.57
09/04/03	29529	25.65		
09/12/03	33320	21.25		
09/12/03	30241	22.28		
09/16/03	33168	24.33		
09/16/03	33327	21.94		
09/16/03	33113	25.25		
09/24/03	32480	23.10		
09/24/03	33690	23.31		
10/02/03	34614	32.03		
10/02/03	33244	33.20		
10/15/03	35782	22.26		
10/15/03	36311	21.90		
10/20/03	36867	31.97		
10/20/03	37124	23.76		
10/20/03	36409	24.31		
10/24/03	37454	23.70		
10/27/03	35471	23.23		
11/13/03	37591	26.94		
11/13/03	37666	26.93		
12/01/03	39227	25.98		
12/01/03	39928	25.73		
		Total (Tons)	Total (Tons)	Total (Tons)
Totals:		529.05	22.28	25.57

Area 4C Fill

Date	Ticket #	Select Fill (Yards)
05/03/05	27102	20.00
05/03/05	24100	20.00
05/03/05	24099	20.00
05/03/05	24098	20.00
05/03/05	27101	20.00
05/03/05	24097	20.00
05/03/05	24798	20.00
05/03/05	24800	20.00
05/03/05	24799	20.00
05/03/05	23894	20.00
05/03/05	23895	20.00
05/03/05	23896	20.00
05/03/05	25142	20.00
05/03/05	25141	20.00
05/03/05	25140	20.00
05/03/05	25139	20.00
05/03/05	25143	20.00
05/03/05	25138	20.00
05/04/05	25672	24.00
05/04/05	25671	24.00
05/04/05	25670	24.00
05/04/05	25669	24.00
05/04/05	25668	24.00
05/04/05	25667	24.00
05/04/05	25673	24.00
05/04/05	25338	20.00
05/04/05	25334	20.00
05/04/05	25337	20.00
05/04/05	25333	20.00
05/04/05	27109	20.00
05/04/05	27107	20.00
05/04/05	27110	20.00
05/04/05	27104	20.00
05/04/05	27108	20.00
05/04/05	27105	20.00
05/04/05	27501	20.00
05/04/05	25145	20.00
05/04/05	25146	20.00
05/04/05	25147	20.00
05/04/05	25148	20.00
05/04/05	25149	20.00
05/04/05	25150	20.00
05/04/05	26703	20.00
05/04/05	26702	20.00
05/04/05	19650	20.00
05/04/05	26701	20.00
05/04/05	26704	20.00
05/04/05	26705	20.00
05/04/05	26706	20.00
05/04/05	22957	18.00
05/04/05	22956	18.00
05/04/05	22955	18.00
05/04/05	22954	18.00
05/04/05	22958	18.00
05/05/05	26716	20.00
05/05/05	26715	20.00
05/05/05	25675	24.00
05/05/05	25676	24.00
05/05/05	25677	24.00
05/05/05	25678	24.00
05/05/05	25679	24.00
05/05/05	25680	24.00
05/05/05	25681	24.00
05/05/05	27509	20.00
05/05/05	27508	20.00
05/05/05	27507	20.00
05/05/05	27506	20.00
05/05/05	27505	20.00
05/05/05	27504	20.00
05/05/05	27503	20.00
05/05/05	27502	20.00
05/05/05	27112	20.00
05/05/05	27113	20.00
05/05/05	27114	20.00
05/05/05	27115	20.00

05/05/05	27116	20.00
05/05/05	27117	20.00
05/05/05	27118	20.00
05/05/05	19150	18.00
05/05/05	19149	18.00
05/05/05	27253	20.00
05/05/05	25348	20.00
05/05/05	25347	20.00
05/05/05	25348	20.00
05/05/05	25345	20.00
05/05/05	25344	20.00
05/05/05	25343	20.00
05/05/05	25342	20.00
05/05/05	25341	20.00
05/05/05	25340	20.00
05/05/05	26707	20.00
05/05/05	26708	20.00
05/05/05	26709	20.00
05/05/05	26710	20.00
05/05/05	26711	20.00
05/05/05	26712	20.00
05/05/05	26713	20.00
05/05/05	26714	20.00
05/06/05	25687	24.00
05/06/05	25686	24.00
05/06/05	25685	24.00
05/06/05	25684	24.00
05/06/05	25683	24.00
05/06/05	26722	20.00
05/06/05	26721	20.00
05/06/05	26720	20.00
05/06/05	26718	20.00
05/06/05	26719	20.00
05/06/05	27123	20.00
05/06/05	27122	20.00
05/06/05	27121	20.00
05/06/05	27120	20.00
05/09/05	25689	24.00
05/09/05	25690	24.00
05/09/05	25692	24.00
05/09/05	25693	24.00
05/09/05	25694	20.00
05/09/05	27331	20.00
05/09/05	27330	20.00

Select Fill
(Yards)

Totals:	2458.00

APPENDIX G

Offsite Fill Material Certifications

WILLIAM M. LARNED & SONS, INC.

544 Burdeck Street
Schenectady, New York 12306

Excavating

Phone: (518) 374-6961

Fax: (518) 393-4722

Sand & Gravel

August 12, 2002

O'Brien & Gere Engineers, Inc,
14 Walker Way
Albany, NY 12205

Gentlemen:

Please be advised that the material you requested to be delivered to you BASF
Rennselaer, NY job is in fact virgin material. We are certain of this as trees are striped
and topsoil is removed at the time material is requested. The source of this material is
originating from Keller's pit on Route 150 for the sand product required for this job.

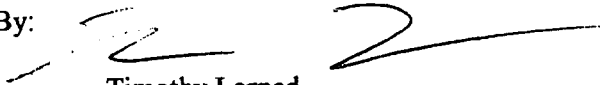
We feel, to the best of our knowledge, that this material will meet you requirements.

If we can be of further assistance to you in this matter, please do not hesitate to call on us.

Very truly yours,

William M. Larned & Sons, Inc.

By:



Timothy Larned
President

TL:jam

WILLIAM M. LARNED & SONS, INC.

544 Burdeck Street
Schenectady, New York 12306

Phone: (518) 374-6961
Fax: (518) 393-4722

Excavating

Sand & Gravel

August 12, 2002

O'Brien & Gere Engineers, Inc,
14 Walker Way
Albany, NY 12205

Gentlemen:

Please be advised that the material you requested to be delivered to you BASF
Rennselaer, NY job is in fact virgin material. We are certain of this as trees are striped
and topsoil is removed at the time material is requested. The source of this material is
originating from Callanan Industries for the stone product required from this job.

We feel, to the best of our knowledge, that this material will meet you requirements.

If we can be of further assistance to you in this matter, please do not hesitate to call on us.

Very truly yours,

William M. Larned & Sons, Inc.

By: 

Timothy Larned
President

TL:jam

APPENDIX H

Analytical Laboratory Results for Imported Offsite Backfill

Submittal Transmittal

O'Brien & Gere Inc. of North America
Rensselaer Remediation Project (31566)

36 Riverside Dr.
Rensselaer, New York 12144

Submittal No.: 004-02225 Rev 0

Date Range: All Dates

Printed on: 12/ 2/02

Transmitted To
Omar Ramotar Roux Associates, Inc. 1377 Motor Parkway Islandia, NY 11749 Tel: 631-232-2600 Fax: 631-232-9898

Date	Qty	Submittal Package Action	
12/ 2/02	5		
Submitted By		Transmitted For	Delivered By
Christopher Killoren		Information	Hand

Submittal Package No.	Description	Trade
004-02225 Rev 0	Borrow Fill Source - Analytical Results	Fill Materials

Submittal Items	Description	Notes	Item Action
1	Chemical Testing of Select Fill - Analytical Results (Once per 2,500 cubic yards)		

Remarks	Copies To
	OGINA - P. Mazurkiewicz (w/ cover only) - K. Koennecke (w/ cover only) - BASF File: 31566

#

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 3744
Sample: Y0371
Sample Description: Stockpile Keller Select Fill
Instrument: HP5970 GC/MS#2
Units: ug/Kg Dry weight
Number of analytes: 58

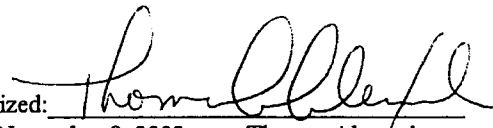
Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 10/31/02 Matrix: Solid
Received: 11/01/02 QC Batch: 110602S2
Prepared: 11/06/02 %Solids: 95.9
Sample Size: 5 g
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Dichlorodifluoromethane	<5.2	U	5.2	11/06/02
Chloromethane	<5.2	U	5.2	11/06/02
Vinyl chloride	<5.2	U	5.2	11/06/02
Bromomethane	<5.2	U	5.2	11/06/02
Chloroethane	<5.2	U	5.2	11/06/02
Trichlorofluoromethane	<5.2	U	5.2	11/06/02
1,1-Dichloroethene	<2.6	U	2.6	11/06/02
Methylene chloride	<5.2	U	5.2	11/06/02
trans-1,2-Dichloroethene	<2.6	U	2.6	11/06/02
1,1-Dichloroethane	<2.6	U	2.6	11/06/02
cis-1,2-Dichloroethene	<2.6	U	2.6	11/06/02
Bromochloromethane	<2.6	U	2.6	11/06/02
Chloroform	<2.6	U	2.6	11/06/02
2,2-Dichloropropane	<2.6	U	2.6	11/06/02
1,2-Dichloroethane	<2.6	U	2.6	11/06/02
1,1,1-Trichloroethane	<2.6	U	2.6	11/06/02
1,1-Dichloropropene	<2.6	U	2.6	11/06/02
Carbon tetrachloride	<2.6	U	2.6	11/06/02
Benzene	<2.6	U	2.6	11/06/02
Dibromomethane	<2.6	U	2.6	11/06/02
1,2-Dichloropropane	<2.6	U	2.6	11/06/02
Trichloroethene	<2.6	U	2.6	11/06/02
Bromodichloromethane	<2.6	U	2.6	11/06/02
cis-1,3-Dichloropropene	<2.6	U	2.6	11/06/02
trans-1,3-Dichloropropene	<2.6	U	2.6	11/06/02
1,1,2-Trichloroethane	<2.6	U	2.6	11/06/02
Toluene	<2.6	U	2.6	11/06/02
1,3-Dichloropropane	<2.6	U	2.6	11/06/02
Dibromochloromethane	<2.6	U	2.6	11/06/02
1,2-Dibromoethane	<2.6	U	2.6	11/06/02
Tetrachloroethene	<2.6	U	2.6	11/06/02
1,1,1,2-Tetrachloroethane	<2.6	U	2.6	11/06/02
Chlorobenzene	<2.6	U	2.6	11/06/02
Ethylbenzene	<2.6	U	2.6	11/06/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: November 8, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 3744
Sample: Y0371
Sample Description: Stockpile Keller Select Fill
Instrument: HP5970 GC/MS#2
Units: ug/Kg Dry weight
Number of analytes: 58

Job No.: 3027.017.11100
Certification NY No.: 10155

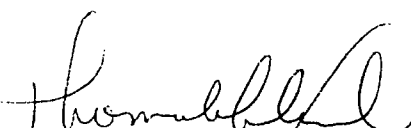
Collected: 10/31/02 Matrix: Solid
Received: 11/01/02 QC Batch: 110602S2
Prepared: 11/06/02 %Solids: 95.9
Sample Size: 5 g
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Bromoform	<2.6	U	2.6	11/06/02
Xylene (total)	<2.6	U	2.6	11/06/02
Styrene	<2.6	U	2.6	11/06/02
1,1,2,2-Tetrachloroethane	<2.6	U	2.6	11/06/02
1,2,3-Trichloropropane	<2.6	U	2.6	11/06/02
Isopropylbenzene	<2.6	U	2.6	11/06/02
Bromobenzene	<2.6	U	2.6	11/06/02
n-Propylbenzene	<2.6	U	2.6	11/06/02
2-Chlorotoluene	<2.6	U	2.6	11/06/02
4-Chlorotoluene	<2.6	U	2.6	11/06/02
1,3,5-Trimethylbenzene	<2.6	U	2.6	11/06/02
tert-Butylbenzene	<2.6	U	2.6	11/06/02
n-Butylbenzene	<2.6	U	2.6	11/06/02
1,2,4-Trimethylbenzene	<2.6	U	2.6	11/06/02
sec-Butylbenzene	<2.6	U	2.6	11/06/02
1,3-Dichlorobenzene	<2.6	U	2.6	11/06/02
1,4-Dichlorobenzene	<2.6	U	2.6	11/06/02
p-Isopropyltoluene	<2.6	U	2.6	11/06/02
1,2-Dichlorobenzene	<2.6	U	2.6	11/06/02
1,2-Dibromo-3-chloropropane	<5.2	U	5.2	11/06/02
1,2,4-Trichlorobenzene	<5.2	U	5.2	11/06/02
Naphthalene	<5.2	U	5.2	11/06/02
Hexachlorobutadiene	<5.2	U	5.2	11/06/02
1,2,3-Trichlorobenzene	<5.2	U	5.2	11/06/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	100		54 - 145
1,2-Dichloroethane-d4 (surrogate)	105		73 - 131
Toluene-d8 (surrogate)	104		71 - 124
Bromofluorobenzene (surrogate)	82		58 - 128

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 8, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 3744
Sample: Y0372
Sample Description: QC Trip Blank
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 58

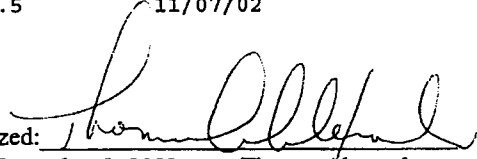
Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 10/31/02 Matrix: Water
Received: 11/01/02 QC Batch: 110702S2
Prepared: 11/07/02 %Solids:
Sample Size: 5 mL
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Dichlorodifluoromethane	<5.0	U	5	11/07/02
Chloromethane	<5.0	U	5	11/07/02
Vinyl chloride	<5.0	U	5	11/07/02
Bromomethane	<5.0	U	5	11/07/02
Chloroethane	<5.0	U	5	11/07/02
Trichlorofluoromethane	<5.0	U	5	11/07/02
1,1-Dichloroethene	<2.5	U	2.5	11/07/02
Methylene chloride	<10.	U	10	11/07/02
trans-1,2-Dichloroethene	<2.5	U	2.5	11/07/02
1,1-Dichloroethane	<2.5	U	2.5	11/07/02
cis-1,2-Dichloroethene	<2.5	U	2.5	11/07/02
Bromochloromethane	<2.5	U	2.5	11/07/02
Chloroform	<2.5	U	2.5	11/07/02
2,2-Dichloropropane	<2.5	U	2.5	11/07/02
1,2-Dichloroethane	<2.5	U	2.5	11/07/02
1,1,1-Trichloroethane	<2.5	U	2.5	11/07/02
1,1-Dichloropropene	<2.5	U	2.5	11/07/02
Carbon tetrachloride	<2.5	U	2.5	11/07/02
Benzene	<2.5	U	2.5	11/07/02
Dibromomethane	<2.5	U	2.5	11/07/02
1,2-Dichloropropane	<2.5	U	2.5	11/07/02
Trichloroethene	<2.5	U	2.5	11/07/02
Bromodichloromethane	<2.5	U	2.5	11/07/02
cis-1,3-Dichloropropene	<2.5	U	2.5	11/07/02
trans-1,3-Dichloropropene	<2.5	U	2.5	11/07/02
1,1,2-Trichloroethane	<2.5	U	2.5	11/07/02
Toluene	<2.5	U	2.5	11/07/02
1,3-Dichloropropane	<2.5	U	2.5	11/07/02
Dibromochloromethane	<2.5	U	2.5	11/07/02
1,2-Dibromoethane	<2.5	U	2.5	11/07/02
Tetrachloroethene	<2.5	U	2.5	11/07/02
1,1,1,2-Tetrachloroethane	<2.5	U	2.5	11/07/02
Chlorobenzene	<2.5	U	2.5	11/07/02
Ethylbenzene	<2.5	U	2.5	11/07/02
Bromoform	<2.5	U	2.5	11/07/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: November 8, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 3744
Sample: Y0372
Sample Description: QC Trip Blank
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 58

Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 10/31/02 Matrix: Water
Received: 11/01/02 QC Batch: 110702S2
Prepared: 11/07/02 %Solids:
Sample Size: 5 mL
Dilution: 1

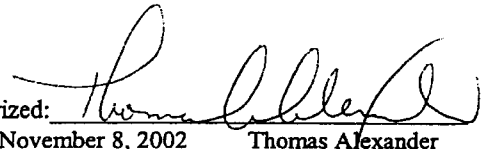
Parameter	Result	Qual	PQL	Analyzed Notes
Xylene (total)	<2.5	U	2.5	11/07/02
Styrene	<2.5	U	2.5	11/07/02
1,1,2,2-Tetrachloroethane	<2.5	U	2.5	11/07/02
1,2,3-Trichloropropane	<2.5	U	2.5	11/07/02
Isopropylbenzene	<2.5	U	2.5	11/07/02
Bromobenzene	<2.5	U	2.5	11/07/02
n-Propylbenzene	<2.5	U	2.5	11/07/02
2-Chlorotoluene	<2.5	U	2.5	11/07/02
4-Chlorotoluene	<2.5	U	2.5	11/07/02
1,3,5-Trimethylbenzene	<2.5	U	2.5	11/07/02
tert-Butylbenzene	<2.5	U	2.5	11/07/02
n-Butylbenzene	<2.5	U	2.5	11/07/02
1,2,4-Trimethylbenzene	<2.5	U	2.5	11/07/02
sec-Butylbenzene	<2.5	U	2.5	11/07/02
1,3-Dichlorobenzene	<2.5	U	2.5	11/07/02
1,4-Dichlorobenzene	<2.5	U	2.5	11/07/02
p-Isopropyltoluene	<2.5	U	2.5	11/07/02
1,2-Dichlorobenzene	<2.5	U	2.5	11/07/02
1,2-Dibromo-3-chloropropane	<5.0	U	5	11/07/02
1,2,4-Trichlorobenzene	<5.0	U	5	11/07/02
Naphthalene	<5.0	U	5	11/07/02
Hexachlorobutadiene	<5.0	U	5	11/07/02
1,2,3-Trichlorobenzene	<5.0	U	5	11/07/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	98		71 - 130
1,2-Dichloroethane-d4 (surrogate)	102		76 - 126
Toluene-d8 (surrogate)	106		82 - 119
Bromofluorobenzene (surrogate)	84		75 - 119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: November 8, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 3744
Sample: Y0371
Sample Description: Stockpile Keller Select Fill
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 65

Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 10/31/02 Matrix: Solid
Received: 11/01/02 QC Batch: 110502S1
Prepared: 11/05/02 %Solids: 95.9
Sample Size: 30 g
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
bis(2-Chloroethyl) ether	<350.	U	350.	11/06/02
Phenol	<350.	U	350.	11/06/02
2-Chlorophenol	<350.	U	350.	11/06/02
1,3-Dichlorobenzene	<350.	U	350.	11/06/02
1,4-Dichlorobenzene	<350.	U	350.	11/06/02
Benzyl alcohol	<350.	U	350.	11/06/02
1,2-Dichlorobenzene	<350.	U	350.	11/06/02
2-Methylphenol	<350.	U	350.	11/06/02
bis(2-Chloroisopropyl) ether	<350.	U	350.	11/06/02
4-Methylphenol	<350.	U	350.	11/06/02
N-Nitroso-di-n-propylamine	<350.	U	350.	11/06/02
Hexachloroethane	<350.	U	350.	11/06/02
Nitrobenzene	<350.	U	350.	11/06/02
Isophorone	<350.	U	350.	11/06/02
2-Nitrophenol	<350.	U	350.	11/06/02
2,4-Dimethylphenol	<350.	U	350.	11/06/02
bis(2-Chloroethoxy) methane	<350.	U	350.	11/06/02
Benzoic acid	<1700.	U	1700.	11/06/02
2,4-Dichlorophenol	<350.	U	350.	11/06/02
1,2,4-Trichlorobenzene	<350.	U	350.	11/06/02
Naphthalene	<350.	U	350.	11/06/02
4-Chloroaniline	<350.	U	350.	11/06/02
Hexachlorobutadiene	<350.	U	350.	11/06/02
4-Chloro-3-methylphenol	<350.	U	350.	11/06/02
2-Methylnaphthalene	<350.	U	350.	11/06/02
Hexachlorocyclopentadiene	<350.	U	350.	11/06/02
2,4,6-Trichlorophenol	<350.	U	350.	11/06/02
2,4,5-Trichlorophenol	<1700.	U	1700.	11/06/02
2-Chloronaphthalene	<350.	U	350.	11/06/02
2-Nitroaniline	<1700.	U	1700.	11/06/02
Dimethyl phthalate	<350.	U	350.	11/06/02
Acenaphthylene	<350.	U	350.	11/06/02
2,6-Dinitrotoluene	<350.	U	350.	11/06/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 7, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 3744
Sample: Y0371
Sample Description: Stockpile Keller Select Fill
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 65

Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 10/31/02 Matrix: Solid
Received: 11/01/02 QC Batch: 110502S1
Prepared: 11/05/02 %Solids: 95.9
Sample Size: 30 g
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
3-Nitroaniline	<1700.	U	1700.	11/06/02	
Acenaphthene	<350.	U	350.	11/06/02	
2,4-Dinitrophenol	<1700.	U	1700.	11/06/02	
4-Nitrophenol	<1700.	U	1700.	11/06/02	
Dibenzofuran	<350.	U	350.	11/06/02	
2,4-Dinitrotoluene	<350.	U	350.	11/06/02	
Diethyl phthalate	<350.	U	350.	11/06/02	
Fluorene	<350.	U	350.	11/06/02	
4-Chlorophenyl phenyl ether	<350.	U	350.	11/06/02	
4-Nitroaniline	<1700.	U	1700.	11/06/02	
4,6-Dinitro-2-methylphenol	<1700.	U	1700.	11/06/02	
N-Nitrosodiphenylamine	<350.	U	350.	11/06/02	
4-Bromophenyl phenyl ether	<350.	U	350.	11/06/02	
Hexachlorobenzene	<350.	U	350.	11/06/02	
Pentachlorophenol	<1700.	U	1700.	11/06/02	
Phenanthrene	<350.	U	350.	11/06/02	
Anthracene	<350.	U	350.	11/06/02	
Di-n-butyl phthalate	<350.	U	350.	11/06/02	
Fluoranthene	<350.	U	350.	11/06/02	
Pyrene	<350.	U	350.	11/06/02	
Butyl benzyl phthalate	<350.	U	350.	11/06/02	
3,3'-Dichlorobenzidine	<700.	U	700.	11/06/02	
Benzo[a]anthracene	<350.	U	350.	11/06/02	
Chrysene	<350.	U	350.	11/06/02	
bis(2-Ethylhexyl)phthalate	<350.	U	350.	11/06/02	
Di-n-octyl phthalate	<350.	U	350.	11/06/02	
Benzo[b]fluoranthene	<350.	U	350.	11/06/02	
Benzo[k]fluoranthene	<350.	U	350.	11/06/02	
Benzo[a]pyrene	<350.	U	350.	11/06/02	
Indeno[1,2,3-cd]pyrene	<350.	U	350.	11/06/02	
Dibenz[a,h]anthracene	<350.	U	350.	11/06/02	
Benzo[g,h,i]perylene	<350.	U	350.	11/06/02	

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 7, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 3744

Sample: Y0371

Sample Description: Stockpile Keller Select Fill

Instrument: HP5972A GCMS#5

Units: ug/Kg Dry weight

Number of analytes: 65

Job No.: 3027.017.11100

Certification NY No.: 10155

Collected: 10/31/02

Received: 11/01/02

Prepared: 11/05/02

Matrix: Solid

QC Batch: 110502S1

%Solids: 95.9

Sample Size: 30 g

Dilution: 1

Surrogate	%R	Qual	%R Limits
2-Fluorophenol (surrogate)	82.		43 - 126
Phenol-d5 (surrogate)	83.		43 - 121
2,4,6-Tribromophenol (surrogate)	95.		55 - 140
Nitrobenzene-d5 (surrogate)	78.		38 - 126
2-Fluorobiphenyl (surrogate)	90.		55 - 120
Terphenyl-d14 (surrogate)	80.		52 - 129

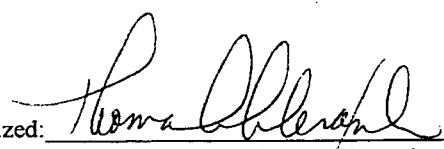
Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

Authorized: 

Date: November 7, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8081

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 3744

Sample: Y 0371

Sample Description: Stockpile Keller Select Fill

Instrument: HP5890-GT

Units: mg/Kg Dry weight

Number of analytes: 21 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3027.017.11100

Certification NY No.: 10155

Collected: 10/31/02

Matrix: Solid

Received: 11/01/02

QC Batch: 110802S2

Prepared: 11/08/02

%Solids: 95.9

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
a-BHC	< .0017	U	.0017	1	11/13/02
b-BHC	< .0017	U	.0017	1	11/13/02
d-BHC	< .0017	U	.0017	1	11/13/02
Lindane	< .0017	U	.0017	1	11/13/02
Heptachlor	< .0017	U	.0017	1	11/13/02
Aldrin	< .0017	U	.0017	1	11/13/02
Heptachlor epoxide	< .0017	U	.0017	1	11/13/02
Endosulfan I	< .0017	U	.0017	1	11/13/02
Dieldrin	< .0035	U	.0035	1	11/13/02
4-4-DDE	< .0035	U	.0035	1	11/13/02
Endrin	< .0035	U	.0035	1	11/13/02
Endosulfan II	< .0035	U	.0035	1	11/13/02
4-4-DDD	< .0035	U	.0035	1	11/13/02
Endosulfan sulfate	< .0035	U	.0035	1	11/13/02
4-4-DDT	< .0035	U	.0035	1	11/13/02
Methoxychlor	< .017	U	.017	1	11/13/02
Endrin aldehyde	< .0035	U	.0035	1	11/13/02
Endrin ketone	< .0035	U	.0035	1	11/13/02
a-Chlordane	< .0017	U	.0017	1	11/13/02
γ-Chlordane	< .0017	U	.0017	1	11/13/02
Toxaphene	< .017	U	.017	1	11/13/02

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	78.		28-150
Decachlorobiphenyl (surrogate)	66.		19-158

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 

Date: November 14, 2002

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 3744

Sample: Y 0371

Sample Description: Stockpile Keller Select Fill

Instrument: HP5890-89

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3027.017.11100

Certification NY No.: 10155

Collected: 10/31/02

Received: 11/01/02

Prepared: 11/07/02

Matrix: Solid

QC Batch: 110702S2

%Solids: 95.9

Sample Size: 30 g

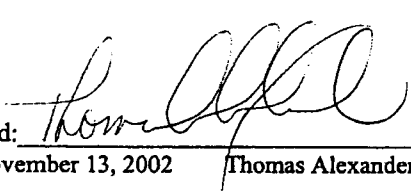
Primary: Y

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
PCB-1016	< .017	U	.017	1	11/12/02
PCB-1221	< .017	U	.017	1	11/12/02
PCB-1232	< .017	U	.017	1	11/12/02
PCB-1242	< .017	U	.017	1	11/12/02
PCB-1248	< .017	U	.017	1	11/12/02
PCB-1254	< .017	U	.017	1	11/12/02
PCB-1260	< .017	U	.017	1	11/12/02

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	76.		50-155
Decachlorobiphenyl (surrogate)	91.		56-146

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.
P - RPD>40% between primary and confirmation.

Authorized: 

Date: November 13, 2002

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8151**

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 3744

Sample: Y 0371

Sample Description: Stockpile Keller Select Fill

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 3 Column Name: DB-608, 30m x .53mm ID

Job No.: 3027 . 017.11100

Certification NY No.: 10155

Collected: 10/31/02

Matrix: Solid

Received: 11/01/02

QC Batch: 110802H1

Prepared: 11/08/02

%Solids: 95.9

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
2,4-D	< .70	U	.70	1	11/11/02
2,4,5-TP (Silvex)	< .070	U	.07	1	11/11/02
2,4,5-T	< .070	U	.07	1	11/11/02

Surrogate	%R	Qual	%R Limits
2,4-Dichlorophenyl acetic acid	86.		30-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized:

Date: November 12, 2002

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 3744

Sample: Y0371

Samp. Description: Stockpile Keller Select Fill

Units: mg/Kg Dry weight

Job No.: 3027.017.11100

Certification NY No.: 10155

Collected: 10/31/02

Matrix: Solid

Received: 11/01/02

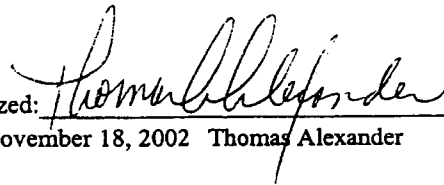
%Solids: 95.9

Number of analytes: 13

Parameter	Result	Method	Prepared	Analyzed	QC Batch	Dilut. Note
Antimony	<6.3	6010	11/11/02	11/13/02	111102S1	1
Arsenic	5.2	6010	11/11/02	11/13/02	111102S1	1
Beryllium	<1.0	6010	11/11/02	11/13/02	111102S1	1
Cadmium	<1.0	6010	11/11/02	11/13/02	111102S1	1
Chromium	14.	6010	11/11/02	11/13/02	111102S1	1
Copper	27.	6010	11/11/02	11/13/02	111102S1	1
Lead	11.	6010	11/11/02	11/13/02	111102S1	1
Mercury	<.10	245.5	11/12/02	11/12/02	111202S1	1
Nickel	21.	6010	11/11/02	11/13/02	111102S1	1
Selenium	<.52	6010	11/11/02	11/13/02	111102S1	1
Silver	<1.0	6010	11/11/02	11/13/02	111102S1	1
Thallium	<1.0	6010	11/11/02	11/13/02	111102S1	1
Zinc	69.	6010	11/11/02	11/13/02	111102S1	1

Notes:

J-Estimated value

Authorized: 

Date: November 18, 2002 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**5000 Brittonfield Parkway
East Syracuse, New York 13057
(315) 437-0200**

3744

Turnaround Time Required:
 Routine 1
 Rush (Specify) _____

Cooler Temperature: 19°C no ice

Original Laboratory Copy Client

Submittal Transmittal

Rensselaer Remediation Project (31566)

36 Riverside Dr.
Rensselaer, New York 12144

Date Range: All Dates

Printed on: 2/ 6/03

Transmitted To _____

Omar Ramotar
Roux Associates, Inc.
1377 Motor Parkway
Islandia, NY 11749
Tel: 631-232-2600
Fax: 631-232-9898

Date	Qty	Submittal Package Action
2/ 6/03	5	
Submitted By	Transmitted For	Delivered By
Christopher Killoren	Approval	Federal Express

Submittal Package No.	Description	Trade
011-02250 Rev 0	Soil Analytical Results - Select Fill Area 4A	Material Placement and

Submittal Items	Description	Notes	Item Action
A	Soil Analytical Results - Select Fill Area 4A	Five Copies (11 Pages Each)	

Remarks	Copies To
	OGINA - P. Mazurkiewicz (w/ cover only) - K. Koennecke (w/ cover only) - BASF File: 31566

#

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 4407
Sample: A0510
Sample Description: Keller Select Fill
Instrument: HP5970 GC/MS#2
Units: ug/Kg Dry weight
Number of analytes: 58

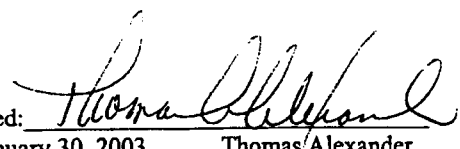
Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 01/16/03 Matrix: Solid
Received: 01/17/03 QC Batch: 012203S3
Prepared: 01/22/03 %Solids: 94.2
Sample Size: 5.03 g
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Dichlorodifluoromethane	<5.3	U	5.3	01/22/03
Chloromethane	<5.3	U	5.3	01/22/03
Vinyl chloride	<5.3	U	5.3	01/22/03
Bromomethane	<5.3	U	5.3	01/22/03
Chloroethane	<5.3	U	5.3	01/22/03
Trichlorofluoromethane	<5.3	U	5.3	01/22/03
1,1-Dichloroethene	<2.6	U	2.6	01/22/03
Methylene chloride	<5.3	U	5.3	01/22/03
trans-1,2-Dichloroethene	<2.6	U	2.6	01/22/03
1,1-Dichloroethane	<2.6	U	2.6	01/22/03
cis-1,2-Dichloroethene	<2.6	U	2.6	01/22/03
Bromochloromethane	<2.6	U	2.6	01/22/03
Chloroform	<2.6	U	2.6	01/22/03
2,2-Dichloropropane	<2.6	U	2.6	01/22/03
1,2-Dichloroethane	<2.6	U	2.6	01/22/03
1,1,1-Trichloroethane	<2.6	U	2.6	01/22/03
1,1-Dichloropropene	<2.6	U	2.6	01/22/03
Carbon tetrachloride	<2.6	U	2.6	01/22/03
Benzene	<2.6	U	2.6	01/22/03
Dibromomethane	<2.6	U	2.6	01/22/03
1,2-Dichloropropane	<2.6	U	2.6	01/22/03
Trichloroethene	<2.6	U	2.6	01/22/03
Bromodichloromethane	<2.6	U	2.6	01/22/03
cis-1,3-Dichloropropene	<2.6	U	2.6	01/22/03
trans-1,3-Dichloropropene	<2.6	U	2.6	01/22/03
1,1,2-Trichloroethane	<2.6	U	2.6	01/22/03
Toluene	<2.6	U	2.6	01/22/03
1,3-Dichloropropane	<2.6	U	2.6	01/22/03
Dibromochloromethane	<2.6	U	2.6	01/22/03
1,2-Dibromoethane	<2.6	U	2.6	01/22/03
Tetrachloroethene	<2.6	U	2.6	01/22/03
1,1,1,2-Tetrachloroethane	<2.6	U	2.6	01/22/03

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Authorized: 
Date: January 30, 2003 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 4407
Sample: A0510
Sample Description: Keller Select Fill
Instrument: HP5970 GC/MS#2
Units: ug/Kg Dry weight
Number of analytes: 58

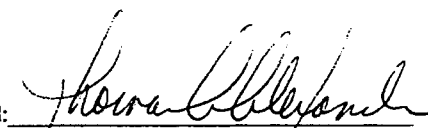
Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 01/16/03 Matrix: Solid
Received: 01/17/03 QC Batch: 012203S3
Prepared: 01/22/03 %Solids: 94.2
Sample Size: 5.03 g
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Chlorobenzene	<2.6	U	2.6	01/22/03
Ethylbenzene	<2.6	U	2.6	01/22/03
Bromoform	<2.6	U	2.6	01/22/03
Xylene (total)	<2.6	U	2.6	01/22/03
Styrene	<2.6	U	2.6	01/22/03
1,1,2,2-Tetrachloroethane	<2.6	U	2.6	01/22/03
1,2,3-Trichloropropane	<2.6	U	2.6	01/22/03
Isopropylbenzene	<2.6	U	2.6	01/22/03
Bromobenzene	<2.6	U	2.6	01/22/03
n-Propylbenzene	<2.6	U	2.6	01/22/03
2-Chlorotoluene	<2.6	U	2.6	01/22/03
4-Chlorotoluene	<2.6	U	2.6	01/22/03
1,3,5-Trimethylbenzene	<2.6	U	2.6	01/22/03
tert-Butylbenzene	<2.6	U	2.6	01/22/03
n-Butylbenzene	<2.6	U	2.6	01/22/03
1,2,4-Trimethylbenzene	<2.6	U	2.6	01/22/03
sec-Butylbenzene	<2.6	U	2.6	01/22/03
1,3-Dichlorobenzene	<2.6	U	2.6	01/22/03
1,4-Dichlorobenzene	<2.6	U	2.6	01/22/03
p-Isopropyltoluene	<2.6	U	2.6	01/22/03
1,2-Dichlorobenzene	<2.6	U	2.6	01/22/03
1,2-Dibromo-3-chloropropane	<5.3	U	5.3	01/22/03
1,2,4-Trichlorobenzene	<5.3	U	5.3	01/22/03
Naphthalene	<5.3	U	5.3	01/22/03
Hexachlorobutadiene	<5.3	U	5.3	01/22/03
1,2,3-Trichlorobenzene	<5.3	U	5.3	01/22/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	102		54 - 145
1,2-Dichloroethane-d4 (surrogate)	94		73 - 131
Toluene-d8 (surrogate)	94		71 - 124
Bromofluorobenzene (surrogate)	96		58 - 128

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: January 30, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

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O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

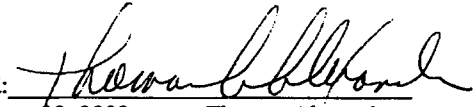
Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 4407
Sample: A0510
Sample Description: Keller Select Fill
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 65

Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 01/16/03 Matrix: Solid
Received: 01/17/03 QC Batch: 012303S1
Prepared: 01/23/03 %Solids: 94.2
Sample Size: 30 g
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
bis(2-Chloroethyl) ether	<350.	U	350.	01/23/03
Phenol	<350.	U	350.	01/23/03
2-Chlorophenol	<350.	U	350.	01/23/03
1,3-Dichlorobenzene	<350.	U	350.	01/23/03
1,4-Dichlorobenzene	<350.	U	350.	01/23/03
Benzyl alcohol	<350.	U	350.	01/23/03
1,2-Dichlorobenzene	<350.	U	350.	01/23/03
2-Methylphenol	<350.	U	350.	01/23/03
bis(2-Chloroisopropyl) ether	<350.	U	350.	01/23/03
4-Methylphenol	<350.	U	350.	01/23/03
N-Nitroso-di-n-propylamine	<350.	U	350.	01/23/03
Hexachloroethane	<350.	U	350.	01/23/03
Nitrobenzene	<350.	U	350.	01/23/03
Isophorone	<350.	U	350.	01/23/03
2-Nitrophenol	<350.	U	350.	01/23/03
2,4-Dimethylphenol	<350.	U	350.	01/23/03
bis(2-Chloroethoxy) methane	<350.	U	350.	01/23/03
Benzoic acid	<1800	U	1800.	01/23/03
2,4-Dichlorophenol	<350.	U	350.	01/23/03
1,2,4-Trichlorobenzene	<350.	U	350.	01/23/03
Naphthalene	<350.	U	350.	01/23/03
4-Chloroaniline	<350.	U	350.	01/23/03
Hexachlorobutadiene	<350.	U	350.	01/23/03
4-Chloro-3-methylphenol	<350.	U	350.	01/23/03
2-Methylnaphthalene	<350.	U	350.	01/23/03
Hexachlorocyclopentadiene	<350.	U	350.	01/23/03
2,4,6-Trichlorophenol	<350.	U	350.	01/23/03
2,4,5-Trichlorophenol	<1800	U	1800.	01/23/03
2-Chloronaphthalene	<350.	U	350.	01/23/03
2-Nitroaniline	<1800	U	1800.	01/23/03
Dimethyl phthalate	<350.	U	350.	01/23/03
Acenaphthylene	<350.	U	350.	01/23/03
2,6-Dinitrotoluene	<350.	U	350.	01/23/03

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: January 30, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

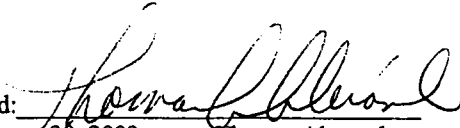
Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 4407
Sample: A0510
Sample Description: Keller Select Fill
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 65

Job No.: 3027.017.11100
Certification NY No.: 10155

Collected: 01/16/03 Matrix: Solid
Received: 01/17/03 QC Batch: 012303S1
Prepared: 01/23/03 %Solids: 94.2
Sample Size: 30 g
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
3-Nitroaniline	<1800	U	1800.	01/23/03
Acenaphthene	<350.	U	350.	01/23/03
2,4-Dinitrophenol	<1800	U	1800.	01/23/03
4-Nitrophenol	<1800	U	1800.	01/23/03
Dibenzofuran	<350.	U	350.	01/23/03
2,4-Dinitrotoluene	<350.	U	350.	01/23/03
Diethyl phthalate	<350.	U	350.	01/23/03
Fluorene	<350.	U	350.	01/23/03
4-Chlorophenyl phenyl ether	<350.	U	350.	01/23/03
4-Nitroaniline	<1800	U	1800.	01/23/03
4,6-Dinitro-2-methylphenol	<1800	U	1800.	01/23/03
N-Nitrosodiphenylamine	<350.	U	350.	01/23/03
4-Bromophenyl phenyl ether	<350.	U	350.	01/23/03
Hexachlorobenzene	<350.	U	350.	01/23/03
Pentachlorophenol	<1800	U	1800.	01/23/03
Phenanthrene	<350.	U	350.	01/23/03
Anthracene	<350.	U	350.	01/23/03
Di-n-butyl phthalate	<350.	U	350.	01/23/03
Fluoranthene	<350.	U	350.	01/23/03
Pyrene	<350.	U	350.	01/23/03
Butyl benzyl phthalate	<350.	U	350.	01/23/03
3,3'-Dichlorobenzidine	<710.	U	710.	01/23/03
Benzo[a]anthracene	<350.	U	350.	01/23/03
Chrysene	<350.	U	350.	01/23/03
bis(2-Ethylhexyl)phthalate	<350.	U	350.	01/23/03
Di-n-octyl phthalate	<350.	U	350.	01/23/03
Benzo[b]fluoranthene	<350.	U	350.	01/23/03
Benzo[k]fluoranthene	<350.	U	350.	01/23/03
Benzo[a]pyrene	<350.	U	350.	01/23/03
Indeno[1,2,3-cd]pyrene	<350.	U	350.	01/23/03
Dibenz[a,h]anthracene	<350.	U	350.	01/23/03
Benzo[g,h,i]perylene	<350.	U	350.	01/23/03

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits. U - Undetected at the reported level.
J - Reported value is estimated. D - Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: January 30, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 4407

Sample: A0510

Sample Description: Keller Select Fill

Instrument: HP5972 GC/MS#6

Units: ug/Kg Dry weight

Number of analytes: 65

Job No.: 3027.017.11100

Certification NY No.: 10155

Collected: 01/16/03

Received: 01/17/03

Prepared: 01/23/03

Matrix: Solid

QC Batch: 012303S1

%Solids: 94.2

Sample Size: 30 g

Dilution: 1

Surrogate	%R	Qual	%R Limits
2-Fluorophenol (surrogate)	71.		43-126
Phenol-d5 (surrogate)	73.		43-121
2,4,6-Tribromophenol (surrogate)	86.		55-140
Nitrobenzene-d5 (surrogate)	72.		38-126
2-Fluorobiphenyl (surrogate)	72.		55-120
Terphenyl-d14 (surrogate)	71.		52-129

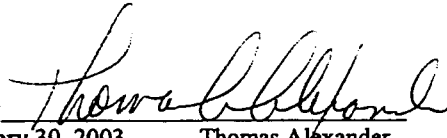
Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

Authorized: 

Date: January 30, 2003

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

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O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8081

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 4407

Sample: A 0510

Sample Description: Keller Select Fill

Instrument: HP5890-GT

Units: mg/Kg Dry weight

Number of analytes: 21 Column Name: RTXCLP, 30m x .53mmID

Job No.: 3027.017.11100

Certification NY No.: 10155

Collected: 01/16/03

Received: 01/17/03

Prepared: 01/21/03

Matrix: Solid

QC Batch: 012103S1

%Solids: 94.2

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
a-BHC	< .0018	U	.0018	1	01/23/03
b-BHC	< .0018	U	.0018	1	01/23/03
d-BHC	< .0018	U	.0018	1	01/23/03
Lindane	< .0018	U	.0018	1	01/23/03
Heptachlor	< .0018	U	.0018	1	01/23/03
Aldrin	< .0018	U	.0018	1	01/23/03
Heptachlor epoxide	< .0018	U	.0018	1	01/23/03
Endosulfan I	< .0018	U	.0018	1	01/23/03
Dieldrin	< .0035	U	.0035	1	01/23/03
4-4-DDE	< .0035	U	.0035	1	01/23/03
Endrin	< .0035	U	.0035	1	01/23/03
Endosulfan II	< .0035	U	.0035	1	01/23/03
4-4-DDD	< .0035	U	.0035	1	01/23/03
Endosulfan sulfate	< .0035	U	.0035	1	01/23/03
4-4-DDT	< .0035	U	.0035	1	01/23/03
Methoxychlor	< .018	U	.018	1	01/23/03
Endrin aldehyde	< .0035	U	.0035	1	01/23/03
Endrin ketone	< .0035	U	.0035	1	01/23/03
a-Chlordane	< .0018	U	.0018	1	01/23/03
γ-Chlordane	< .0018	U	.0018	1	01/23/03
Toxaphene	< .018	U	.018	1	01/23/03

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	84.		28-150
Decachlorobiphenyl (surrogate)	76.		19-158

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized:

Date: January 30, 2003

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8082

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 4407

Sample: A 0510

Sample Description: Keller Select Fill

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 7 Column Name: DB-608, 30m x .53mm ID

Job No.: 3027.017.11100

Certification NY No.: 10155

Collected: 01/16/03

Received: 01/17/03

Prepared: 01/21/03

Matrix: Solid

QC Batch: 012103S2

%Solids: 94.2

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
PCB-1016	< .018	U	.018	1	01/22/03
PCB-1221	< .018	U	.018	1	01/22/03
PCB-1232	< .018	U	.018	1	01/22/03
PCB-1242	< .018	U	.018	1	01/22/03
PCB-1248	< .018	U	.018	1	01/22/03
PCB-1254	< .018	U	.018	1	01/22/03
PCB-1260	< .018	U	.018	1	01/22/03

Surrogate	%R	Qual	%R Limits
2,4,5,6-Tetrachloro-m-Xylene (surrogate)	95.		50-155
Decachlorobiphenyl (surrogate)	91.		56-146

Notes:

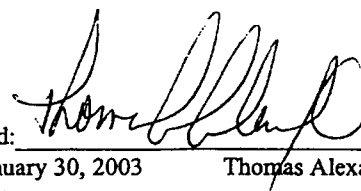
B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized: 

Date: January 30, 2003

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8151

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 4407

Sample: A 0510

Sample Description: Keller Select Fill

Instrument: HP5890-90

Units: mg/Kg Dry weight

Number of analytes: 18 Column Name: DB-1701, 30m x .53mm ID

Job No.: 3027.017.11100

Certification NY No.: 10155

Collected: 01/16/03

Received: 01/17/03

Prepared: 01/22/03

Matrix: Solid

QC Batch: 012203H1

%Solids: 94.2

Sample Size: 30 g

Primary: Y

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
Dalapon	< 1.8	U	1.80	1	01/24/03
MCPP	< 71.	U	71.0	1	01/24/03
Dicamba	< .071	U	.071	1	01/24/03
MCPA	< 71.	U	71.0	1	01/24/03
Dichloroprop	< .71	U	.71	1	01/24/03
2,4-D	< .71	U	.71	1	01/24/03
2,4,5-TP (Silvex)	< .071	U	.071	1	01/24/03
2,4,5-T	< .071	U	.071	1	01/24/03
Dinoseb	< .35	U	.35	1	01/24/03
2,4-DB	< .71	U	.71	1	01/24/03
Dalapon	< 1.8	U	1.80	1	01/24/03
Dicamba	< .071	U	.071	1	01/24/03
Dichloroprop	< .71	U	.71	1	01/24/03
2,4-D	< .71	U	.71	1	01/24/03
2,4,5-TP (Silvex)	< .071	U	.071	1	01/24/03
2,4,5-T	< .071	U	.071	1	01/24/03
Dinoseb	< .35	U	.35	1	01/24/03
2,4-DB	< .71	U	.71	1	01/24/03

Surrogate	%R	Qual	%R Limits
2,4-Dichlorophenyl acetic acid	86.		30-120
2,4-Dichlorophenyl acetic acid	86.		30-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

- Outside control limits. U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

P - RPD>40% between primary and confirmation.

Authorized:

Date: January 30, 2003

Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America

Project: BASF

Proj. Desc:

Package#: 4407

Sample: A0510

Sample Description: Keller Select Fill

Units: mg/Kg Dry weight

Job No.: 3027 . 017.11100

Certification NY No.: 10155

Collected: 01/16/03

Matrix: Solid

Received: 01/17/03

%Solids: 94.2

Number of analytes: 13

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Antimony	<6.4	U	6010	6.4	01/21/03	01/22/03	012103S1	1	
Arsenic	6.2		6010	.53	01/21/03	01/22/03	012103S1	1	
Beryllium	<1.1	U	6010	1.1	01/21/03	01/22/03	012103S1	1	
Cadmium	<1.1	U	6010	1.1	01/21/03	01/22/03	012103S1	1	
Chromium	15.		6010	1.1	01/21/03	01/22/03	012103S1	1	
Copper	31.		6010	1.1	01/21/03	01/22/03	012103S1	1	
Lead	12.		6010	.53	01/21/03	01/22/03	012103S1	1	
Mercury	<.11	U	7471	.11	01/31/03	01/31/03	013103S1	1	
Nickel	22.		6010	5.3	01/21/03	01/22/03	012103S1	1	
Selenium	.54		6010	.53	01/21/03	01/22/03	012103S1	1	
Silver	<1.1	U	6010	1.1	01/21/03	01/22/03	012103S1	1	
Thallium	<1.1	U	6010	1.1	01/21/03	01/22/03	012103S1	1	
Zinc	70.		6010	1.1	01/21/03	01/22/03	012103S1	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.

U - Undetected at the reported level.

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

Authorized:

Date: January 31, 2003

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America
Project: BASF
Proj. Desc:
Package#: 4407
Sample: A0510
Samp. Description: Keller Select Fill

Job No.: 3027.017.11100
Certification NY No.: 10155

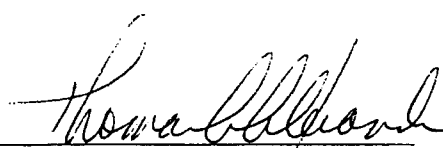
Collected: 01/16/03
Received: 01/17/03 14:10
Matrix: Solid

Number of Analytes: 1

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
% Total Solids	94.2		%	2540-G	1.0	01/26/03	012603S21	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank
U - Undetected at the reported level.
J - Reported value is estimated. D- Result is diluted.
E - Concentration exceeded the calibration range and is estimated.

Authorized: 
Date: January 30, 2003 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Original Laboratory Copy Client



O'BRIEN & GERE

Transmittal

To: Mr. Omar Ramotar
ROUX ASSOCIATES
209 Shafter St.
Islandia, NY 11749-5074

Ph: 631-232-2600
Fax: 631-232-9898

Date: May 10, 2005

File: 36655

Re: Area 4C and Lagoon Riprap

We are sending you:

☒ herewith ☐ under separate cover: ☐ drawings ☒ descriptive literature ☐ letters

If material received is not as listed, please notify us at once.

Quan.	Identifying Number	Title	Action
1		Select Fill Results (sample date 5/3/05)	I

* Action letter code:

R-reviewed
S-resubmit

N-reviewed and noted
J-rejected

I-for your information
Y-for your approval

Remarks:

cc: Chris Killoren

Very truly yours,
O'BRIEN & GERE, INC. OF NORTH AMERICA

Paul D. Mazurkiewicz, PE
Sr. Project Manager

Date: 05/06/2005

```
Project Number.....: 20000766
Customer Project ID....: BASF
Project Description....: BASF
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Page 1

Job Number: 209427

LABORATORY TEST RESULTS

Date: 05/06/2005

CUSTOMER: OBIEN & GERE LABORATORIES, INC

PROJECT: BASF

ATTN: Paul Mazurkiewicz

Customer Sample ID: WC-SOIL-IG-FA-1
 Date Sampled.....: 05/03/2005
 Time Sampled.....: 00:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 209427-1
 Date Received.....: 05/04/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	93.2			0.10	0.10	1	%	48106		05/04/05 0000	rlm
	% Moisture, Solid	6.8			0.10	0.10	1	%	48106		05/04/05 0000	rlm
8260B	Volatile Organics											
	Chloromethane, Solid*	ND		U	1.7	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Vinyl chloride, Solid*	ND		U	2.1	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Bromomethane, Solid*	ND		U	2.4	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Chloroethane, Solid*	ND		U	3.1	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,1-Dichloroethene, Solid*	ND		U	2.1	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Carbon disulfide, Solid*	ND		U	1.8	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Acetone, Solid*	ND		U	1.8	11	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Methylene chloride, Solid*			J	3.8	11	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,1-Dichloroethane, Solid*	ND		U	1.4	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Vinyl acetate, Solid*	ND		U	0.75	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	2-Butanone (MEK), Solid*	ND		U	2.5	11	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Chloroform, Solid*	ND		U	1.2	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,1,1-Trichloroethane, Solid*	ND		U	1.7	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Carbon tetrachloride, Solid*	ND		U	2.3	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,2-Dichloroethene (total), Solid*	ND		U	2.8	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Benzene, Solid*	ND		U	1.5	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,2-Dichloroethane, Solid*	ND		U	1.9	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Trichloroethene, Solid*	ND		U	1.8	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,2-Dichloropropane, Solid*	ND		U	1.2	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Bromodichloromethane, Solid*	ND		U	0.97	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	cis-1,3-Dichloropropene, Solid*	ND		U	0.43	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	4-Methyl-2-pentanone (MIBK), Solid*	ND		U	1.1	11	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Toluene, Solid*	ND		U	1.8	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	trans-1,3-Dichloropropene, Solid*	ND		U	0.54	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd

* In Description = Dry Wgt.

Job Number: 209427

LABORATORY TEST RESULTS

Date: 05/06/2005

CUSTOMER: O'Brien & Gere Laboratories, Inc

PROJECT: BASF

ATTN: Paul Mazurkiewicz

Customer Sample ID: WC-SOIL-IG-FA-1
Date Sampled.....: 05/03/2005
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 209427-1
Date Received.....: 05/04/2005
Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TSCH
	1,1,2-Trichloromethane, Solid*	ND	U		0.64	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Tetrachloroethene, Solid*	ND	U		2.0	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	2-Hexanone, Solid*	ND	U		2.5	11	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Dibromochloromethane, Solid*	ND	U		0.54	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Chlorobenzene, Solid*	ND	U		1.2	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Ethylbenzene, Solid*	ND	U		1.9	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Styrene, Solid*	ND	U		1.1	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Bromoform, Solid*	ND	U		0.64	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,1,2,2-Tetrachloroethane, Solid*	ND	U		0.54	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	Xylenes (total), Solid*	ND	U		4.8	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,3-Dichlorobenzene, Solid*	ND	U		1.2	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,4-Dichlorobenzene, Solid*	ND	U		0.97	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,2-Dichlorobenzene, Solid*	ND	U		0.43	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd
	1,2,4-Trichlorobenzene, Solid*	ND	U		0.75	5.4	1.00000	ug/Kg	48163		05/04/05 1220	lhd

* In Description = Dry Wgt.

Job Number: 209427

LABORATORY TEST RESULTS

Date: 05/06/2005

CUSTOMER: CERIEN & GERE LABORATORIES, INC

PROJECT: BASF

ATTN: Paul Mazurkiewicz

Customer Sample ID: WC-SOIL-IG-PB-1
 Date Sampled.....: 05/03/2005
 Time Sampled.....: 00:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 209427-2
 Date Received.....: 05/04/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	92.8			0.10	0.10	1	%	48106		05/04/05 0000	rlm
	% Moisture, Solid	7.2			0.10	0.10	1	%	48106		05/04/05 0000	rlm
7471A	Mercury (CVAA) Solids											
	Mercury, Solid*	0.019	B		0.014	0.047	1.0000	mg/Kg	48187		05/06/05 1156	dwh
6010B	Metals Analysis (ICAP Trace)											
	Aluminum, Solid*	9610			23.4	302	1	mg/Kg	48176		05/05/05 1632	dwh
	Antimony, Solid*	ND	U	N	1.3	13.7	1	mg/Kg	48176		05/05/05 1632	dwh
	Arsenic, Solid*	5.2	B		1.4	9.4	1	mg/Kg	48176		05/05/05 1632	dwh
	Barium, Solid*	47.0		*	0.22	2.3	1	mg/Kg	48176		05/05/05 1632	dwh
	Beryllium, Solid*	ND	U	N	0.59	2.3	1	mg/Kg	48176		05/05/05 1632	dwh
	Cadmium, Solid*	ND	U		1.2	3.5	1	mg/Kg	48176		05/05/05 1632	dwh
	Calcium, Solid*	3550			13.6	99.6	1	mg/Kg	48176		05/05/05 1632	dwh
	Chromium, Solid*	14.2			0.40	3.5	1	mg/Kg	48176		05/05/05 1632	dwh
	Cobalt, Solid*	8.4			0.49	2.3	1	mg/Kg	48176		05/05/05 1632	dwh
	Copper, Solid*	27.8		N	0.94	5.9	1	mg/Kg	48176		05/05/05 1632	dwh
	Iron, Solid*	23500			11.9	170	1	mg/Kg	48176		05/05/05 1632	dwh
	Lead, Solid*	10.5	B		0.89	10.5	1	mg/Kg	48176		05/05/05 1632	dwh
	Magnesium, Solid*	5040			10.8	41.0	1	mg/Kg	48176		05/05/05 1632	dwh
	Manganese, Solid*	640		*	0.75	2.9	1	mg/Kg	48176		05/05/05 1632	dwh
	Nickel, Solid*	21.1			0.52	5.9	1	mg/Kg	48176		05/05/05 1632	dwh
	Potassium, Solid*	710		N	46.9	234	1	mg/Kg	48176		05/05/05 1632	dwh
	Selenium, Solid*	ND	U		1.9	18.7	1	mg/Kg	48176		05/05/05 1632	dwh
	Silver, Solid*	ND	U		0.37	3.5	1	mg/Kg	48176		05/05/05 1632	dwh
	Sodium, Solid*	29.8	B	N	23.4	110	1	mg/Kg	48176		05/05/05 1632	dwh
	Thallium, Solid*	ND	U		1.5	25.8	1	mg/Kg	48176		05/05/05 1632	dwh
	Vanadium, Solid*	14.8			0.42	4.7	1	mg/Kg	48176		05/05/05 1632	dwh

* In Description = Dry Wgt.

Section 1

Section 2

Section 3

Section 4

Section 5

Section 6

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Section 32

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Section 38

Job Number: 209427

LABORATORY TEST RESULTS

Date: 05/06/2005

CUSTOMER: O'BRIEN & GERE LABORATORIES, INC

PROJECT: BASF

ATTN: Paul Mazurkiewicz

Customer Sample ID: WC-SOIL-IG-PB-1
 Date Sampled.....: 05/03/2005
 Time Sampled.....: 00:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 209427-2
 Date Received.....: 05/04/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Zinc, Solid*	61.9	N	4.5	23.4	1	mg/Kg	48176		05/05/05 1632	dwh
8270C	Semivolatile Organics										
	Phenol, Solid*	ND	U	100	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Bis(2-chloroethyl)ether, Solid*	ND	U	48	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	n-Nitroso-di-n-propylamine, Solid*	ND	U	48	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Hexachloroethane, Solid*	ND	U	63	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Nitrobenzene, Solid*	ND	U	43	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Bis(2-chloroethoxy)methane, Solid*	ND	U	61	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Isophorone, Solid*	ND	U	64	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Hexachlorobutadiene, Solid*	ND	U	73	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Naphthalene, Solid*	ND	U	61	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	2,4,5-Trichlorophenol, Solid*	ND	U	130	1700	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Hexachlorocyclopentadiene, Solid*	ND	U	270	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	2-Methylnaphthalene, Solid*	ND	U	57	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	2-Nitroaniline, Solid*	ND	U	45	1700	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	2-Chloronaphthalene, Solid*	ND	U	52	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	2,6-Dinitrotoluene, Solid*	ND	U	65	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	3-Nitroaniline, Solid*	ND	U	74	1700	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Dimethyl phthalate, Solid*	ND	U	55	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Acenaphthylene, Solid*	ND	U	44	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	2,4-Dinitrotoluene, Solid*	ND	U	64	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Acenaphthene, Solid*	ND	U	59	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Dibenzofuran, Solid*	ND	U	57	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	4-Nitrophenol, Solid*	ND	U	150	1700	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Fluorene, Solid*	ND	U	46	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	4-Nitroaniline, Solid*	ND	U	51	710	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	4-Bromophenyl phenyl ether, Solid*	ND	U	55	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Hexachlorobenzene, Solid*	ND	U	52	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm

* In Description = Dry Wgt.

Job Number: 209427

LABORATORY TEST RESULTS

Date: 05/06/2005

CUSTOMER: OBRIEN & GERE LABORATORIES, INC

PROJECT: BASF

ATTN: Paul Mazurkiewicz

Customer Sample ID: WC-SOIL-IG-PB-1
 Date Sampled.....: 05/03/2005
 Time Sampled.....: 00:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 209427-2
 Date Received.....: 05/04/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Diethyl phthalate, Solid*	ND	U	52	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	4-Chlorophenyl phenyl ether, Solid*	ND	U	49	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Pentachlorophenol, Solid*	ND	U	310	1700	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	n-Nitrosodiphenylamine, Solid*	ND	U	54	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Phenanthrene, Solid*	ND	U	42	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Anthracene, Solid*	ND	U	59	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Di-n-butyl phthalate, Solid*	ND	U	47	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Fluoranthene, Solid*	ND	U	45	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Pyrene, Solid*	ND	U	49	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Butyl benzyl phthalate, Solid*	ND	U	46	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Benzo(a)anthracene, Solid*	ND	U	48	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Chrysene, Solid*	ND	U	45	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Bis(2-ethylhexyl)phthalate, Solid*	ND	U	47	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Di-n-octyl phthalate, Solid*	ND	U	37	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Benzo(b)fluoranthene, Solid*	ND	U	100	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Benzo(k)fluoranthene, Solid*	ND	U	40	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Benzo(a)pyrene, Solid*	ND	U	44	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Indeno(1,2,3-cd)pyrene, Solid*	ND	U	36	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Dibenzo(a,h)anthracene, Solid*	ND	U	40	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm
	Benzo(ghi)perylene, Solid*	ND	U	40	350	1.00000	ug/Kg	48184		05/06/05 0353	dmm

* In Description = Dry Wgt.

Job Number: 209427

LABORATORY TEST RESULTS

Date: 05/06/2005

CUSTOMER: OBRIEN & GERE LABORATORIES, INC

PROJECT: BASF

ATTN: Paul Mazurkiewicz

Customer Sample ID: WC-SOIL-IG-PC-1
 Date Sampled.....: 05/03/2005
 Time Sampled.....: 00:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 209427-3
 Date Received.....: 05/04/2005
 Time Received.....: 10:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
ASTM D-2216	% Solids, Solid	92.7			0.10	0.10	1	%	48106		05/04/05 0000	rlm
	% Moisture, Solid	7.3			0.10	0.10	1	%	48106		05/04/05 0000	rlm
8081A	Organochlorine Pesticide Analysis											
	alpha-BHC, Solid*	ND		U	0.29	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	beta-BHC, Solid*	ND		U	0.29	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	delta-BHC, Solid*	ND		U	0.11	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	gamma-BHC (Lindane), Solid*	ND		U	0.16	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Heptachlor, Solid*	ND		U	0.16	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Aldrin, Solid*	ND		U	0.38	2.1	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Heptachlor epoxide, Solid*	ND		U	0.12	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Endosulfan I, Solid*	ND		U	0.16	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Dieldrin, Solid*	ND		U	0.34	3.5	1.00000	ug/Kg	48162		05/05/05 1243	joe
	4,4'-DDE, Solid*	ND		U	0.46	3.5	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Endrin, Solid*	ND		U	0.95	5.4	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Endosulfan II, Solid*	ND		U	0.18	3.5	1.00000	ug/Kg	48162		05/05/05 1243	joe
	4,4'-DDD, Solid*	ND		U	0.41	3.5	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Endosulfan sulfate, Solid*	ND		U	0.19	3.5	1.00000	ug/Kg	48162		05/05/05 1243	joe
	4,4'-DDT, Solid*	ND		U	0.33	3.5	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Methoxychlor, Solid*	ND		U	2.3	18	1.00000	ug/Kg	48162		05/05/05 1243	joe
	alpha-Chlordane, Solid*	ND		U	0.12	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	gamma-Chlordane, Solid*	ND		U	0.097	1.8	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Toxaphene, Solid*	ND		U	5.2	72	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Endrin aldehyde, Solid*	ND		U	0.35	3.5	1.00000	ug/Kg	48162		05/05/05 1243	joe
	Endrin ketone, Solid*	ND		U	0.15	3.5	1.00000	ug/Kg	48162		05/05/05 1243	joe
8082	PCB Analysis											
	Aroclor 1016, Solid*	ND		U	3.0	18	1.00000	ug/Kg	48157		05/05/05 1330	joe

* In Description = Dry Wgt.

Job Number: 209427

LABORATORY TEST RESULTS

Date: 05/06/2005

CUSTOMER: O'BRIEN & GERE LABORATORIES, INC

PROJECT: BASF

ATTN: Paul Mazurkiewicz

Customer Sample ID: WC-SOIL-IG-PC-1

Laboratory Sample ID: 209427-3

Date Sampled.....: 05/03/2005

Date Received.....: 05/04/2005

Time Sampled.....: 00:00

Time Received.....: 10:00

Sample Matrix.....: Soil

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Aroclor 1221, Solid*	ND		U	1.6	35	1.00000	ug/Kg	48157		05/05/05 1330	jos
	Aroclor 1232, Solid*	ND		U	2.0	18	1.00000	ug/Kg	48157		05/05/05 1330	jos
	Aroclor 1242, Solid*	ND		U	3.2	18	1.00000	ug/Kg	48157		05/05/05 1330	jos
	Aroclor 1248, Solid*	ND		U	2.9	18	1.00000	ug/Kg	48157		05/05/05 1330	jos
	Aroclor 1254, Solid*	ND		U	1.3	18	1.00000	ug/Kg	48157		05/05/05 1330	jos
	Aroclor 1260, Solid*	ND		U	4.3	18	1.00000	ug/Kg	48157		05/05/05 1330	jos

* In Description = Dry Wgt.

APPENDIX I

NYSDEC Approval to Place Excavated Materials from Area 4C and North Lagoon Sidewall in the North Lagoon

Wai Kwan

From: Dan Lightsey [drlights@gw.dec.state.ny.us]
Sent: Thursday, May 19, 2005 3:14 PM
To: Omar Ramotar
Cc: stclaij@basf-corp.com; reidgrj@basf.com; hmartin@elminc.com; Alan Geisendorfer; Keith Goertz; Nathan Epler; Wai Kwan
Subject: Re: BASF Site: Area 4C and Area 4C Sidewall Stockpiles

Hi Omar,

The NYSDEC approves the placement of stockpiles REN-4C-04 and REN-SW-01 onto the clay bottom of the north lagoon. Please call me if there are any other questions or concerns. Thanks,
Dan

>>> "Omar Ramotar" <oramotar@rouxinc.com> 5/19/2005 9:21:03 AM >>>

Mr. Lighstey,

The analytical results for the remaining two stockpiles (samples REN-4C-04 and REN-SW-01) indicate that the TCLP metals results for arsenic (and all metals) are well below HWRLs. As per your May 17, 2005 e-mail, the soil from these stockpiles will be re-used onsite as fill in the bottom of the North Lagoon.

The soils that are to be placed in the lagoon will be covered in the lagoon until the basin is filled as part of the Besicorp development. Besicorp is expecting to start the site redevelopment in the fall of 2005.

As always, if you have any questions or require additional information, please don't hesitate to call.