



**SUPPLEMENTAL REMEDIAL INVESTIGATION
/HISTORIC REMEDIAL ACTION REPORT**

ABC Barrel Company Site - 308 to 322 North Front Street

Block 62, Lots 38 and 45

City of Camden, Camden County, New Jersey

NJDEP SRP PI#006594

Prepared for:

CAMDEN REDEVELOPMENT AGENCY

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July 2010

CERTIFICATIONS
N.J.A.C. 7:26-1.2 et. seq.

Any person making a submission to the Department required by this chapter and pursuant to N.J.A.C. 7:26E, shall include the following signature and notarized certification, for each technical submittal. Additionally, the certification shall indicate the case name and address, case number, type of documents submitted. e.g. Remedial Action Report, for each technical submittal.

TYPE OF DOCUMENT Supplemental Remedial Investigation/Historic Remedial Action Report

CASE NAME ABC Barrel Company Site
CASE ADDRESS 308-322 North Front Street
City of Camden, Camden County, New Jersey
CASE NUMBER SRP PI#006594

The following certification shall be signed by:

1. For a corporation by a principal executive officer of at least the level of vice president;
2. For a partnership or sole proprietorship, by a general partner of the proprietor, respectively, or;
3. For a municipality, State, Federal or other public agency, by either a principal executive officer or ranking elected official.
4. For persons other than 1 through 3 above, by the person with legal responsibility for the site.

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

PRINTED NAME James T. Harveson **TITLE** Director of Economic Development
SIGNATURE [Signature] **DATE** 7-09-10
NOTARY SIGNATURE [Signature] **DATE** 7/9/10

CANDICE JEFFERSON
Notary Public of New Jersey
Commission Expires 7/28/2010

Sworn to and subscribed
before me this 9th
day of July, 2010

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EXECUTIVE SUMMARY

DRESDNER ROBIN was retained by the Camden Redevelopment Agency (CRA) in September 2008 to conduct a groundwater remedial investigation and prepare a Remedial Investigation/Remedial Action Report (RI/RAR) for the ABC Barrel Company Site (a.k.a. AABCO Steel Drum Site). The Site is located at 308 to 322 North Front Street in the City of Camden, Camden County, New Jersey (**Figure 1**). The Site is being remediated as New Jersey Department of Environmental Protection (NJDEP) SRP PI# 006594.

This RAR documents the historic remedial activities completed for the ABC Barrel Company Site (“the Site”) during the period generally from February 2005 through March 2006. It should be emphasized that the historical information as contained herein was based primarily on the available information provided by CRA and their previous consultants, as well as information obtained by DRESDNER ROBIN through an Open Public Records File Review (OPRA) of the Site conducted in October 2008. This RAR also documents the groundwater remedial investigation and related activities completed by DRESDNER ROBIN during the period 2007 through 2009.

The specific objective of the RI/RAR is to satisfy the requirements of NJDEP’s Correspondence dated August 24, 2006, which commented on a Remedial Investigation Report (RIR) for the Site, prepared by Remington and Vernick, Inc. (Remington and Vernick), dated October 7, 2002. The work activities that were completed were: 1) historic remedial investigation/remedial action reporting for eleven (11) Areas of Concern (AOCs) previously identified at the Site; 2) completion of a groundwater remedial investigation for AOC-B1, a former 8,000-Gal. Diesel UST and Piping System; and 3) selection of a remedial action to address site-wide “historic fill materials”. Ultimately, the goal of the RI/RAR is to assist CRA in obtaining a No Further Action (NFA) for soil for each AOC, a No Further Action for groundwater, and to address site-wide historic fill materials prior to site redevelopment.

In February 2005, CRA initiated site development activities by removing the existing building foundations and slabs for Buildings No. 1, 2 and 3 (**Figure 3**). At that time, the registered 8,000-Gal Diesel UST and Piping designated as AOC-B1 located adjacent to Building No. 2 was excavated and removed by ENVision, Inc. (ENVision), in accordance with the requirement of the UST Regulations and N.J.A.C. 7:26E, the *Technical Requirements for Site Remediation*. The excavated contaminated materials were temporarily stockpiled on-site for later removal by CRA. Details of the regulated UST removal activities for AOC-B1 were reported by ENVision in a February 10, 2006 *Site Investigation Report*. The nature of the material used to backfill the excavation was not reported, however, based upon recent site investigation activities completed by DRESDNER ROBIN, it appears that the backfill was composed of non-petroleum contaminated historic fill materials derived from the site.

Based upon DRESDNER ROBIN’s review of the file correspondence by EHS Environmental, Inc. (EHS) dated November 7, 2005, removal and disposal activities had

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also been completed for two (2) additional USTs presumably during the February 2005 activities. These USTs were apparently the unregulated 1,000-Gal. Heating Oil UST designated in previous site reports as AOC-B2; and the unregulated 1,000-Gal Liquid Waste Oil UST designated as AOC-B3. More specific information pertaining to the removal and disposal of these AOCs was not available.

Based upon a review of file correspondence from EHS, other AOCs ('hot spots') were also excavated and removed by CRA's contractor presumably during the February 2005 activities. These AOCs apparently included: AOC-C1 through C5- a drum rinsing area inside Building No. 1; AOC-C6- a concrete pit area inside Building No. 2; AOC-O- a floor drain, trench, and piping south and west of Building No. 1; and AOC-G- an oil-water separator adjacent to the south side of Building No. 1. The information reviewed indicated that materials removed during excavations for the building slabs was used to backfill the open excavations. The excavated materials were temporarily stockpiled on-site for later removal by CRA.

In March 2006, following completion of the initial removal of AOC-B1, AOC-B2, AOC-B3, and the other AOCs, additional soil remedial actions were completed by React Environmental Professional Services Group (REPSG) for AOC-O, AOC-C1-C5, AOC-C6, AOC-B1, AOC-B3, and AOC-G. Based upon a review of the available information, these remedial activities consisted of the excavation, post-excavation sampling, and disposal of contaminated materials from the excavations, which were designated by REPSG as AOC-001 through AOC-006 (**Figure 7**). The limits and depths of the excavation areas were initially based on the dimensions of the contaminated areas as reported by Remington & Vernick in their October 2002 RI Report (**Appendix D**). It was reported by EHS that a total of 1300 cy of contaminated soils were removed from the excavations (**Appendix G**).

According to the waste disposal documentation provided, the contaminated soils stockpiled during the initial activities for AOC-B1, B2, and B3 were removed from the Site on March 3, 2006. Contaminated soils excavated and stockpiled on-site during the March 2006 soil remedial actions by REPSG were removed on March 30 and 31, 2006. Based upon waste disposal manifest and other information, the stockpiled soils were disposed of as "Non-Regulated Petroleum Contaminated Soil" at Soil Safe's NJDEP-Permitted "Class B Recycling Center" Facility, located at 378 Route 130, in Bridgeport, Logan County, New Jersey. A review of the waste manifests and subcontractor invoices indicated that a total 1,823.08 tons of contaminated soil was removed from the Site.

The results of the March 2006 post-excavation sampling indicated that chlorinated volatile organic compound tetrachloroethylene (PCE) was present in one sample collected from AOC-G (floor drain/trench/piping area) that exceeded the NJ Soil Cleanup Criteria (SCC). In addition, metals (lead and antimony) were also detected in six of the samples from AOC-G exceeding the SCC. Based upon these sampling results, further delineation sampling and removal of PCE-impacted soil is warranted for AOC-G prior to redevelopment at the Site. Based upon the post-excavation sampling results, the

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proposed additional excavation activities for AOC-G are expected to be limited and could be conducted during and in coordination with the site redevelopment.

Review of available information indicated that post-excavation sampling was not conducted for AOC-B2 (Former 1,000-Gal. Fuel Oil UST) following removal in February 2005 or during the March 2006 remedial activities. Therefore, pursuant to NJDEP's requirements as stated in their August 2006 correspondence, further remedial actions are warranted for AOC-B2 to determine if soils beneath the former UST had been impacted. The proposed additional remedial activities for AOC-B2 are expected to be limited and could also be conducted during the site redevelopment phase.

To comply with NJDEP's August 2006 Correspondence, on September 9, 2007, DRESDNER ROBIN conducted a groundwater screening investigation in the vicinity of AOC-B1, the former 8,000-Gal Diesel UST and Piping System (**Figure 3**). The results of the screening sample collected indicated that concentrations of several individual Base Neutral (BN) compounds [polynuclear aromatic hydrocarbons (PAHs)] and total tentatively identified compounds (TICS) including volatile organic (VO) and base neutral (BN) TICS were present exceeding the NJDEP Groundwater Quality Criteria (GWQC).

Based upon the results the groundwater screening, a supplemental groundwater investigation was completed in the vicinity of AOC-B1. The supplemental groundwater investigation included the installation of monitoring well MW-4 adjacent to the screening location; the collection and analysis of one (1) initial groundwater sample from MW-4 on October 21, 2008 and one (1) confirmation sample on December 15, 2008 (using the low-flow purging and sampling method); the reconstruction of existing monitoring wells MW-1 through MW-3; and site-wide groundwater monitoring.

The results of the initial and confirmation groundwater samples collected from monitoring well MW-4 indicated that volatile and semi-volatile organic compounds were not present at concentrations exceeding the GWQC. The details and results of the groundwater remedial investigation for AOC-B1 were reported to NJDEP in a *Groundwater Remedial Investigation Letter Report*, prepared by DRESDNER ROBIN, dated March 4, 2009. Based upon the results of the groundwater investigation, the RI Letter Report recommended a No Further Action for groundwater at the Site.

In a February 1, 2010 correspondence (**Appendix A**), NJDEP approved the March 2009 RI Letter Report. Based upon the February 2010 correspondence and information presented in this RI/RAR, CRA hereby requests that a site-wide No Further Action for groundwater be granted for the ABC Barrel Company Site prior to the finalizing the site redevelopment plans.

In October 2008, in coordination with the supplemental groundwater investigation activities conducted by DRESDNER ROBIN, restoration activities were completed at the site by CRA's contractor. The site restoration activities included removal of all excess construction materials and debris from the ground surface; site grading; and placement of

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a minimum six-inches of topsoil, with seeding and stabilization matting over the entire site (**Appendix J**). The purpose of the temporary cap was to eliminate the potential for erosion of contaminated materials (i.e. historic fill materials) and to eliminate potential exposure of the public by direct contact and/or through airborne particulate contamination prior to further remedial activities and site redevelopment.

In an April 6, 2006 correspondence, NJDEP did not require further remedial actions for the former 8,000-Gal. Diesel UST and Piping System (AOC-B1). Furthermore, the March 2006 follow-up remedial activities conducted by REPSG for AOC-B1 resulted in the removal of an additional 667 cy of soil, and the results of post- excavation samples collected beneath and along the sidewalls of the excavation indicated that concentrations of TPH and VOCs were below the SCC. Therefore, pursuant to N.J.A.C. 7:26E-6.1, remedial actions have been completed for AOC-B1 and a No Further Action for soil at this AOC is proposed at this time.

As reported by REPSG, in March 2006, remedial actions were completed for AOC-B3 (former 1,000-Gal. Liquid Waste UST); AOC-C1 to C5 (former Caustic Wash/Drum Rinsing/Pit Area); AOC-C6 (former Concrete Pit Area inside Building No. 2); and AOC-O (former Oil Water Separator adjacent to Building No. 1). It was reported that a total of 386 cy of additional soil was removed and properly disposed. The results of post excavation samples collected from beneath and along the sidewalls of the excavations indicated that contaminant concentrations were below the SCC. Therefore, pursuant to N.J.A.C. 7:26E-6.1, remedial actions have been completed AOC-B3, CI-C5, C6, and AOC-O and a No Further Action for soil at these AOCs is proposed at this time.

To comply with requirements of NJDEP's August 24, 2005 correspondence, CRA proposes to address site-wide historic fill (including historic fill remaining within the vicinity of the AOCs) by implementing a Deed Notice and placing a cap over the contaminated materials in accordance with NJDEP requirements. A draft Deed Notice will be submitted to NJDEP for review and approval prior to filing with the county.

A Remedial Action Workplan (RAW) will be prepared for the ABC Barrel Company Site pursuant to the requirements of N.J.A.C. 7:26E-6.2. The RAW will detail the remedial approach for redevelopment of the Site. It is anticipated that the remedial approach will include a restricted use remedy for soils and would incorporate the use of Engineering and Institutional Controls that are consistent with the final site redevelopment plans.

In summary, the following remedial activities are warranted for the ABC Barrel Site at this time:

- 1) AOC-G: delineation soil sampling and removal of PCE-impacted soil
- 2) AOC-B2: investigation of possible impacts beneath the 1,000-Gal. Fuel Oil UST
- 3) RAW: preparation of a Remedial Action Workplan for the ABC Barrel Site

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1.0 INTRODUCTION

At the request of the Camden Redevelopment Agency (CRA), DRESDNER ROBIN has prepared this Supplemental Remedial Investigation/Historic Remedial Action Report (RI/RAR) for the ABC Barrel Company Site (a.k.a. AABCO Steel Drum Site), located at 308-322 North Front Street in Camden, Camden County, New Jersey. The Site is currently owned by CRA and is designated as Tax Map parcel Block 62, Lots 38 and 45. The location of the ABC Barrel Company Site (the Site) is shown on the Regional Site Location Map in **Figure 1**. A recent aerial photograph of the Site is provided as **Figure 2**.

The site is being investigated pursuant to a *Memorandum of Agreement* with the New Jersey Department of Environmental Protection (NJDEP) under Case #95-9-14-12-6-53. Prior to 2007, the City of Camden has, through several consultants and contractors, completed previous work activities at the Site including: 1) A Preliminary Assessment (PA); 2) A Site Investigation (SI); 3) A Remedial Investigation (RI); 4) Removal of an 8,000-Gallon Diesel Fuel UST and Piping (AOC-B1); and 5) historic remedial actions related to specific Areas of Concern (AOCs) identified during previous investigations of the Site. The locations of the AOCs and their descriptions are presented on the Site Plan in **Figure 3**.

In a correspondence dated August 24, 2006, NJDEP's Case Manager conducted a review of the project files and commented on the *Remedial Investigation Report* (RIR) prepared by Remington and Vernick, dated October 2002. The NJDEP correspondence provided specific comments for each AOC identified at the Site. Although No Further Actions were requested for AOC-A1, A2, F, H, J, L, N, P2, Q, and R, to obtain a No Further Action for soil and groundwater, NJDEP required the following actions: 1) additional remedial investigation/remedial action reporting for AOC-B2, B3, C1 through C5, C6, D1 and D2, E, M, G, O and P1; 2) completion of a groundwater investigation for AOC-B3 (the 8,000-Gal. Diesel UST and Piping System); and 3) selection of a remedy to address site-wide "historic fill materials". The August 2006 NJDEP Comment Letter is provided in **Appendix A**.

DRESDNER ROBIN's scope of work for the project has been conducted in accordance with several proposals submitted to CRA, which were approved by NJDEP and funded through the Hazardous Discharge Sire Remediation Fund (HDSRF). These proposals are as follows:

- Initial Proposal dated September 19, 2006- for a groundwater investigation of AOC-B1 and preparation of a Site Investigation/Remedial Action Report (approved by NJDEP and funded through the HDSRF program in the amount of \$19,047);

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- Proposal dated October 18, 2007- prepared at the request of CRA based upon discussions held at the October 17, 2007 project meeting [this work was not funded and was put on hold pending further discussions with the Coopers Grant Neighborhood Association (CGNA)];
- Proposal dated February 28, 2008- entitled “Proposal for Groundwater Remedial Investigation/Remedial Action Workplan - ABC Barrel Company Site”, prepared at the request of CRA and CGNA to address groundwater contamination related to the former 8,000 gallon diesel fuel UST (AOC-B1), and to support the remedial option of removing historic fill from all proposed residential lots (not funded pending comment and approval by NJDEP); and
- Revised proposal dated July 10, 2008- prepared at the request of CRA to address NJDEP’s comments in an E-mail dated June 27, 2008, regarding the February 28, 2008 Proposal for a Remedial Investigation/Remedial Action Workplan (approved by NJDEP and funded through the HDSRF program in the final amount of \$74,023).

A copy of NJDEP’s June 8, 2007 Correspondence approving the additional HDSRF funding for the September 2006 Proposal is provided in **Attachment A**. Also provided in **Appendix A** is the August 11, 2008 NJDEP Correspondence approving the revised July 10, 2008 Proposal funded by the Office of Brownfield Reuse.

The format and content of this report was prepared in accordance with the requirements of N.J.A.C. 7:26E-4.8 (Remedial Investigation Report). Section 2 of this report presents the project Background; Section 3 the Physical Setting; Section 4 the Site Investigation/Remedial Investigation Summary; Section 5 a Description of Historic Remedial Action Activities – 2005 to 2006; Section 6 the Supplemental Remedial Investigation Activities 2007 through 2009; Section 7 a Description of Site Restoration Activities; Section 8 the Remedial Action Costs; and Section 9 the Findings and Recommendations.

2.0 BACKGROUND

2.1 OBJECTIVE AND SCOPE

The objective of the remedial investigation/remedial action reporting and groundwater investigation for AOC-B2 are as follows:

- 1) To satisfy the specific requirements of NJDEP’s Remedial Investigation (RI) Comment Letter, dated August 24, 2006;
- 2) To document the historic remedial activities completed for the Site AOCs;

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- 3) To address site-wide historic fill materials and associated contamination in the vicinity of several of the AOCs;
- 4) To characterize and delineate groundwater contamination as may be associated with AOC-B1, the former 8,000-Gal Diesel UST and Piping; and
- 5) To assist in obtaining a No Further Action (NFA) for soil impacted by the above AOCs, and for site-wide groundwater.

In support of the above goals, DRESDNER ROBIN has completed the following scope of work:

- An OPRA File Review of the Site;
- A Groundwater Remedial Investigation for AOC-B1;
- Remedial investigation/historic remedial action reporting for AOC-B2, B3, C1 through C5, C6, D1 and D2, E, M, G, O and P1; and
- Evaluation of remedial options to address site-wide “historic fill materials”.

2.2 RECENT SITE HISTORY/SITE DESCRIPTION

The ABC Barrel Company Site (a.k.a. AABCO Steel Drum Site) is located just south of the Ben Franklin Bridge at 308-322 North Front Street in the City of Camden, Camden County, New Jersey. The Site consists of an approximate 1.0 acre irregular-shaped rectangular parcel located between North 2nd Street and North Front Street just north of Penn Street. The approximate northern half of the Site is designated at Tax Map Block 62 Lot 48 while the southern half of the site is designated as Block 62 Lot 38 (**Figure 2**). The site is currently vacant.

The subject site is bordered on the north by attached houses (row homes) and partially to the south by row homes and newer townhomes (recently constructed on Block 62 Lots 21, 22, and 23). A paved driveway was constructed in 2008 adjacent to the south side of Block 62 Lot 38 (partially within the former Centennial Avenue ROW) for access to the north side of the townhomes. A small portion of the subject property extends to the south between the row homes and townhomes that connects to Penn Street.

Based upon information from previous reports, historic activities at the site occurred on both Lots 38 and 45, where buildings were present in various configurations. The locations of the former buildings at the Site (Buildings No. 1, No. 2, and No. 3) are shown on the site Plan in **Figure 3**. An EPA Fact Sheet for the Site indicated that the building structures on-site were demolished following completion of USEPA removal actions at the Site in July 2000.

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In February 2005 CRA initiated site development activities by removing the existing building foundations and slabs (former Buildings No. 1 and 2). At that time, the registered 8,000-Gal Diesel UST and Piping designated as AOC-B1 was excavated and removed by EHS, apparently along with two (2) 1,000-Gal. Heating Oil USTs (AOC-B2 and AOC-B3). Available site information indicated that three AOCs (presumably AOC-C, AOC-G, and AOC-O) were also removed. Based upon information in a correspondence prepared by EHS, materials removed during excavation for the building slabs apparently were used to backfill in the open excavations.

In October 2007, the remaining construction debris was removed from the Site and the land surface graded. A 6-inch thick layer of topsoil and seeding was placed over the entire site as temporary cover prior to the site redevelopment. CRA's and CGNA's are currently evaluating development options for the Site which is expected to include private residences and a public park area.

2.3 HISTORIC SITE USAGE

According to information provided in the PA and the RI Report for the ABC Barrel Company Site (AABCO Steel Drum, Inc.), since 1885, the Site has been used for industrial and manufacturing purposes. Since about the 1960's, the AABCO Steel Drum facility operated at the site. Prior to November 1987, the AABCO Steel Drum facility operations consisted of the reconditioning of steel drums by cleaning and painting open-ended drums, which was reportedly performed indoors. In 1987, the AABCO changed its name to Container Recyclers after which time the site was reportedly used to store clean drums.

During the drum cleaning operations, the facility reportedly only accepted drums that could be cleaned using a caustic soda process. Hazardous wastes were generated at the facility included residual oil and rinse water from the drum washing process. Residual oil was initially collected in waste drums and later in a waste oil tank. It was reported that the waste oil was removed from the facility within 90 days by a licensed hazardous waste hauler. Wastes consisting of paint and solvent were also likely to have been generated during the drum painting process but documentation was not available to confirm this waste stream.

The caustic soda rinse was reportedly pretreated than passed through an oil-water separator where sludge and oils were separated out. The remaining fluids were discharged to the sanitary sewer via a CCMUA discharge permit, although it was reported that the effluent consistently failed to meet the permit requirements.

2.4 PREVIOUS SITE/REMEDIAL INVESTIGATIONS

2.4.1 *Overview*

Between 1996 and 2006, various investigations were conducted on behalf of the CRA for the ABC Barrel Company (Case #95-09-14-1206-53). The investigations included a

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Preliminary Assessment/Site Investigation (PA/SI), a Site Investigation (SI), a Remedial Investigation (RI) and a Site Investigation for Removal of an 8,000-Gal. Diesel UST and Piping. The results of these investigations were reported in the following documents:

1. Preliminary Assessment Report for the City of Camden, AABCO Steel Drum Incorporated, Block 62 Lots 38 and 45; Block 65 Lot 103, Camden City, Camden County, Remington & Vernick Engineers, December 1996;
2. Site Investigation Report for the City of Camden, AABCO Steel Drum Incorporated, Block 62 Lots 38 and 42; Block 65 Lot 103, Camden City, Camden County, Remington & Vernick Engineers, April 1999;
3. Remedial Investigation Report – AABCO Steel Drum, Inc., 308 to 322 North Front Street and 320 North 2nd Street, City of Camden Block 62 Lots 38 & 45; Block 65 Lot 103; Remington & Vernick Engineers, October 2002; and
4. Site Investigation Report (for 8,000-Gal. Diesel UST and Piping)- Cooper Grant Developers, LLC, 308-322 N. Front Street, Camden City, Camden County, New Jersey, ENVision, Inc., February 2006

In addition to the above, during July 2000, the US Environmental Protection Agency (EPA) conducted remedial activities at the “Container Recyclers Site” located at 308-322 North Front Street (AABCO Steel Drum, Inc. Site). According to USEPA documentation, the remedial actions were considered a “CERCLA Removal Action” through the EPA Brownfields Program.

A summary of the work activities and the results of the investigations as described above documents are presented in the following sections.

2.4.2 Preliminary Assessment

In 1996, on behalf of the City of Camden, Remington and Vernick Engineers (Remington & Vernick) conducted a preliminary assessment for the AABCO Steel Drum Inc. property. The PA was conducted in accordance with N.J.A.C. 7:26E-3.1 through 3.2 of the *Technical Requirements for Site Remediation* and the guidelines contained in *ASTM Standards on Environmental Site Assessments for Commercial Real Estate*. The information presented in the PA was obtained by contacting the applicable state, county/city, and federal government agencies; by using private information services; by review of historic aerial photography, titles and deeds, directories, and Sanborn maps; and by conducting site inspections and owner interviews.

Based upon assessment of the information obtained from the above sources, Remington and Vernick identified nineteen (19) areas of concern within the facility (AOC-A through AOC-S plus historic fill materials) which had reports of confirmed or suspected contamination or which may have discharged contamination at the Site. In the PA report, sampling activities were proposed for fifteen (15) of the AOCs and a groundwater

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investigation was recommended if evidence of contamination was identified during the proposed sampling. **Figure 3** of this report lists and described the AOCs and shows their locations at the facility based upon the information provided in the PA report.

2.4.3 Site Investigation

In 1999, Remington and Vernick Engineers (Remington & Vernick), on behalf of the City of Camden, conducted a site investigation for the AABCO Steel Drum Inc. property. The SI was conducted in accordance with N.J.A.C. 7:26E-3.3 through 3.12 of the *Technical Requirements for Site Remediation*. The scope of work of the SI was based upon the recommendations provided in the PA Report as described above.

The results of the Site Investigation performed by Remington & Vernick for each AOC are summarized in Section 4 of this report.

2.4.4 USEPA Removal of Drummed Waste/Excavated Soil

As described in the Remington and Vernick RIR, during July 2000, the USEPA conducted remedial activities at the ABBCO Steel Drum, Inc. Site under a CERCLA Removal Action through EPA's Brownfields Program. A copy of the USEPA documentation detailing the removal activities at the Site is provided in **Appendix B**.

A review of the USEPA Report indicated that the scope of work of the remedial activities conducted at the Site included:

- Excavation and Off-site Disposal of lead contaminated soil
- Removal and off-site disposal of stored drums and containers
- The removal and disposal of the contents of onsite USTs

The USEPA Report indicated that on July 18, 2000, EPA personnel conducted an XRF screening event followed by the collection of eight (8) post excavation floor and wall soil samples in the courtyard/parking lot area of the Site. The results of the sampling confirmed the presence of lead at concentrations up to 7,900 parts per million (ppm) in the soils. Consequently, upon authorization of CERCLA funding, soil remedial actions were initiated by EPA on June 29, 2000.

The reported soil remedial actions consisted of the excavation of 750 tons of surface soil from the courtyard between Buildings No. 1 and 2. The soils were excavated from the interval 0 to 2 feet below grade and contained greater than 400 ppm of lead. The excavated soil was classified for disposal as "non-hazardous lead-contaminated soil".

In addition, it was reported that all stored drums and their contents were removed and disposed off-site. During these actions, the following volumes of materials were removed: 1) twenty (20) cubic yards of non-hazardous empty drums; 2) sixty (60) gallons of drummed hazardous waste; and 3) seventy (75) gallons of drummed non-hazardous waste. Available documentation for the Site indicated that during the USEPA response

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actions, free product was removed from two of the three USTs found at the Site. The free product was disposed off-site.

Following completion of the removal actions on September 22, 2000, the USEPA report indicated that the on-site buildings were demolished by the City of Camden in preparation of future site development. The EPA report indicated that the removal actions were completed and that no further removal actions were anticipated for the Site.

2.4.5 Remedial Investigation

During the period from June through August 2001, Remington and Vernick conducted a remedial investigation at the ABC Barrel Site under an HDSRF Grant to delineate the soil contamination identified during the SI. During the RI, the following AOCs were investigated:

- AOC-B1: 8,000-Gal. Diesel UST
- AOC-B3: 1,000-Gallon Waste Oil UST
- AOC-C1-C5: Building No. 1 Concrete Pit/Drum Rinsing Area
- AOC-C6: Building No. 2 Concrete Pit
- AOC-D1: Loading Area No.1 (northeast side Bldg. No. 1)
- AOC-D2: Loading Area No. 2 (southwest side Bldg. No. 1)
- AOC-E&J: Drum Storage Area/Yard Area
- AOC-G: Floor Drain/Piping/Trench Area (Bldg. No. 1)
- AOC-P1: Elevator Shaft (southwest west side Bldg. No. 1)
- AOC-O: Oil Water Separator

In addition to the above AOCs, four (4) borings were conducted, one near each corner of the Site, to further investigate the nature and extent of “historic fill materials” that were identified at several locations at the Site. A groundwater investigation was also conducted during the RI to characterize potential contamination in the vicinity of AOC-E & J and AOC-O.

The RI was conducted pursuant to NJDEP's SI Comment Letter, dated July 27, 1999, and in accordance with the scope of work detailed in the “Remedial Investigation Work Plan” prepared by Remington and Vernick, dated March 22, 2001. The RAWP was approved by NJDEP in a correspondence dated May 11, 2001. The results of the RI were presented by Remington and Vernick in a 2002 RI Report.

In a November 19, 2002, correspondence, the NJDEP commented on the RI Report and requested that Remington and Vernick conduct additional work including removal of product from the USTs (AOC-B1/B2/B3); collection of additional samples (AOC-A) to vertically delineate TPHC contamination; collection of additional samples from beneath the tanks if they contain free product; and collection of a groundwater sample. In addition, NJDEP requested a sampling results table for all AOCs and post-excavation sampling results provided by USEPA after their removal action.

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A summary of the remedial investigation results for each of the above AOCs is presented in Section 4.

2.4.6 8,000 Gal. Diesel UST Removal (Feb. 2005)

In February 2005, EHS Environmental, Inc. (EHS) on behalf of Cooper Grant Developers, LLC, conducted oversight of removal of 1-8,000-Gal. registered Diesel UST (AOC-B1) at the Site. During the removal activities, ENVision, Inc. (ENVision) evaluated subsurface conditions and collected post-excavation sampling in support of the UST removal (NJDEP Subsurface Evaluator Certification #US00328). The work activities were conducted under NJDEP UST Closure Permit TMS#C04-3544. The results of the UST removal and associated site investigation were reported by EHS in the February 2006 *Site Investigation Report* as discussed above.

Based upon information provided in the SI Report, the UST removal/investigation activities for AOC-B1 were conducted on February 2, 3 and 4, 2005. Terra Environmental Contractors (NJDEP Cert. # US00704) performed the decommissioning of the UST and EHS conducted the environmental oversight and sampling activities. During the UST removal, no holes were observed in the tank and it was reported that approximately 150 gallons of fluids were pumped from the tank and properly disposed off-site. Documentation pertaining to the UST removal and waste disposal was provided in the February 2006 SI Report.

After removing the UST from the excavation, physical inspection and headspace testing of soil samples with a photoionization detection meter (PID) revealed odors and elevated levels of volatile vapors in the soils surrounding the tank [headspace readings from 21.8 to 159 parts per million (ppm)]. Based upon this evidence and the condition of the tank when it was removed, it was concluded that the contamination was most likely the result of the accumulation of impacts from overfills and spills during fuel transfers.

A total of five (5) post-excavation soil samples and one duplicate sample were collected from the bottom of the UST excavation (using an excavator bucket) and submitted to EMSL Laboratories for analysis of total petroleum hydrocarbons (TPHC) by Method 418.1 and VOC+10 (preserved in accordance with Method 5035). The results the post-excavation soil sample analysis indicated that no targeted compounds were present in excess of the NJDEP Soil Cleanup Criteria at the time of the sampling.

Soils excavated during the closure activities were stockpiled on-site for later removal by the owner (Section 5.5.4). Documentation was not provided in the SI Report pertaining to the fill material used to backfill the UST excavation. The NJDEP UST Closure Plan Approval, the UST/Soil Sample Location Plan, and the Soil Sample Analytical Data Summary as provided in the SI Report are presented in **Appendix C**.

In a April 6, 2006 Correspondence, NJDEP stated that additional soil remedial actions for AOC-B1 were not required. However, NJDEP requested that the electronic data disk for the post-excavation samples be submitted as well as information pertaining to the

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removal of the stockpiles soils. With regards to groundwater, NJDEP requested that information be submitted to determine if groundwater was encountered or if groundwater was impacted by the former UST activities. NJDEP's comment letter and available related documentation is provided in **Appendix A**.

2.5 AOCs REQUIRING FURTHER REMEDIAL ACTIONS

In the Preliminary Assessment (PA) for the AABCO Steel Drum Incorporated Site (ABC Barrel Company Site), twenty (20) AOC's were identified. These AOCs were investigated during site/remedial investigations and remedial actions conducted by Remington & Vernick Engineers and others as discussed above.

Based upon review of NJDEP's August 24, 2006 comment letter (**Appendix A**), NJDEP did not require further remedial actions for the following AOCs:

- AOC-A1 Above Ground Waste Oil Tank
- AOC-A2 Above Ground Treatment Tank
- AOC-F Chemical Storage Cabinets/Closets
- AOC-H Roof Headers
- AOC-I Underground Piping
- AOC-J Spill Area
- AOC-L Boiler Room
- AOC-N Paint Booth
- AOC-P2 Elevator Pit
- AOC-Q Lead Based Paint
- AOC-R Asbestos Containing Material

However, to obtain a NFA letter for the Site, the NJDEP required further remedial activities for the following AOC's:

- AOC-B1 8,000-Gallon Diesel UST and Associated Piping
- AOC-B2 1,000-Gallon Fuel Oil UST and Associated Piping
- AOC-B3 1,000-Gallon Liquid Waste UST
- AOC-C1/C6 Caustic Wash/Drum Rinse/Concrete Pit Areas
- AOC D/K Loading/Off-loading Areas
- AOC E/M Drum Storage Yard Areas
- AOC-G Floor Drain/Trench/Piping
- AOC-I Underground Piping
- AOC-O Oil Water Separator
- AOC-P1 Elevator Pit (Southwest Corner Bldg. No. 1)

Based upon NJDEP's August 24, 2006 correspondence, the required remedial activities included: 1) a groundwater investigation for AOC-B1; and 2) additional remedial investigation/remedial action reporting for the above AOCs. In addition, if excavation and disposal is not selected as the remedial strategy for site development, Institutional

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and Engineering Controls would be required to address “historic fill materials” found beneath the entire Site. **Table 2** presents a detailed description all of AOC’s at the Site including: contaminants of concern, contaminant delineations and active remediation completed, NJDEP’s requirements, and the historic remedial actions detailed in this report by DRESDNER ROBIN.

3.0 PHYSICAL SETTING

3.1 LAND USE

Based upon NJDEP’s Geographic Information System (GIS) database updated in 2002, the subject Site is classified as ‘Miscellaneous Built Land’, as shown on **Figure 5** - Generalized Land Use Map. Land use north of the Site along Linden Street and west/southwest of the Site along Front Street and Penn Street is classified as residential usage. Outward from these residential areas land use is classified as commercial or recreational. Land use adjacent to the southeast corner of the site is classified as commercial usage, however, subsequent to 2002, new row houses and a paved driveway have been constructed adjacent to this area of the Site.

3.2 REGIONAL AND SITE GEOLOGY

The subject Site is located in the inner part of the Coastal Plain Physiographic Province in southern New Jersey. The Site is located on a former floodplain approximately 1500 feet east of the Delaware River. According to the USGS 7.5-Minute Topographic Maps of the study area [Camden, NJ-PA Revised 1994, and Philadelphia, PA-NJ Photorevised 1995], ground surface in the vicinity of the Site is flat with ground surface elevations of less than twenty (20) feet above Mean Sea Level (MSL).

Based upon the US Geological Survey *Bedrock Geology Map of Central and Southern, New Jersey*, the subject site is underlain by the unconsolidated Lower Cretaceous Age Potomac Formation (Map Unit Kp3). The Potomac Formation in this area is composed of predominantly mottled red, white, and orange-brown clay to clay-silt, interbedded with thin beds and lenses fine to medium grained micaceous sand.

According to the New Jersey Geologic Survey’s *Periglacial Features of Southern New Jersey*, published October, 2003, surficial deposits underlying the study area consist of Pleistocene Age marine-estuarine terrace deposits (Cape May Formation). These deposits are ringed by recent estuarine/marsh deposit associated with the Delaware River and adjoining estuary channels. The Cape May Formation is composed of quartz sand and pebble gravel and is less than 40 feet thick.

Natural and man-made fill materials are widespread in the project area. These materials include ‘historic fill’ which was placed over natural deposits during historic development of the area. The result of historic fill investigations conducted at the Site indicated that

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historic materials and associated contamination were present down to a depth of approximately 12 feet below ground surface (bgs) across most of the Site.

Subsurface materials encountered during the supplemental groundwater remedial investigation conducted by DRESDNER ROBIN in the vicinity of the former 10,000-Gal. Diesel UST (AOC-B1) were described in soil boring logs as follows:

- 1) 0 to 6 feet- orange to red brown medium to fine sand and silt with little to some pieces of brick, concrete and miscellaneous debris, and gravel;
- 2) 4 to 17 feet- dark gray medium to fine and coarse to fine sand, with little to some silt and gravel, and a trace of miscellaneous debris.

The miscellaneous debris observed down to approximately 17 feet in depth during the supplemental remedial investigation activities appears to indicate that the historic site activities impacted the natural materials below the historic fill layer. During the collection of groundwater screening sample GW-1 associated with AOC-B1, natural materials were encountered at 17 feet that consisted of yellow-brown medium to fine sand with little silt and trace of quartz gravel.

3.3 REGIONAL AND SITE HYDROGEOLOGY

Based upon the regional hydrogeologic setting and evaluation of Site data, a shallow unconsolidated aquifer is present underlying the study area. The Delaware River is a major discharge zone in the study area. Based upon the Site location, groundwater at the Site is expected to generally flow to the west towards the Delaware River. This is confirmed by historic and more recent groundwater contour maps prepared for the Site which shows groundwater flow varying from northwesterly to southwesterly at the Site.

Due to the distance of the Site to the Delaware River, groundwater levels are not expected to be significantly influenced by tidal flow in the Delaware River channel. It should be noted, however, that local groundwater flow conditions may vary from the regional flow due to hydraulic control from features such as buried utility trenches, old channels, or from local/regional groundwater pumping or recharge.

During the supplemental investigations, depth to groundwater in the Site monitoring wells varied from approximately 9 feet to 12 feet below ground surface. Groundwater quality in the study area is expected to be generally poor due to widespread impacts from historic fill materials as well as from more localized point sources of contamination.

3.4 SURFACE WATER AND WETLANDS

As discussed above, the nearest body of surface water is the Delaware River located approximately 1500 feet west of the Site. A search of the NJDEP GIS database for surface water bodies and wetlands indicates that two small isolated wetland areas are located within the county park located adjacent to the Delaware River. No other surface

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water bodies or wetland areas are located in the vicinity of Site. **Figure 6** presents the NJDEP data set for surface water bodies and wetlands in the vicinity of the Site.

3.5 BASELINE ECOLOGICAL EVALUATION

In the RI Report prepared by Remington and Vernick, it was reported that environmentally sensitive areas were not identified within the Site boundaries or on any properties immediately adjacent to the Site. Furthermore, it was reported that although site contamination exists, there were no potential contaminant pathways at the Site at the time of the investigation. Based upon the reported historical data and assessment of the current Site conditions by DRESDNER ROBIN, further ecological investigations are not warranted for the Site.

3.6 PUBLIC WATER SUPPLY

A NJDEP well search was conducted by Remington and Vernick on June 18, 2001, to identify domestic wells within a ½-half mile radius from the Site, and irrigation and public wells within a 1-mile radius of the Site. As documented in the RIR, five (5) non-potable domestic wells and six (6) public wells were identified.

In 2009, DRESDNER ROBIN conducted a NJDEP GIS database search for Public Supply Wells to determine if any supply wells are located within approximately 2000 feet of the Site boundary. As shown in **Figure 4**, no public supply wells were identified. Public water in the City of Camden is supplied by United Water Company.

3.7 OPEN PUBLIC RECORDS FILE REVIEW -OCTOBER 2008

At the request of CRA, on October 7, 2008, DRESDNER ROBIN conducted an Open Public Records File Review (OPRA) at NJDEP's Trenton offices for the ABC Barrel Company Site. The purpose of the file review was to obtain specific historic information for the Site that could help in preparing the Historical Remedial Action Report. During the file search the following project documentation was reviewed:

USEPA – United States Environmental Protection Agency

- Pollution Report 04/14/2000 w/Tracking/manifests

EDA-Economic Development Authority

- Hazardous Discharge Site Remediation Fund
- Correspondence Dec. 1995; Oct. 1996; Nov. 2001; Nov. 2007

NJDEP – Correspondence

- Hazardous Discharge Site Remediation Fund
- Notice of Deficiency (March 22, 2005)

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Remington & Vernick Engineers

- Correspondence Sept. 1995; Nov., 1996; Nov. 1997; August 1999; June 1999; Oct. 2001;

CRA – Camden Redevelopment Agency

- Hazardous Discharge Site Remediation Fund
- Service Agreement

NJ Underground Storage Tank Program Registration

- Invoices - April 1992 -1993

Miscellaneous Fax Communications

- 1999; 2007; and 2008

A large amount of the documentation reviewed was dated older than 2000 or had already been obtained through CRA and thus was of limited use.

3.8 SENSITIVE POPULATION CHECKLIST – SEPTEMBER 2009

In 2009, DRESDNER ROBIN prepared a Sensitive Population and Resource Checklist for the ABC Barrel Company Site, located at 308-322 North Front Street, in the City of Camden, Camden County, New Jersey. The sensitive receptor evaluation was conducted in accordance with NJDEP's *Guidance for Public Notification*. Sensitive populations were identified within 200 feet of the Site boundary by reviewing databases and interactive maps provided on the NJDEP website. A copy of the completed checklist and supporting information is included in **Appendix I**. The results of the Sensitive Population Checklist are summarized below:

- Residences

Based upon a review of tax record information from public web pages, tax maps, aerial photography and information from the City of Camden Tax Assessor the following residences were identified within 200 feet of the Site boundary and are listed below:

- 101-125 Linden Street
- 410-412 North 2nd Street
- 310, 328 and 330 North 2nd Street
- 310-338 Point Street
- Block 69, Lot 1 identified as 215 North 3rd Street
(utilized as a dormitory by Rutgers University)
- 100-122 Linden Street
- 317 and 319 North 2nd Street
- 101-119 Penn Street

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- Adjacent Businesses, Public and Private Schools, and Child Care Facilities

The Site is listed on the New Jersey Environmental Management System (NJEMS) database under the name AABCO Steel Drum at 308-322 Front Street and it is also listed on the known contaminated site list under the names ABC Barrel Company at 314-322 North Front Street and North Front Street Associates at 308-322 North Front Street.

No child care facilities, public or private schools were identified as a Known Contaminated Site or NJEMs Site within 200 feet of the Site boundary using i-MapNJ or on the NJ Department of Education licensed child care facilities list.

- Public Parks and Playgrounds

A playing field is identified within a 200 foot radius of the Site boundary using i-MapNJ, or aerial photography and the NJDEP GIS database.

- Environmental Justice Petition Neighborhoods

The Site and properties located within 200 feet of the Site boundary are located in a municipality where an Environmental Justice Petition has been selected by the New Jersey Environmental Justice Task Force to advance to action plan development. The petition is for various concerns regarding environmental remediation and public health. A list of environmental Justice Petition neighborhoods by the NJ Environmental Justice Task Force and the USEPA Environmental Justice program is attached in **Appendix I**.

- Language Other Than English Predominantly Spoken

Based on 2000 Census data, approximately 42.2-46.0% of the population at the Site and within 200 feet of the Site boundary speak a language other than English. Based on the 2005-2007 3-year estimate, approximately 35.5% of the population in the City of Camden (5 years and older) speaks a language other than English.

No Public Community Supply Wells, surface water bodies, community and non-community well head protection areas are identified within 200 feet of the Site boundary using i-MapNJ.

4.0 SITE INVESTIGATION/REMEDIAL INVESTIGATION SUMMARY

4.1 OVERVIEW

This section summarizes the results of the site investigation/remedial investigation performed at the ABC Barrel Site for each AOC requiring further remedial actions in accordance with NJDEP's August 24, 2006 comment letter. The information was obtained from a review of Remington and Vernick's Site Investigation and Remedial Investigation Reports. For reference, Remington and Vernick's SI/RI Sampling Summaries, Analytical Results Tables, and Soil Sample Location Plan are presented in **Appendix D**.

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4.2 AOC-B1: FORMER 8,000-GAL.DIESEL UST SYSTEM

4.2.1 Site Investigation Summary

During the site investigation conducted by Remington and Vernick Engineers (Section 2.4.3); an 8,000-Gal. Diesel UST system was identified adjacent to the north side of Building #2 as shown in **Figure 3**. Five (5) one-inch diameter lines were identified along the northwest side of the UST, which were connected to an oil-water separator.

Remington and Vernick Engineers conducted soil sampling in the area of the UST and piping. Total Petroleum Hydrocarbons (TPHC) and D-N-Propylamine were detected in soil samples E2 and E7 (below piping) exceeding the NJDEP Soil Cleanup Criteria (SCC) (**Appendix D**). The SI Report recommended that horizontal and vertical delineation of the contamination detected be conducted to comply with the requirements of N.J.A.C. 7:26E, the *Technical Requirements of Site Remediation*.

4.2.2 Remedial Investigation Summary

On June 21, 2001, under the supervision of Remington and Vernick Engineers, four (4) soil samples were collected using split spoons to vertically delineate contamination detected in sample E2. Soil samples (E2-R8, E2-R10, and E2-R12) were collected from depths of 8 to 12 feet to delineate the contamination detected in SI sample E2. The samples were analyzed for TPHC and Volatile Organic Compounds (VOCs). The results of the delineation sampling indicated that contamination was detected from the surface down to a depth of 10 feet. Physical evidence of contamination including historic fill and vapors were also detected.

On August 24, 2001, soil borings were conducted radially outward 5 to 15 feet from soil sample E-2 to horizontally delineate the TPHC and VOC contamination (**Appendix D - Soil Sample Location Plan**). Soil Sample E2R1 was collected at a depth of 8.5 to 10 feet. No compounds were detected exceeding the NJDEP SCC. Soil sampling was not conducted in the vicinity of S-7 beneath the piping due to access issues associated with the nearby building foundation.

In summary, the horizontal and vertical delineation of soil contamination beneath the piping was completed. The area of the impacted soils was estimated at approximately 537 square feet by 10 feet deep. The RI Report recommended that soil contamination associated with sample S-7 be completed following removal of the UST system.

4.3 AOC-B2: FORMER 1,000-GAL FUEL OIL UST SYSTEM

4.3.1 Site Investigation Summary

During the site investigation, a 1,000-Gal. Heating Oil UST was identified adjacent to AOC-B1 that was reported to contain approximately 6-inches of fuel oil (**Appendix D - Sample Location Plan**). Four (4) soil samples were collected from around the tank (E5

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and H1 to H3) at a depth of 7 to 8 feet (6-inches above the water table). Sample E5 was collected between AOC-B1 and AOC-B2. Sample E5 was analyzed for VOCs and TPHC (because it was located adjacent to AOC-B1) and samples H1 to H3 were analyzed for TPHC. Sample E5 located near the west side of the UST exhibited evidence of contamination consisting of petroleum staining and odor.

The results of the soil sampling indicated that contamination was not present exceeding the NJ Soil Remediation Standards. In the SI Report, Remington and Vernick recommended No Further Action for AOC-B2.

4.3.2 Remedial Investigation Summary

Based upon the recommendations contained in the SI Report, no further sampling was conducted for AOC-B2 during the RI. However, in their November 19, 2002 Correspondence, NJDEP required that once the product was removed from the tank, a soil sample should be collected beneath the tank.

4.4 AOC-B3: FORMER 1,000-GAL LIQUID WASTE UST

4.4.1 Site Investigation Summary

During the SI, a deteriorated 1,000-Gallon UST was reportedly identified adjacent and parallel to Building #1 that contained liquid waste from the historic drum rinse/wash operations. The UST was believed to contain liquid waste from the drum rise/wash operations that occurred inside the building. Four (4) soil samples were collected from around the tank (F1 through F4) at a depth of 8 feet and analyzed for Priority Pollutants (PP+40) TPHC, pH, and total sodium. Evidence of volatile organic vapors was detected with the PID during the sampling. Monitoring well MW-1 was installed and sampled for PP+40 in the vicinity of AOC-B3.

The results of the soil sample analysis indicated that Lead and TPHC (Sample F2), and cadmium, VOC's and BN's (Sample F4) were present at concentrations exceeding the NJDEP Soil Remediation Standards. Semi-volatile and volatile organic compounds were detected in the groundwater sample exceeding the NJDEP Class II-A Groundwater Remediation Standards. In the SI Report, Remington and Vernick recommended that the contamination be horizontally and vertically delineated and remediated to the applicable NJDEP Standards.

4.4.2 Remedial Investigation Summary

On June 21, 2001, under the supervision of Remington and Vernick Engineers, five (5) soil samples were collected beneath Sample F4 and three (3) soil samples were collected beneath location F2 to vertically delineate contamination detected during the SI. Soil Samples F4-R8/F4-R10/F4R12/FR-R14/F4-R15 and F2R8/F2R10/F2R12 were collected at two foot intervals from 8 to 12 feet below Samples F4 and F2, respectively. Soil Samples below F4 were analyzed for VOCs, BNs, TPHC and phenol, and samples below

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F2 were analyzed for lead. Historic fill, odor, staining, and volatile vapors were observed from the surface down to a depth of 8 feet in each boring. Based upon the results of the soil sampling, the lower limit of contamination was found to be approximately 8.0 feet.

On August 24, 2001, soil borings were conducted radially outward 5 to 10 feet from soil samples F4 and F2 to horizontally delineate the above contamination (**Appendix D** – Soil Sample Location Plan). The samples (FR1 and FR2) were collected at a depth of 7.5 to 8.0 feet. No compounds were detected in the samples exceeding the NJDEP SCC.

In summary, the horizontal and vertical delineation of soil contamination was completed. The area of the impacted soils was reported to be approximately 136 square feet by 10 feet deep. The RI Report stated that soil contamination must be addressed prior to redevelopment.

4.5 AOC-C: FORMER DRUM RINSING/CONCRETE PIT AREAS (BLDS. NOS. 1 AND 2)

4.5.1 Site Investigation Summary

As reported by Remington and Vernick during the PA, several small pits were noted inside Building No. 1 that were associated with the caustic wash process area (AOC-C1 and AOC-C4) and the drum rinsing area (AOC-C2A/C2B, AOC-C3A/C3B, and AOC-C5A/C5B). A small pit inside the northwest corner of Building No. 2 of unknown use was also identified (AOC-C6). The locations of the former concrete pit areas are shown on the Soil Sample Location Plan in **Appendix D**. The results of the SI are summarized below.

Building No. 1

AOC-C1 - Drum Washing Area and Associated Piping: No liquid or sediment was found inside the pit. A soil sample (C1B) was collected beneath a piping run that was identified leading out to the former 1,000-Gal. Liquid Waste UST (AOC-B3) and analyzed for TPHC, PP+40, and total sodium. A soil sample was also collected from 6-inches below the concrete pit area (C1) and analyzed for TPHC and PP+40. Tetrachloroethene (TCE) and Trichloroethene (TCE) were reported to be present in both samples at concentrations exceeding the NJDEP SCC (**Appendix D**). As a result, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

AOC-C2/AOC-C3A - Drum Washing Area and Associated Piping: Sediment sample C2A was collected from inside the pit and analyzed for TPHC and PP+40. Soil sample C3A was collected 6-inches beneath a piping run, which ran to a concrete pit/floor drain (AOC-C3) and an oil/water separator (AOC-0), and analyzed for the above parameters. A soil sample was also collected from 6-inches below the concrete pit area (C2B) and analyzed for the same parameters. Metals and base neutral organic compounds were detected in sample C2A, and PCE and/or TCE were detected in soil samples C2B and

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C3A exceeding the applicable NJDEP SCC (**Appendix D**). As a result, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

AOC-C3B - Drum Washing Area and Associated Piping: No liquid or sediment was found inside the concrete pit. A floor drain inside the pit was found connected to an oil/water separator (AOC-O). A soil sample was collected from 6-inches below the bottom of the concrete pit and analyzed for TPHC and PP+40. Metals and base neutral organic compounds were reported to be present in both samples at concentrations exceeding the applicable NJDEP SCC (**Appendix D**). As a result, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

AOC-C4 - Pit with Metal Frame/Drum Washing Area: Sediment sample C4A was collected from inside the pit and analyzed for TPHC and PP+40. Soil sample C4B was collected 6-inches beneath the bottom of the concrete pit and analyzed for the same parameters. Metals, TPHC, volatile organics, and base neutral organic compounds were detected in sediment sample C4A, and metals, TPHC, volatile organic compounds were detected in soil sample C4B, exceeding the applicable NJDEP SCC (**Appendix D**). As a result, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

AOC-C5 - Pit with Metal Frame/Drum Washing Area: Sediment sample C5A was collected from inside the pit and analyzed for TPHC and PP+40. Soil sample C5B was collected 6-inches beneath the bottom of the concrete pit and analyzed for the same parameters. Metals and base neutral organic compounds were detected in sediment sample C5A at concentrations exceeding the applicable NJDEP Soil Remediation Standards (**Appendix D**). As a result, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

Building No. 2

AOC-C6 - Pit with Metal Frame/Drum Washing Area: Soil sample C6 (labeled 'Cc') was collected 6-inches beneath the bottom of the concrete pit and analyzed for TPHC and PP+40. Lead and base neutral organic compounds were detected in the soil sample concentrations exceeding the applicable NJDEP SCC (**Appendix D**). As a result, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

4.5.2 Remedial Investigation Summary

The vertical delineation of the Former Concrete Pit Areas (AOC-C) in Buildings No. 1 and 2 was conducted on June 19 and 21, 2009, respectively. The horizontal delineations were conducted on August 9 and August 17. The results of the remedial investigations as reported by Remington and Vernick are summarized below.

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Building No. 1

AOC-C1 through C5- Concrete Pit/Drum Rinsing Area: Seven (7) soil samples (C4R4, C4R-6, C4R-8, C4R-10, C4R-12, C4R-14, C4R-15) were collected below soil sample C4R from depths of 4 to 15 feet below grade and analyzed for the contaminants of concern as discussed above. A strong odor was detected during the sampling. To horizontally delineate the contamination, eight (8) soil borings radiating outward from 5 to 15 feet from sample C4 were conducted along the perimeter of the slab. Soil samples CR-1 through CR-8 were collected from each boring at 5.5 to 6.0 feet and analyzed for the above parameters (**Appendix D**). No compounds were reported to be present at concentrations exceeding the NJ Soil Remediation Standards.

In summary, the horizontal and vertical delineation of soil contamination was completed. The area of the impacted soils was reported to be approximately 683 square feet by 6 feet deep. The Remedial Investigation Report (RIR) stated that soil contamination must be addressed prior to redevelopment.

Building No. 2

AOC-C6 (reported as location 'Cc') - Pit With Metal Frame/Drum Washing Area: Three (3) soil samples (CCR-4, CCR-6, CCR-8) were collected below soil sample CC from depths of 4 to 8 feet below grade and analyzed for BNs and lead. To horizontally delineate the contamination, four (4) soil samples (CCR-1, through CCR4) radiating outward from sample C4 were collected and analyzed for the above parameters. Soil samples were collected from each boring at 3.55 to 4.0 feet below the surface grade (elevated 4 feet) and analyzed for the above parameters (**Appendix D**). Soil sample CCR-4 was found to contain lead at 522 parts per million (ppm) exceeding the NJ Soil Remediation Standards.

In summary, Remington and Vernick reported that the delineation of AOC-C was completed except for sample location CCR1. The contamination detected was indicative of historic fill materials.

4.6 AOC D & K: FORMER LOADING OFF/LOADING AREAS

4.6.1 Site Investigation Summary

As reported by Remington and Vernick during the PA, three (3) Loading/Unloading Docks were identified as follows: 1) Building No.1 adjacent to 2nd Street (AOC-D1); 2) Building No. 1 in the southwest corner of the building (AOC-D2); and 3) Building No. 2 perpendicular to the north side of the building (AOC-D3). The locations of the former loading and unloading areas are shown on the Soil Sample Location Plan in **Appendix D** and the SI results are summarized below.

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Building No. 1

AOC-D1- Loading/Off Loading Area: Soil samples J1, J2, and J3 were collected within this area 6-inches below the pavement and analyzed for PP+40 and TPHC. The results of the soil sampling indicated that several polynuclear aromatic hydrocarbon (PAH) compounds were present in the samples at concentrations exceeding the applicable NJDEP Soil Remediation Standards (**Appendix D**). Consequently, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

AOC-D2- Loading/Off Loading Area: Soil samples I1, I2, and I3 were collected within this area 6-inches below the pavement and analyzed for PP+40 and TPHC. The results of the soil sampling indicated that PAHs were present in samples I1 and I3 at concentrations exceeding the applicable NJDEP Soil Remediation Standards (**Appendix D**). Consequently, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

Building No. 2

AOC-D3- Loading/Off Loading Area: Remington and Vernick did not specifically investigate this loading/unloading area because the area was sampled during investigation of the former yard area (AOCs E and M), the former UST area (AOC-B1), and the oil/water separator (AOC-O).

4.6.2 Remedial Investigation Summary

AOCs D and K were further investigated by Remington and Vernick during the investigation of historic fill materials. On July 16, 2001, to delineate the on-site extent of historic fill materials, one characterization soil boring was conducted at each corner of the Site (two along front Street and two along Second Street) down to a depth of 18 feet bgs. The reported results of the soil borings indicated that historic fill materials and associated contamination were present down to a depth of approximately 12 feet bgs. Groundwater was detected at 13 feet below grade during the investigation. It was concluded in the RI Report that the historic fill materials should be addressed prior to site redevelopment.

4.7 AOC E & M: FORMER DRUM STORAGE/YARD AREAS

4.7.1 Site Investigation Summary

Soil

The area between former Buildings No. 1 and 2 and to the east of these buildings (once occupied by a building) was reportedly used for drum storage at the Site. To investigate this area, Remington and Vernick collected twenty-two (22) samples using a 30 x 30 foot square grid pattern (samples D1 to D22). The samples were collected from 0 to 6-inches below grade except for VOCs, which were collected at 24-inches below grade. The

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samples were analyzed for PP+40, TPHC, and pH. Eighteen (18) out of 22 samples were found to contain primarily metals and PAHs at concentrations exceeding the NJDEP SCC. As a result, Remington and Vernick recommended that the contamination be investigated in accordance with N.J.A.C. 7:26E-4.6(b) for historic fill materials.

Groundwater

In response to the contamination detected in the yard area, monitoring wells MW-2 and MW-3 were installed by Remington and Vernick on February 19, 1999 in accordance with N.J.A.C. 7:26E (**Appendix D** – Soil Sampling Location Plan). Groundwater samples were collected on March 15, 1999, and analyzed for PP+40. The result of the analysis indicated that lead was detected in both wells at concentrations exceeding the NJDEP Class IIA Groundwater Quality Criteria (GWQC). As a result, Remington and Vernick recommended that additional sampling be conducted in these wells utilizing USEPA's Low Flow Method.

4.7.2 Remedial Investigation Summary

The remedial investigation of soil for AOCs E & M was conducted pursuant to NJDEP's requirements for historic fill materials. The investigation and results for historic fill materials are discussed in the remedial investigation section for AOCs D & K. Section 4.6.2 of this report. The remedial investigation of groundwater at the Site during the SI/RI is discussed in Section 4.11.

4.8 AOC G & I: FORMER FLOOR DRAIN/TRENCH/PIPING

4.8.1 Site Investigation Summary

This AOC is located along the south side of Building No. 1 and east of the building that was reported to include: 1) a trench used to dispose solvent waste from the drum rinsing/washing area (AOC-C); and 2) a 4-inch diameter 150 feet long pipeline (three feet below the trench) and associated floor drain west of AOC-B3 that was connected to the oil/water separator (AOC-O). The piping was reported to discharge to the public sewer system along Front Street (**Appendix D** – Soil Sampling Location Plan).

Piping/Floor Drain

Soil samples G2, G4, and G5 were collected 30 feet apart along the piping and samples G1A and G1B were collected beneath and from within the floor drain, respectively. The samples were collected at a depth of 3 feet below grade and analyzed for TPHC, PP+40, pH, and sodium. Elevated PID readings were detected during collection of the sample beneath the floor drain. Priority Pollutant Metals were detected in all samples with the exception of G1B exceeding the NJDEP SCC. TPHC, volatile and semi-volatile organics, and phenols were detected in sample G1B exceeding the most stringent NJDEP SCC.

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Trench

In the trench area, matting materials were observed along the trench that measured approximately two feet wide, four feet deep, and 50 feet in length. Soil sample G1 was collected from six to eighteen inches below grade and analyzed for TPHC, PP+40, pH, and sodium. TPHC, semi-volatile organics, metals, and phenols were detected in sample G1B exceeding the most stringent NJDEP SCC. Consequently, Remington and Vernick recommended that the contamination be horizontally and vertically delineated.

4.8.2 Remedial Investigation Summary

Seven (7) soil samples (G4R-4, G4R-6, G4R-8, G4R-10, G4R-12, G4R-14, and G4R-16) were collected beneath SI sample location G1B (floor drain) to vertically delineate the extent of contamination detected during the SI as discussed above. Based upon PID readings and soil analytical results, the contamination was found reported to be present within the 0 to 6 feet interval below the floor drain.

Seven (7) soil samples (GR-1 through GR-7) were collected from individual soil borings radiating outward 5 to 15 feet from sample G4 along the perimeter of the piping. With the exception of lead detected in sample GR-4, no other contaminants were detected in the samples at concentrations exceeding the NJDEP SCC. Remington and Vernick indicated that the lead contamination was associated with historic fill materials, which were further investigated pursuant to NJDEP's requirements for historic fill materials.

4.9 AOC-O: FORMER OIL TANK WITH SEPARATOR AREA

4.9.1 Site Investigation Summary

As reported by Remington and Vernick, an oil/water separator was present in the yard area adjacent to Building #1 across from the raised concrete loading dock connected to Building No.2 (**Figure 3**). Caustic wash water from the drum rising process was reportedly discharged in the oil/water separator, which connected to the public sewer system via the 4-inch piping as described above.

Soil

Six (6) soil samples (A1 through A6) were collected within and surrounding the oil/water separator at depths ranging from 2.5 to 6 feet below grade (**Appendix D** - Soil Sampling Location Plan). The samples were analyzed for TPHC, PP+40, pH, and sodium. High PID readings and a strong odor were detected during the sampling within the oil/water separator and during the test pit excavation/sampling surrounding the oil/water separator.

The soil sampling results indicated that volatile and semi-volatile organics, phenols, and metals were detected in all samples exceeding the most stringent NJDEP SCC. In addition, TPHC was detected in all six samples exceeding the 10,000 mg/kg NJDEP

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criteria. Based upon the results of the sampling, Remington and Vernick recommended that the horizontal and vertical extent of the contamination be delineated.

Groundwater

Based upon soil sampling results and the reported historic usage of the oil/water separator, monitoring well MW-1 was installed to evaluate possible impacts to groundwater from AOC-O (**Appendix D** – Soil Sampling Location Plan). Groundwater was encountered at 8.5 feet below grade during the monitoring well installation. On July 9, 1998 a groundwater sample was collected from MW-1 and analyzed for PP+40. The result of the analysis indicated that volatile organics and phenols were detected at concentrations exceeding the NJDEP Class IIA GWQC. As a result, Remington and Vernick recommended further groundwater investigation of this AOC.

4.9.2 Remedial Investigation Summary

Six (6) soil samples (A2R-6, A2R-8, A2R-10, A2R-12, A2R-14, A2R-15) were collected at 2 foot intervals beneath SI sample A2 (oil/water separator) to vertically delineate the extent of contamination as discussed above. Based upon visual evidence, PID readings, and the analytical results, it was determined that the contamination was present within the interval from 0 to 6 feet bgs.

Four (4) soil samples (AR-1 through AR-4) were collected from individual soil borings at 5.5 to 6.5 below grade radiating outward 5 to 15 feet from sample A2 to horizontally delineate the contamination. After reviewing the analytical results from samples AR2 and AR3, samples AR5, AR6, AR7 and AR8 were collected during a second phase of sampling to complete the delineation. In addition, soil sample A9 was collected from a boring collected 10 outward from sample AR7 to complete the delineation of TPHC.

The reported results of the remedial investigation for AOC-O indicated that the soil contamination was present down to a depth of 6 feet deep within an area of approximately 1,175 square feet surrounding the oil/water separator. Remington and Vernick stated that the contamination must be addressed prior to site development.

4.10 AOC-P: FORMER ELEVATOR PITS

4.10.1 Site Investigation Summary

Two (2) elevator shafts were identified during the PA as follows: 1) AOC-P1 in the southwestern corner of Building No. 1; and 2) AOC-P2 in the northeast side of Bldg. No. 1. Based upon site interviews, possible discharges of solvents into the elevator shafts were reported. For the southwest corner elevator shaft, four (4) soil samples were collected from test pits (samples P1A through P1D) at a depth of 5 feet below grade. . For the northeast side elevator shaft, two test pits were sampled at 4.5 feet below grade (samples P2A and P2B) due to limited access around the elevator shaft (**Appendix D** – Soil Sampling Location Plan). All samples were analyzed for PP+40 and TPHC.

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The reported results of the soil sampling indicated that lead was detected in samples P1D and P1B (southwest elevator shaft) exceeding the most stringent NJDEP SCC. Consequently, Remington and Vernick recommended that the horizontal and vertical extent of the contamination be delineated.

4.10.2 Remedial Investigation Summary

The remedial investigation of soil for AOC-P1 was conducted pursuant to NJDEP's requirements for historic fill materials. The investigation and results for historic fill materials are discussed in Section 4.6.2 of this report.

4.11 REMEDIAL INVESTIGATION OF GROUNDWATER- 2001

Remedial investigation of groundwater was conducted by Remington and Vernick to further assess groundwater contamination detected in monitoring MW-1, MW-2, and MW-3 during the SI. As discussed above, MW-1 was installed in the vicinity of the oil/water separator (AOC-O) and monitoring wells MW-2 and MW-3 were installed within the former Drum Storage/Yard Area at the Site. During the SI, volatile organic compounds and phenols were detected in monitoring well MW-1, and lead was detected in monitoring well MW-2 and MW-3, requiring further remedial actions.

On August 15, and September 17, 2001, groundwater samples were collected from MW-1, MW-2, and MW-3 in accordance with USEPA's "Low Flow Purging and Sampling Procedure for Collection of Groundwater Samples". No compounds were detected during either of the sampling rounds at concentrations above the NJDEP Class II-A GWQC. During the groundwater sampling rounds, groundwater flow direction was reported to be generally westerly at the Site (i.e., towards the Delaware River).

5.0 DESCRIPTION OF HISTORIC REMEDIAL ACTIVITIES – 2005 to 2006

5.1 OVERVIEW

During the period from February 2005 through March 2006, remedial activities were conducted at the ABC Barrel Co. Site to address soil contamination associated with the following six (6) AOCs:

- AOC-B1- Registered 8,000-Gal. Diesel UST and Piping, located adjacent to Building No. 2
- AOC-B2- Former 1,000-Gal. Fuel Oil UST and Piping, located adjacent to AOC-B1
- AOC-B3- Former 1,000-Gal. Liquid Waste UST, located adjacent to Building No.1
- AOC-C1-C5 Former Drum Rinsing/Caustic Wash/Concrete Pit Area, located in Buildings No. 1)

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- AOC-C6- Former Concrete Pit located inside northwest corner of Building No. 2
- AOC-G- Former Floor Drain/Trench/Piping along the southwest side of Building No. 1
- AOC-O- Former Oil Water Separator and Associated Piping, located on the south side of Building No. 1

The remedial activities were conducted under the oversight of EHS Environmental, Inc (EHS), who was retained by Pennrose Properties, LLC on behalf of Cooper Grant Developer's, LLC. The remedial activities included: 1) excavation and removal of one (1) regulated UST (AOC-B1); 2) excavation and removal of two (2) unregulated USTs (AOC-B2/AOC-B3); 3) contaminated soil excavation and post-excavation sampling for AOC-B1, AOC-B3, AOC-C1-C5, AOC-C6, AOC-G, and AOC-O; and 4) stockpiling, waste classifications sampling, and off-site disposal of contaminated soil associated with the above AOCs.

The regulated 8,000-Gal. Diesel UST removal (AOC-B1) was completed by ENVsion on February 2, 3, and 4, 2005 (Section 2.4.6). Based upon the available historic information for the Site, the unregulated 1,000-Gal. Fuel Oil UST (AOC-B2) located east of AOC-B1 and the Liquid Waste UST (AOC-B3) located adjacent to Building No. 1 were also removed in February 2005 in coordination with removal of the former building foundations and slabs. Based upon review of the available information, other AOCs previously identified as 'hot spots' were also removed during these activities. These AOCs consisted of: 1) a drum rinsing area inside Building No. 1 (AOC-C1-C5); 2) the concrete pit area inside building No. 2 (AOC-C6); 3) a floor drain, trench, and piping (AOC-G); and 4) an oil-water separator outside Building No. 1 (AOC-O).

Following completion of the removal of AOC-B1, AOC-B2, and AOC-B3 and the other AOCs, in March 2006, soil remedial actions were completed by React Environmental Professional Services Group (REPSG) for AOC-B1, AOC-B3, AOC-C1-C5, AOC-C6, AOC-G, and AOC-O. It should be noted that REPSG designated the AOCs remediated as AOC-001 through AOC-006, which is different from the AOC names referred to in SI and RI by Remington and Vernick. For reference, the REPSG and the corresponding Remington and Vernick designations are as follows:

AOC Assigned during SI/RI	AOC Assigned during RA
AOC-O	AOC-001
AOC-C1-C5	AOC-002
AOC-C6	AOC-003
AOC-B1	AOC-004
AOC-B3	AOC-005
AOC-G	AOC-006

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A summary of the post-excavation sampling program for the AOCs is presented in **Table 3** and a summary of the excavation volumes, areas, dates, and location of the receiving facility are presented in **Table 4**. The approximate locations of the March 2006 excavated areas as provided by REPSG are shown on the Record of Historical Remedial Actions in **Figure 7**. The post-excavation Sample Location Plan and summary of analytical data as provided by REACT are presented in **Appendix E**.

5.2 QUALITY ASSURANCE/QUALITY CONTROL

Quality Assurance/Quality Control (QA/QC) procedures utilized during the remedial activities were those as specified in the project's Quality Assurance Project Plan (QAPjP) and standard environmental practices. Standard practices include the use of dedicated vinyl or nitrile gloves and dedicated field sampling equipment, collection of field/lab blanks, proper storage of samples, and strict Chain-of-Custody procedures.

5.3 HEALTH & SAFETY PROCEDURES

Health and safety procedures utilized during the on-site remedial activities were those as specified in the project Health and Safety Plan (HASP). The HASP was prepared by ENVision in accordance with the United States Environmental Protection Agency (USEPA) Standard Operating Safety Guides and Occupational Safety and Health Administration (OSHA) regulations (29CFR Part 1910). Based upon the requirements of the HASP, site work was conducted using Level D Personal Protection Equipment (PPE).

5.4 INITIAL REMOVAL ACTIONS – FEB. 2005

5.4.1 AOC-B1: Former 8,000-Gal.Diesel UST System

The initial UST removal activities for AOC-B1 were conducted by EHS's subcontractor Terra Environmental Contractors on February 2, 3 and 4, 2005 as discussed in Section 2.4.6. The location and depth of the excavation was initially identified in the field by the contractor using the information provided by Remington & Vernick in their RI Report. The RI Report identified the limits of the excavation as delineated by post-excavation sample locations E1 through E5 and E2R1, as shown by "Detail E" in the Soil Sample Location Plan in **Appendix D**.

As discussed in the February 2005 SI Report prepared by ENVision, during the initial UST removal, excavated soils were inspected for physical evidence of petroleum contamination and discrete samples were tested with a photoionization meter (PID) for the presence of volatile vapors. Excavated soils were stockpiled onsite for later removal by CRA. The volume of contaminated soil excavated during the removal was not reported. A review of available historic information for the Site indicated that the excavation was most likely backfilled with fill materials generated during removal of the nearby buildings foundations and slabs.

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As discussed in Section 2.4.6, five (5) post-excavation soil samples were collected from the base of the excavation and analyzed for TPHC and VOCs in accordance with Table 2 of N.J.A.C. 7:26E-2.1(d). The locations and depths of the initial post-excavation soil samples are shown on **Appendix C**. No contaminants were detected in the soil samples exceeding the NJDEP SCC.

5.4.2 AOC-B2 & AOC-B3: 1,000-Gal. Unregulated USTs

Based upon review of available historic information, the initial UST removal activities for AOC-B2 (1,000- Gal. Fuel Oil UST east of AOC-B1) and AOC-B3 (1,000-Gal. Liquid Waste UST adjacent to Building No. 1) were apparently completed by EHS in February 2005 in coordination with removal of the building foundations and slabs. In a November 7, 2005 correspondence prepared by EHS, it was indicated that these underground tanks were removed and disposed and the contaminated soils were stockpiled on-site. Correspondence from EHS indicated that the stockpiled soils were later removed and disposed off-site as discussed below. Specific information pertaining to the initial removal activities for this AOC was not available.

5.4.3 AOC-C1-5, AOC-C6, AOC-G and AOC-O

Based upon a review of available historic information, the initial UST removal activities for the remainder of the AOCs were apparently completed by EHS in February 2005 in coordination with removal of the building foundations and slabs. Although the documentation reviewed referenced three AOCs ('hot spots') and did not specifically identify the names of the AOCs remediated, the AOCs most likely included: AOC-C1 - drum rinsing area inside Building No. 1; AOC-C6 - concrete pit area located inside Building No. 2); and AOC-G and AOC-O - the floor drain/trench/piping and oil water separator located adjacent to Building No. 1. In the November 7, 2005 correspondence prepared by EHS, it was indicated that the soils removed from these AOCs were stockpiled on-site, however, when the contractor removed the slabs, the stockpiled soils were backfilled. More specific information pertaining to the initial removal of these AOCs was not available.

5.5 SOIL REMEDIAL ACTIONS – MARCH 2006

5.5.1 Excavation of AOC-001 through AOC-006

Based upon information obtained from EHS, soil remedial actions were completed by REPSG during the week of March 27, 2006, for AOC-O, AOC-C1, AOC-C6, AOC-B1, AOC-B3, and AOC-G. The AOCs remediated were designated as AOC-001 through AOC-006 as summarized in **Table 4** and discussed above.

The remedial activities completed during March 2006 consisted of the excavation, post-excavation sampling, and disposal of contaminated soils, pursuant to the recommendations of the RI Report and in compliance with requirements of NJDEP's August 24, 2006 Comment Letter (**Appendix A**). Although the February 2006 SI for AOC-B1 did not recommend further soil remediation, additional remedial activities were

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conducted for this AOC during the March 2006 activities, possibly in response to previous NJDEP request.

It should also be noted that remedial activities were not completed for AOC-B2 (Former 1,000- Gal. Fuel Oil UST) during the March 2006 activities presumably because further sampling was not recommended for this AOC in the RI Report. However, NJDEP's August 2006 comment letter required that further information be provided before a No Further Action determination was made for AOC-B2. Since sampling had not been conducted beneath AOC-B2 after the removal, additional remedial actions would be required for AOC-B2.

The initial location of the excavation areas for these AOCs were determined in the field by REPSG based upon the area of soil contamination delineated during the RI as shown on the Soil Sampling Location Plan provided in **Appendix D**. Where necessary, the excavations were continued until contaminated soils were not observed based upon the physical evidence of contamination. At that time, post-excavation soil samples were collected from the bottom and sidewalls of the excavations to confirm the removal of the contaminated soils. The estimated areas and volumes of contaminated soil excavated for AOC-001 through AOC-006 as provided by EHS are summarized below.

AOC Remediated	AOC Description	Area of Excavation (sq. feet)	Depth of Excavation (feet)	Volume Removed (cy)
AOC-001	Oil-Water Separator	2700	0.5	20
AOC-002	Drum Rinsing Area	1080	6	240
AOC-003	Concrete Pit Area	190	8	56
AOC-004	8,000-Gal. UST & Piping	1500	12	667
AOC-005	1,000-Gal. Liq. Waste UST	190	10	70
AOC-006	Floor Drain/Trench/Piping	1200	6	265
Total				1300 cy

An additional 30 cubic yards (cy) was excavated from AOC-001 which overlapped with AOC-004. This additional 30 cy is included in the total for AOC-004. The March 2006 post-excavation sampling and results and management of the excavated regulated waste are discussed in the following sections.

5.5.2 Post-Excavation Sampling and Results

A summary of the post-excavation sampling program conducted by REPSG during the March 2006 soil remedial actions is presented in **Table 3**. The specific locations of the samples and a summary of the analytical results as provided by REPSG are provided **Appendix E**.

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As shown on the soil sample locations maps in **Appendix E**, the following post-excavation samples were collected:

- AOC-001: seven (7) grab samples at 0.5 inches below the ground surface (bgs)
- AOC-002: eight (8) grab samples at 6 feet bgs (2 bottom and 6 sidewall)
- AOC-003: five (5) grab samples at 8 feet bgs (1 bottom and 4 sidewall)
- AOC-004: eight (8) grab samples at 12 feet bgs (2 bottom and 6 sidewall)
- AOC-005: five (5) grab samples from at 10 feet bgs (1 bottom and 4 sidewall)
- AOC-006: ten (10) grab samples at 6 feet bgs (2 bottom and 8 sidewall)

With the exception of AOC-006 (concrete pit area), all samples were analyzed for the following parameters:

- Total Petroleum Hydrocarbon (TPH) by EPA Method 418.1
- Volatile Organic Compounds (VOCs) by EPA Method 8260B
- Semi-Volatile Organics by EPA Method 8270D
- Metals by EPA Method 6010B

Area of concern AOC-006 was analyzed only for only semi-volatile organics presumably because of the nature of the source area.

Post- Excavation Sampling Results

The results of the March 2006 post-excavation sampling indicated that chlorinated volatile organic compound tetrachloroethylene (PCE) was present in sample 06-PE-005 at a concentration of 520 mg/Kg, which slightly exceeds the SCC for this constituent. In addition, lead was detected in five (5) samples and antimony in one (1) sample from AOC-006 (floor drain/piping/trench area) exceeding the SCC.

Based upon the sampling results, further delineation sampling and removal of PCE-impacted soil is warranted for AOC-G, the former floor drain/trench/piping area. The scope of work of these additional remedial actions will be detailed in the Remedial Action Workplan (RAW) for site development (Section 9.6). Since the metals contamination is most likely associated with historic fill materials that underlie the entire Site, the metals contamination will be addressed in the RAW through implementation of a Deed Notice for site-wide historic fill materials.

5.5.3 Temporary Stockpiling and Waste Classification Sampling

A review of the available site information indicated that contaminated soils were temporarily stockpiled on-site during the following activities: 1) the initial UST removals in February 2005; and 2) the March 2006 soil remedial actions. These temporary stockpile areas and origins of the contaminated soils are as follows:

- Stockpile Area No. 1- Generated February 2005: AOC-B1, AOC-B2, AOC-B3
- Stockpile Area No. 2- Generated March 2006: AOC-001 through AOC-006

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The estimated total volume of contaminated soil in Stockpile No. 1 was not reported. Based upon the correspondence from EHS April 10, 2006 (**Appendix F**), an estimated total of 1300 cubic yards of contamination soil was generated and temporarily stockpiled at the Site following the soil remedial actions in March 2006.

Waste Classification Sampling

Waste classification samples were collected from Stockpile No.1 by ENVision on February 10, 2006. The sampling was conducted in accordance with the Soil Safe, Inc. Logan Facility sampling protocols. For this sampling, two (2) composite samples (PC-1 and PC-2) were collected and submitted to EMSL Analytical, Inc., a NJ Certified laboratory from Westmont, NJ, for analysis of: VOAs (Method 8260B); SVOA (Method 8270C); PCBs (Method 8082); total and TCLP metals (Method 6010B); Diesel Range Organics (Method 801.5) and Paint Filter Test (Method 9095A).

The Chain of Custody for these samples and the analytical results are provided in **Appendix F**. Based upon the results of the waste classifications sampling for Stockpile No.1, the contaminated soils were classified by Soil Safe as ‘non-regulated petroleum contaminated soils’. Information on waste classifications sampling for soil in stockpile No. 2 was not available.

5.5.4 Contaminated Soil Removal and Disposal

According to documentation provided by EHS, contaminated soils were removed from Stockpile Areas No. 1 and No. 2 and disposed at the Soil Safe Facility, located at 378 Route 130, in Bridgeport, Logan County, New Jersey. The Logan Soil Safe Facility is a NJDEP-Permitted “Class B Recycling Center” that accepts petroleum contaminated soils for recycling and reuse. The soils were transported as solid waste in accordance with NJDOT Regulations.

A review of the waste manifests (signed by Pennrose or EHS) and other documentation provided by EHS indicated that a total 1,823.08 tons of contaminated soil was removed as follows:

- March 3, 2006- a total of 706.4 tons was removed from Stockpile No. 1 (Log # 7, 10, 11, 12, 24, 34, 35, 42, 43, 44, 45,47, 49,56, 59, 60, 62, 78, 80, 82, 83, Blank No., 98, and 101.
- March 30 & 31, 2006- a total of 1,116.68 tons were removed from Stockpile No. 2

Soil Safe’s Approval Number for the above stockpiled soils was No. L4 3021. Final Waste Manifests from Soil Safe are provided in **Appendix F** and **Appendix G**.

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**6.0 SUPPLEMENTAL REMEDIAL INVESTIGATION ACTIVITIES –
2007 Through 2009**

**6.1 GROUNDWATER SCREENING INVESTIGATION (AOC-B1) -
SEPTEMBER 2007**

To comply with NJDEP’s August 2006 Correspondence, on September 9, 2007, DRESDNER ROBIN conducted a groundwater screening investigation at the ABC Barrel Company Site. The purpose of the work was to further investigate groundwater contamination related to AOC-B1, a Former 8,000 Gallon Diesel UST. AOC-B1 is located in the central part of the Site adjacent to Building No. 2 (**Figure 3**).

The groundwater screening investigation included the collection and analysis of groundwater sample GW-1 from a temporary well installed within the former excavation area of AOC B1. The results of the September 2007 groundwater screening investigation indicated that concentrations of several individual Base Neutral (BN) compounds [polynuclear aromatic hydrocarbons (PAHs)] and total tentatively identified compounds (TICS) including volatile organic (VO) and base neutral (BN) TICS were present exceeding the NJDEP Groundwater Quality Criteria (GWQC). In addition, an intermittent sheen was noted on the purge water during the collection of the screening sample.

The results of the screening investigation and recommendations for further remedial activities at the ABC Barrel Site were detailed by DRESDNER ROBIN in *Proposal for Groundwater Remedial Investigation/Remedial Action Workplan*”, dated February 28, 2008. The workplan included tasks to complete the installation and sampling of a confirmation monitoring well (MW-4) and installation of three additional wells to delineate the contamination (if necessary).

In an E-mail dated June 27, 2008, NJDEP commented on the February 28, 2008 Proposal and Workplan and approved the workplan with modifications. The February 2008 Proposal and Workplan was then modified and on July 10, 2008 a “*Revised Proposal for Groundwater Remedial Investigation/Remedial Action Workplan*” was resubmitted to NJDEP.

6.2 GROUNDWATER INVESTIGATION (AOC-B1) – OCT. – DEC. 2008

6.2.1 Overview

Based upon the results of the groundwater screening as described above, a groundwater remedial investigation was completed for the former 10,000-Gal. Diesel UST and Piping (AOC-B1) (**Figure 3**). The scope of work for the groundwater remedial investigation was conducted in accordance with the revised July 2008 Proposal and Workplan. The groundwater remedial investigation was conducted in two phases as follows:

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October 7-21, 2008

- Installation and development of monitoring well MW-4
- Reconstruction of existing wells MW-1, MW-2, and MW-3
- Surveying of MW-1 through MW-4
- Disposal of investigation-derived waste
- Collection and analysis of initial groundwater sample from MW-4 (October 21, 2008)

December 15, 2008

- Collection and analysis of second (confirmation) sample from MW-4
- Collection of water level measurements and PID testing of existing site wells (MW-1, MW-2, MW-3, and MW-4)

Based upon the approved scope of work, the installation of three additional delineation phase monitoring wells was contingent upon the results of the initial and confirmation groundwater sampling.

Details of the 2008 groundwater remedial investigation activities were reported by DRESNER ROBIN in the March 4, 2009, *Groundwater Remedial Investigation Letter Report*. Based upon the results of the groundwater sampling, the RI Letter Report recommended a No Further Action for groundwater at the Site.

6.2.2 Installation of Monitoring Well MW-4

Monitoring Well MW-4 was installed by a NJ-Certified Driller (Tabasco Drilling) utilizing a mobile drilling rig and hollow-stem augers. The well was installed adjacent to the groundwater screening location GW-1 as shown on **Figure 8**.

During the monitoring well installation, subsurface materials encountered consisted predominantly of fill materials that were apparently used to backfill the former UST excavation. The subsurface materials were described by DRESNER ROBIN'S field geologist as follows:

- 0.0 to 4.0 feet- orange to red brown medium to fine sand and silt with little to some brick pieces, miscellaneous debris, and gravel (0.0 to 4.0 feet)
- 4.0 to 18.0 feet- dark gray medium to fine and coarse to fine sand, with little to some silt, gravel, and trace of miscellaneous debris.

During the installation of MW-4, significant evidence of odors, stains, or sheen were not detected. The Soil Boring/Well Log prepared for MW-4 is presented in **Appendix H**.

Monitoring well MW-4 (Well Permit No. P200801109) was constructed in accordance with the requirements of the NJDEP's *Field Sampling Procedures Manual* (August 2005)

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and the *Well Construction Rule*. The well construction details consist of 4-inch Schedule 40 PVC solid pipe with 15 feet of 0.01-inch slot size well screen (installed from 3.0 to 18 feet) with compatible size filter pack. The surface details consisted of a flush mount steel casing set in a concrete pad, with pressure-sealed locking cap. Monitoring Well Records for MW-4 are presented in **Appendix H**. Site Photography showing the construction details of MW-4 is presented in **Appendix J**.

6.2.3 *Well Reconstructions/Surveying of Existing Wells*

DRESDNER ROBIN'S Certified Driller inspected existing monitoring well MW-1 and determined that only the surface casing of the well was damaged. Consequently, the driller removed the manhole and well pad and replaced it with a new flush-mount steel surface casing and cement pad. In addition, it was determined that the existing surface constructions of MW-2 and MW-3 were also in need of repair. Therefore, the driller also installed new flush-mount steel surface casings and cement pads for these wells.

Following completion of the above well installation and reconstructions, DRESDNER ROBIN'S Professional Land Surveyor surveyed the casing and ground elevations and locations of monitoring wells MW-1, MW-2, MW-3, and MW-4. The survey used NJ State Plane Coordinates NAD 83 and available bench mark elevation datum. The *Form B Monitoring Well Certifications* for these wells are provided in **Appendix H**. Photographs showing the construction details of MW-1, MW-2, and MW-3 is presented in **Appendix J**.

6.2.4 *Groundwater Monitoring and Sampling*

As indicated above, the initial groundwater sample was collected from monitoring well MW-4 on October 21, 2008, and a confirmation sample was collected on December 15, 2008. The initial groundwater sample was collected two weeks after the installation and development of the MW-4. The confirmation sample was collected approximately 6 weeks after the initial sampling event following review of the initial sampling data and consultation with CRA.

Prior to the collection of the groundwater samples, photoionization detector (PID) readings and water level measurements were collected from the monitoring wells. The results of this monitoring indicated that PID readings collected in MW-4 varied from 0.0 parts per million (ppm) to 4.3 ppm and PID readings in monitoring wells MW-1 through MW-3 varied from 0.6 to 2.4 ppm. A sheen was not observed in any of the monitoring during the monitoring and sampling, although organic materials were noted in a bailer sample collected from MW-3, which suggested that the well had been impacted by surface activities.

During the monitoring activities, depth to groundwater in the monitoring wells varied from 8.9 feet to 11.49 feet below the flush mount PVC casings. As shown in **Figure 9**, based upon the October 21, 2008 water level data, the groundwater elevations varied from approximately 0.1 to 1.0 feet above Mean Sea Level (MSL). Groundwater flow

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direction as shown appears to be in a southwest direction (towards MW-2), which is in a direction towards the closest part of the Delaware River channel.

Groundwater Sampling and Analysis

Groundwater samples were collected in accordance with the procedures and protocol detailed in the NJDEP's *Field Sampling Procedures Manual* (May 1992). To collect the most representative groundwater sample, the low flow sampling method was used in accordance with NJDEP's *Low Flow Purging and Sampling Guidance Document*.

The groundwater samples were analyzed by Accutest laboratories, a NJ-Certified laboratory for the following contaminants of concern:

- GS/MS Volatile Organic Compounds (SW 846 8260B)
- GS/MS Semi-Volatile Organic Compounds (SW 846 8270C/8270C by SIM)

Field quality assurance-quality control (QA/QC) samples were collected during the sampling in accordance with N.J.A.C. 7:26E-2.1 of the *Technical Requirements for Site Remediation*. During each sampling event, a field blank, trip blank (analyzed for volatiles only) and a replicate sample were collected for analysis.

A groundwater sampling summary is presented in **Table 5** and Groundwater Sampling Logs are provided in **Appendix H**. The laboratory data packages in NJ-Reduced Deliverables Format and Electronic Data Deliverables (EDDs) in GIS compatible format are provided on the CD inside the back cover of this report. A review of the results of the QA/QC samples and the laboratory data packages indicated that there was no significant QA/QC issues during sampling and analysis.

6.2 5 *Groundwater Analytical Results*

To evaluate the October and December 2008 groundwater data, the results from MW-4 were compared to the NJDEP Groundwater Remediation Standards N.J.A.C. 7:9C, consisting of the higher of the Practical Quantitation Level (PQL) and the Class II Specific Groundwater Quality Criteria (GWQC) or the Interim Specific Groundwater Quality Criteria, where applicable. A summary of the analytical results for the October and December 2008 sampling is presented in **Table 6** and **Table 7**, respectively. The results of the groundwater sampling are summarized below.

October 21, 2008 Sampling Results

Volatile Organic Compounds

Volatile organic compounds were not detected in the initial groundwater sample from monitoring well MW-4 at concentrations exceeding the GWQC.

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Semi-volatile Organic Compounds

Semi-volatile organic compounds were not detected in the initial groundwater sample from MW-4 exceeding the GWQC. A trace concentration of acenaphthene was detected in the sample significantly below the 400 microgram per liter (ug/L) GWQC.

December 15, 2008 Sampling Results

Volatile Organic Compounds

Volatile organic compounds were not detected in the confirmation groundwater sample from MW-4 at concentrations exceeding the GWQC. Tetrachloroethene (PCE) was detected in the sample at a concentration of 0.30J ug/L, which is below the 1.0 ug/L GWQC. In addition, trace concentrations of acetone were detected in the field and trip blanks collected on December 15, 2008. However, since acetone was not detected in the groundwater sample, a laboratory source of this contamination is suspected.

Semi-volatile Organic Compounds

Semi-volatile organic compounds were not detected in the confirmation groundwater sample from MW-4 exceeding the GWQC.

7.0 DESCRIPTION OF SITE RESTORATION ACTIVITIES

In October 2008, following completion of the historic remedial activities and in coordination with the groundwater remedial investigation, the following restoration activities were completed: 1) removal of all excess construction materials and debris from the ground surface and grading by CRA's contractor; 2) completion of installation of monitoring well MW-4 and reconstruction of monitoring wells MW-1, MW-2, and MW-3 by Dresdner Robin's subcontractor; 3) placement of a minimum six-inches of topsoil, with seeding and stabilization matting, by CRA's contractor, to function as a temporary cap over the entire Site; and; 4) removal of all drummed investigation-derived waste as non-hazardous waste by Dresdner Robin's subcontractor EISCO of NJ.

The purpose of the temporary cap is to eliminate the potential for erosion of contaminated materials (i.e. historic fill materials or impacted soils) and to eliminate potential exposure of the public by direct contact and/or through airborne particulate contamination prior to further remedial activities and site redevelopment. A photograph of the Site showing the capping materials after completion of the October 2006 site restoration activities is provided in **Appendix J**. Final capping of the Site will be completed in coordination with future redevelopment efforts and implementation of Engineering and Institutional controls, as required, pursuant to N.J.A.C. 7:26E-8.

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8.0 REMEDIAL ACTION COST SUMMARY

An estimate of the contractor and environmental management costs to date for completion of the historic remedial actions and the groundwater remedial investigation is provided below. The estimate is based upon available information on historic activities, on estimates for standardized items, and on actual Dresdner Robin's environmental management costs. Not included are costs related to site demolition including initial costs for removal of the AOCs (except for AOC-B1), and for site grading activities and placement of the soil cap.

Item No.	Item Description	Total Cost
1	AOC-B1-UST removal, waste disposal, and related work	\$63,000
2	Excavation and post-ex sampling, waste disposal, and related work	\$58,000
3	DRESDNER ROBIN'S Consulting fees (includes groundwater remedial investigation and RI/RAR reporting)	\$55,000

Estimated Cost \$176,000

9.0 FINDINGS/RECOMMENDATIONS

9.1 SOIL- AOC-B1

Findings

Removal of the 8,000-Gal. Diesel UST and Piping (AOC-B1) located on the northeast side of former Building No. 1 was completed by EHS in February 2005 and the results reported by ENVision, Inc. in a *Site Investigation Report* dated February 10, 2006. The report indicated that concentrations for TPH and VOCs in post-excavation soil samples were below the NJDEP SCC. As a result, in their August 24, 2005 correspondence, NJDEP did not require further remedial actions for AOC-B1.

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On March 31, 2006, REPSG completed additional excavation, post-excavation soil sampling, and contaminated soil removal. It was reported that during the March 2006 remedial activities for AOC-B1, 667 cy of additional soil was removed and properly disposed. The results of post excavation samples collected beneath the former UST and along the sidewalls of the excavation (at 12 feet bgs) indicated that concentrations of TPH and VOCs were below the NJDEP SCC. Documentation of the materials used to backfill the excavation was not available.

Recommendations

Remedial actions have been completed for AOC-B1 and a No Further Action for soil is proposed for AOC-B1 at this time. If required based upon the final site redevelopment plans, soils within the vicinity of this AOC will be capped in accordance with NJDEP requirements and a Deed Notice implemented to include the excavation area for AOC-B1.

9.2 SOIL- AOC-B3, C1-C5, C6, AND O

Findings

In March 2006, REPSG completed additional excavation, post-excavation soil sampling, and contaminated soil removal for the former 1,000-Gal. Liquid Waste UST located along the south side of Building No. 1 (AOC-B3); the former Caustic Wash/Drum Rinsing/Pit Area inside Building No. 1 (AOC-C1 to C5); the former Concrete Pit Area inside Building No. 2 (AOC-C6); and the former Oil Water Separator adjacent to the south side of Building No. 2 (AOC-O). It was reported that during the March 2006 remedial activities for these AOCs, a total of 386 cy of additional soil was removed and properly disposed. As reported by REPSG, the results of post excavation samples collected from beneath and along the sidewalls of these excavations indicated that concentrations of the contaminants of concern were below the NJDEP SCC.

Recommendations

Remedial actions have been completed AOC-B3, CI-C5, C6, and AOC-O and a No Further Action for soil is proposed at this time. If required based upon the final site redevelopment plans, soils within the vicinity of these AOCs will be capped in accordance with NJDEP requirements and a Deed Notice implemented for the Site which will include the AOC excavation areas.

9.3 SOIL- AOC-B2 AND AOC-G

Findings

The NJDEP indicated in their August 25, 2008 Comment Letter that it could not determine if further remedial actions were required for the 1,000-Gal Fuel Oil UST and piping (AOC-B2) until the tank and product in the tank are properly removed. Although

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available historic information suggested the tank was removed during the February 2005 activities, specific information pertaining to the removal of AOC-B2 was not available. Furthermore, excavation and soil sampling apparently was not conducted for this AOC by REPSG during the March 2006 remedial activities.

On March 31, 2006, REPSG completed additional excavation, post-excavation soil sampling, and contaminated soil removal for Floor Drain/Trench/Piping Area located adjacent to the southwest side of Building No. 1 (AOC-G). It was reported that during the March 2006 remedial activities for AOC-G, a total of 265 cy of additional soil was removed and properly disposed. The results of post excavation samples collected beneath and along the sidewalls of the excavation (at 6 feet bgs) indicated that tetrachloroethene (TCE) was present in one (1) sample along the northeast sidewall of the excavation at a concentration slightly exceeding the NJDEP SCC. Lead was also detected in five (5) samples and antimony in one (1) sample at concentrations exceeding the SCC.

Recommendations

To comply with N.J.A.C 7:26-4.3, additional soil remedial actions will be required for AOC-G and AOC-B2 to obtain a No Further Action for these AOCs. For AOC-G (the former Floor Drain/Trench/Piping Area), additional excavation, removal, and post-excavation sampling are proposed for the vicinity of post-excavation sample 06-PE-005. Additional soil investigation and removal activities, if required, are also proposed for the area beneath the former 1,000-Gal. Fuel Oil Tank pursuant to NJDEP's requirements, to confirm the soil quality beneath the former UST. Based upon a review of the results of the post-excavation sampling conducted for AOC-G and in the vicinity of AOC-B3 in March 2006, the extent of the soil contamination is expected to be limited. The scope of work for the proposed remedial actions will be detailed in the Remedial Action Work Plan for the Site as discussed in Section 9.6.

It is recommended to complete the proposed remedial activities for AOC-G and AOC-B1 during the remedial action phase of the project in coordination with the site redevelopment. If required based upon the final site redevelopment plans, soils within the vicinity of AOC-B2 and AOC-G will be capped in accordance with NJDEP requirements and a Deed Notice implemented for the Site which will include the AOC excavation areas.

9.4 SOIL- AOC-D&K, E&M, I, AND P1

Findings

These AOCs are associated with the former loading/off-loading area adjacent to Building No. 1 and 2nd Street (AOC-D & K); the drum storage/yard area west of Buildings No. 1 and 2 (AOC-E&M); the underground piping south of Building No. 1 (AOC-I); and the elevator pit on the southwest side of Building No. 1 (AOC-P1). Soils in these areas were found to be contaminated with PAHs and metals, and therefore, were further characterized during the RI as part of the site-wide 'historic fill' sampling. Remington &

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Vernick proposed no further actions for these AOCs, however, recommended that they be addressed prior to redevelopment through the implementation of Engineering and Institutional Controls (i.e., a Deed Notice and capping).

Recommendations

To comply with requirements of NJDEP's August 24, 2005 correspondence, CRA proposes to address historic fill in these areas by implementing a Deed Notice and placing a cap over the contaminated materials in accordance with NJDEP requirements and consistent with the final site redevelopment plans. A draft Deed Notice will be submitted to NJDEP for review and approval prior filing with the county.

9.5 GROUNDWATER – AOC-B1/SITEWIDE

Findings

In September 2007, a groundwater screening investigation was conducted for AOC-B1 (the former 8,000-Gal. Diesel UST and Piping) to comply with the requirements of NJDEP's August 25, 2008 Comment Letter. The results of the groundwater screening indicated that concentrations of several PAH compounds plus VO and BN TICS were present in the sample at concentrations exceeding the GWQC. In addition, an intermittent sheen was noted on the purge water during the groundwater screening.

In accordance with the scope of work of the July 2008 workplan, monitoring well MW-4 was installed adjacent to the screening location (**Figure 8**) to confirm the groundwater contamination. Groundwater samples were collected from MW-4 on October 21 and December 15, 2008, using the low-flow purging and sampling method. The results of groundwater sampling indicated that volatile and semi-volatile organic compounds were not present in the initial or the confirmation samples at concentrations exceeding the GWQC. Although low levels of volatile vapors were detected in the headspace of the well prior to sampling, sheen or petroleum odors were not observed in the groundwater sample.

Recommendations

The details and results of the groundwater remedial investigation for AOC-B1 were reported to NJDEP in a *Groundwater Remedial Investigation Letter Report*, dated March 4, 2009. Based upon the results of the groundwater investigation, the RI Letter Report recommended a No Further Action for groundwater at the Site. In a February 1, 2010 correspondence, NJDEP approved the RI Letter Report.

Based upon the February 2010 Approval Letter and the information presented in this report, CRA hereby requests that a site-wide No Further Action for groundwater be granted for the ABC Barrel Company Site prior to initiating site redevelopment.

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9.6 REMEDIAL ACTION WORKPLAN/SITE REDEVELOPMENT

A Remedial Action Workplan (RAW) will be prepared for the ABC Barrel Company Site pursuant to the requirements of N.J.A.C. 7:26E-6.2. The RAW will detail the remedial approach for redevelopment of the Site and is anticipated to include a restricted use remedy for soils. The restricted use remedy would incorporate the use of Engineering and Institutional Controls that are consistent with the final site redevelopment plans. One option being considered by CRA is the removal of historic fill materials from all lots proposed for buildings with the remaining park area (to be owned by the city) capped with 2 feet of landscape materials/1 foot of concrete and asphalt surfaces.

TABLES

Table 1
Site Chronology
Camden Redevelopment Agency
ABC Barrel Company Site- 314 to 322 N. 2nd Street
Supplemental Remedial Investigation/Historic Remedial Action Report

Dates of Activity	Description of Activity
November 6, 1996	CERTIFICATE OF SALE AND ORDER OF DISMISSAL – TAX FORCLOSURE, Properties known as: 308-12 N. Front Street, Block 62, Lot 38, Camden NJ.; 314-322 N. Front Street, Block 62, Lot 45, Camden NJ.
March 1999	EHS ENVIRONMENTAL, INC. completes Phase I – Environmental Site Assessment for Cooper Grant Homes, 402-408, 414-420 N. 2 nd Street, 313-335 N. Front Street, Camden, NJ. 08102
April 20, 1999	REMINGTON & VERNICK ENGINEERS completes SI and submits Site Investigation Report – AABCO Steel Drum, Inc., Block 62, Lots 38 & 45: Block 65, Lot 103, Camden City, Camden County, NJ. (Case #95-9-14-1206-53)
July 2000	USEPA completed excavation and removal activities under CERCLA funding.
March 22, 2001	REMINGTON & VERNICK ENGINEERS submits Remedial Investigation Workplan – AABCO Steel Drum, Inc., Block 62, Lots 38 & 45: Block 65, Lot 103, Camden City, Camden County, NJ. Case #95-9-14-1206-53
Oct. 7, 2002	REMINGTON & VERNICK ENGINEERS submits Remedial Investigation Report for the AABCO Steel Drum, Inc., 308-322 North Front Street and 320 North 2 nd Street, City of Camden.
February 23, 2004	DEED recorded for the premises known as 307 N. 2 nd Street, Block 62, Lot 23, City of Camden and 308-312 N. Front Street, Block 62, Lot 38; premises known as 314-322 N. Front Street, Block 62, Lot 45, City of Camden. NJ...
February 2005	EMSL removes registered 8,000-Gal. Diesel Fuel UST and Piping (AOC-B3) was removed along with existing building foundations and slabs. Contaminated soils were stockpiled on-site.
February 10, 2006	EHS ENVIRONMENTAL, INC. AND COOPER GRANT DEVELOPERS, LLC submits Site Investigation Report for AOC-B1 308-322 N. Front Street, Camden City, Camden County, NJ. NJDEP TMW #C03-3522 NJDEP Facility ID#: 006594.
March 2006	EHS/REACT ENVIRONMENTAL completes remedial excavation and post-excavation samples for six (6) AOCs (AOCs B1, B3, C1, C6, G, and O) at the Site
March 3 and March 30-31, 2006	EHS removes 706.41 tons of non-hazardous waste from stockpiles at the Site; EHS removes 1110.68 tons of regulated waste from stockpiles generated during remedial action of AOC-A1, A3, C1, C6, G, and A.

Table 1
Site Chronology
Camden Redevelopment Agency
ABC Barrel Company Site- 314 to 322 N. 2nd Street
Supplemental Remedial Investigation/Historic Remedial Action Report

Dates of Activity	Description of Activity
April 10, 2006	EHS ENVIRONMENTAL, INC. AND COOPER GRANT DEVELOPERS, LLC submits soil disposal manifests associated various AOCs excavated at the Site (AOC-O, AOC-C, AOC-B1/B3, and AOC-G)
August 29, 2006	CRA receives Comment Letter from new NJDEP Case Manger concerning further remedial actions required for Site AOCs
March 8, 2007	CRA submits Remedial Investigation Workplan and receives approval from NJDEP in a Letter dated May 8, 2007
September 9, 2007	DRESDNER ROBIN conducts a groundwater screening investigation for AOC-B1 (former 8,000-gal. diesel UST and Piping)
June 8, 2007	CRA receives Approval Letter from NJDEP for HDSRF funding to conduct the first phase of groundwater investigation
August 5, 2007	CRA receives Approval Letter from NJDEP for HDSRF funding to complete the groundwater investigation for AOC-B1 and RI/RAR for the Site
October 7-21, 2008	DRESDNER ROBIN installs monitoring well MW-4, reconstructs existing wells MW-1, MW-2, and MW-3, and collects groundwater samples from MW-4
October 7, 2008	DRESDNER ROBIN conducts an OPRA File Search for the ABC Barrel Company Site, Block 63 Lots 38 and 45, to locate additional information pertaining to the historic remedial actions conducted at the Site.
December 15, 2008	DRESDNER ROBIN collects confirmation samples from MW-4 and conducts site wide groundwater monitoring
March 4, 2009	DRESDNER ROBIN submits Groundwater Investigation Letter Report for AOC-B1 to CRA and NJDEP
February 1, 2010	CRA receives NJDEP approval of the March 2009 Groundwater Investigation Letter Report

TABLE 2
SUMMARY OF AREAS OF CONCERN (AS OF 2006)
ABC BARREL COMPANY BLOCK 62 LOTS 38 & 45
CAMDEN REDEVELOPEMENT AGENCY
SUPPLEMENTAL REMEDIAL INVESTIGATION/HISTORIC REMEDIAL ACTION REPORT

<i>Area of Concern</i>	<i>AOC Description</i>	<i>AOC Location</i>	<i>Contaminants of Concern</i>	<i>Delineation Completed</i>	<i>Active Remediation Completed</i>	<i>NJDEP Requirements</i>	<i>Remedial Actions Completed/Proposed (as of 2006)</i>
AOC A1	Above Ground Waste Oil Tank	Inside Bldg. #1	None	N/A	N/A	None	No Further Action
AOC A2	Above Ground Treatment Tank	Inside Bldg. #1/Yard Area	None	N/A	N/A	None	No Further Action
AOC B1	8,000- Gal. Diesel UST & Piping	NE Side of Bldg. #2	TPHC	Yes	Yes	Groundwater Investigation	NFA - Soil Groundwater Investigation
AOC B2	1,000-Gal. Fuel Oil UST & Piping	NE Side of Bldg. #2	None	N/A	Yes	RIR/RAR	Tank Removal RIR/RAR Preparation
AOC B3	1,000-Gal. Liquid Waste UST	Adjacent to Bldg. 1	VOs, BNS, TPH Metals, phenol	Yes	Yes	RIR/RAR	RIR/RAR Preparation
<u>AOC C</u>							
AOC C1	Caustic Wash Area/Pipe Run/ Concrete Pit Area	Inside Bldg. #1	(see AOC B3)	(see AOC B3)	(see AOC B3)	(see AOC B3)	(see AOC B3)
AOC C2	Drum Rinse Area /Pipe Run/ Sediments/Concrete Pit Area	Inside Bldg. #1	VOs, BNs, metals	Yes	Yes	RIR/RAR	RIR/RAR Preparation
AOC C3	Drum Rinse Area /Concrete Pit Area	Inside Bldg. #1	BNs, metals	Yes	Yes	RIR/RAR	As Above
AOC C4	Caustic Wash Area /Sediments/ Concrete Pit Area	Inside Bldg. #1	VOs, BNs, metals, TPH	Yes	Yes	RIR/RAR	As Above
AOC C5	Drum Rinse Area/Sediments/ Concrete Pit Area	Inside Bldg. #1	BNs, metals	Yes	Yes	RIR/RAR	As Above
AOC C6	Pit Area	Inside Bldg. #2	BNs, metals	Yes	Yes	RIR/RAR	As Above
<u>AOCs D & K</u>							
AOC D1	Loading/Off Loading Area	Bldg. #1/near 2nd Street	BNs	Yes	No		RIR/RAR Preparation
AOC D2	Loading/Off Loading Area	Bldg. #1/Southwest side	BNs	Yes	No		RIR/RAR Preparation
AOC D3	Loading/Off Loading Area	Bldg. #2 /adjacent to AOC B1	(see AOC B1 - E/M & O)	(see AOC B1 - E/M & O)	(see AOC B1 - E/M & O)	(see AOC B1 - E/M & O)	(see AOC B1 - E/M & O)
AOCs E & M	Drum Storage/Yard Area	Various locations west of Bldgs. #1 & 2	BNs, pesticides metals, TPH	Yes	Yes	RIR/RAR	RIR/RAR Preparation
AOC F	Chemical Storage Cabinets/Closets	Inside Bldg. #1	None	N/A	N/A	None	No Further Action
AOC G	Floor Drain/Trench/Piping	Along south side of Bldg. #1	VOs, BNs, metals, TPH, phenol	Yes	Yes	RIR/RAR	RIR/RAR Preparation
AOC H	Roof Headers	Various locations	None	N/A	N/A	None	No Further Action
AOC I	Underground Piping	South of Bldg. #1	(see AOCs B-C-G & O)	(see AOCs B-C-G & O)	(see AOCs B-C-G & O)	(see AOCs B-C-G & O)	(see AOCs B-C-G & O)
AOC J	Spill Area	East side of Bldg. #1	None	N/A	N/A	None	No Further Action
AOC L	Boiler Room	Inside Bldg. #2	None	N/A	N/A	None	No Further Action
AOC N	Paint Booth	Mobile inside Bldg. #1	None	N/A	N/A	None	No Further Action
AOC O	Oil Water Separator & Assoc. Piping	Yard adjacent to Bldg. #1	VOs, BNs, metals, TPH, phenol	Yes	Yes	RIR/RAR	RIR/RAR Preparation
<u>AOC P</u>							
AOC P1	Elevator Pit	Bldg. #1/southwest side	metals	Yes	Unknown	RIR/RAR	RIR/RAR Preparation
AOC P2	Elevator Pit	Bldg. #1/northeast side	None	N/A	N/A	None	No Further Action
AOC Q	Lead Based Paint	Various locations	metals	N/A	Yes	None	No Further Action
AOC R	Asbestos Containing Materials	Various locations	particulates	N/A	Yes	None	No Further Action
AOC S	Non-Contact Cooling Water	Various locations	(see AOC E & M)	(see AOC E & M)	(see AOC E & M)	(see AOC E & M)	(see AOC E & M)
N/A	Historic Fill	Entire Site (0 to 12 ft. deep)	BNs, metals	Yes	No (see Note 1)	Engineering and Institutional Controls	Remedial Action Workplan

TPH = Total Petroleum Hydrocarbons

BN = Base Neutrals

VO = Volatile Organics

Note: Summary of AOC's is based upon review of NJDEP's April 6, 2006 Correspondence (See Appendix A)

RIR = Remedial Investigation Report

RAR = Remedial Action Report

CEA = Classification Exception Area

TABLE 3
Summary of Post-Excavation Soil Sampling Program – March 2006
Camden Redevelopment Agency
ABC Barrel Company Site- 314 to 322 N. 2nd Street
Camden, Camden County, New Jersey
Supplemental Remedial Investigation/Historic Remedial Action Report

<i>Area of Concern/ Sample</i>	<i>REPSG AOC No.</i>	<i>Depth of Sample</i>	<i>Sampling Method</i>	<i>Sample Analysis</i>	<i>Constituents Exceeding NJ SCC</i>
<i>AOC-B1- <u>8,000-Gal.Diesel UST</u></i>	AOC-004	<i>(feet)</i>			
PE-004		12	Grab	TPH Volatiles organics Semi-volatile organics Lead Phenols	No
PE-005		12	Grab		
PE-006		12	Grab		
PE-007		12	Grab		
PE-008		12	Grab		
PE-009		12	Grab		
PE-015		12	Grab		
PE-016	12	Grab			
<i>AOC-B3- <u>1,000-Gal.Waste Oil UST</u></i>	AOC-005	10	Grab	TPH Volatiles organics Semi-volatile organics Lead Phenols	No
05-PE-001		10	Grab		
05-PE-002		10	Grab		
05-PE-003		10	Grab		
05-PE-004		10	Grab		
05-PE-005		10	Grab		
<i>AOC-C1- <u>Drum Rinsing Area</u></i>	AOC-002	6	Grab	TPH Volatiles organics Semi-volatile organics Lead Phenols	No
02-PE-001		6	Grab		
02-PE-002		6	Grab		
02-PE-003		6	Grab		
02-PE-004		6	Grab		
02-PE-005		6	Grab		
02-PE-006		6	Grab		
02-PE-007		6	Grab		
02-PE-008		6	Grab		
<i>AOC-C6- <u>Concrete Pit Area</u></i>	AOC-003	8	Grab	Semi-volatile organics	No
03-PE-001		8	Grab		
03-PE-002		8	Grab		
03-PE-003		8	Grab		
03-PE-004		8	Grab		
03-PE-005	8	Grab			

REPSG- React Environmental Professional Services Group, Inc.

TPH- Total Petroleum Hydrocarbons by EPA Method 418.1

Volatiles Organic Compounds by EPA Method 8260B

Semi-volatile Organic Compounds by EPA Method 8270B

Phenols by Method 9065

NJ-SCC- NJDEP Residential and Non-Residential Direct Contact Soil Cleanup Criteria (RDCSCC/NRDCSCC)

TABLE 3
Summary of Post-Excavation Soil Sampling Program – March 2006
Camden Redevelopment Agency
ABC Barrel Company Site- 314 to 322 N. 2nd Street
Camden, Camden County, New Jersey
Supplemental Remedial Investigation/Historic Remedial Action Report

<i>Area of Concern/ Sample</i>	<i>REPSG AOC No.</i>	<i>Depth of Sample</i>	<i>Sampling Method</i>	<i>Sample Analysis</i>	<i>Constituents Exceeding NJ SCC</i>
<i>AOC-O- Oil/Water Separator</i>	AOC-001	(feet)			
PE-001		0.5	Grab	TPH Volatiles organics Semi-volatile organics Lead Phenols	No
PE-002		0.5	Grab		
PE-003		0.5	Grab		
PE-010		0.5	Grab		
PE-011		0.5	Grab		
PE-012		0.5	Grab		
PE-013		0.5	Grab		
<i>AOC-G- Floor Drain/Trench Area-</i>	AOC-006				
06-PE-001		6	Grab	TPH Volatiles organics Semi-volatile organics Lead Phenols	Yes (see Note 1)
06-PE-002		6	Grab		
06-PE-003		6	Grab		
06-PE-004		6	Grab		
06-PE-005		6	Grab		
06-PE-006		6	Grab		
06-PE-007		6	Grab		
06-PE-008		6	Grab		
06-PE-009		6	Grab		
06-PE-010		6	Grab		

REPSG- React Environmental Professional Services Group, Inc.

TPH- Total Petroleum Hydrocarbons by EPA Method 418.1

Volatile Organic Compounds by EPA Method 8260B

Semi-volatile Organic Compounds by EPA Method 8270B

Phenols by Method 9065

NJ-SCC- NJDEP Residential and Non-Residential Direct Contact Soil Cleanup Criteria (RDCSCC/NRDCSCC)

Note:

1) Tetrachloroethene (PCE) was detected slightly above the NJDEP most stringent Soil Cleanup Criteria

2) Based upon the available historic data, post-excavation sampling was not conducted beneath the AOC-B2 following removal.

Table 4
Summary of Excavation and Disposal Activities
Camden Redevelopment Agency
ABC Barrel Company Site – 314 to 322 N. 2nd Street
City of Camden, New Jersey
Supplemental Remedial Investigation/Historic Remedial Action Report

Area of Concern	Dates of Removal/ Post-Excavation Sampling	Area/Depth of Excavation	Excavation/ Disposal Volumes	Contaminated Soil Disposal Date/ Facility
<u>AOC-B1</u> 8,000-Gal. Diesel UST and Piping	Removed/Sampled 2/2/05 to 2/3/05 (resampled 3/31/06)	1500 sq.ft. 12 ft. deep	667 cy	3/3/06 Soil Safe Inc.
<u>AOC-B2</u> 1,000-Gal. Fuel Oil UST and piping	Removed Feb.2005 (not sampled)	(see Note 3)	Unknown	3/3/06 Soil Safe Inc.
<u>AOC-B3</u> 1,000-Gal. Liquid Waste UST	Removed Feb.2005/ Sampled March 31, 2006	190 sq.ft. 10 ft. deep	70 cy	3/3/06 Soil Safe Inc.
<u>AOC-C1 to C5</u> Caustic Wash Drum Rinsing Pit Area (Bldg. No. 1)	Removed Feb. 2005/ Sampled March 31, 2006	1080 sq.ft. 6 ft. deep	240 cy	3/30/06 to 3/31/06 Soil Safe, Inc.
<u>AOC-C6</u> Concrete Pit Area (Bldg. No. 2)	Removed Feb. 2005/ Sampled March 31, 2006	190 sq.ft. 8 ft. deep	56 cy	3/30/06 to 3/31/06 Soil Safe, Inc.
<u>AOC-G</u> Floor Drain/Trench/ Piping Area	Removed Feb. 2005/ Sampled March 31, 2006	1200 sq.ft. 6 ft. deep	267 cy	3/30/06 to 3/31/06 Soil Safe, Inc.
<u>AOC-O</u> Oil Water Separator	Removed Feb. 2005/ Sampled March 31, 2006	2700 sq.ft. 0.5 ft. deep	20 cy	3/30/06 to 3/31/06 Soil Safe, Inc.
TOTALS;			1300 cy	

REPSG- React Environmental Professional Services Group, Inc.

sq. ft.=square feet cy=cubic yards

Notes:

- 1) The contaminated soil was disposed as non-hazardous waste at Soil Safe Facility, located at 378 Route 130, Bridgeport, Logan County, New Jersey.
- 2) An additional 30 cy of contaminated soil at AOC-O was removed during excavation for AOC-B1 and is included in the total for AOC-B1.
- 3) Based upon the available historic records, AOC-B1 and AOC-B3 were removed on or about the time AOC-B1 was remediated.

TABLE 5
Groundwater Sampling Summary – Oct. and Dec. 2008
Camden Redevelopment Agency
ABC Barrel Site, 314-322 N. Front Street, Camden NJ
Supplemental Remedial Investigation/Historic Remedial Action Report

<i>Sample Name</i>	<i>Date of Sampling</i>	<i>Type of Sample</i>	<i>Sampling Method</i>	<i>Type of Analysis</i>
<u>Block 62</u> <u>Lots 38/44</u> MW-4 Replicate (Rep) Field Blank Trip Blank	October 21, 2008	Groundwater Groundwater Aqueous	Low Flow Low Flow NA NA	TCL-VO+10 TCL-BN+15
<u>Block 62</u> <u>Lots 38/44</u> MW-4 Replicate (Rep) Field Blank Trip Blank	December 15, 2008	Groundwater Groundwater Aqueous	Low Flow Low Flow NA NA	TCL-VO+10 TCL-BN+15

TCL – Target Compound List

VO+10= Volatile Organic Compounds by SW846 8260B

BN+15= Semi Volatile Organic Compounds by SW 846 8270/8270 by SIM

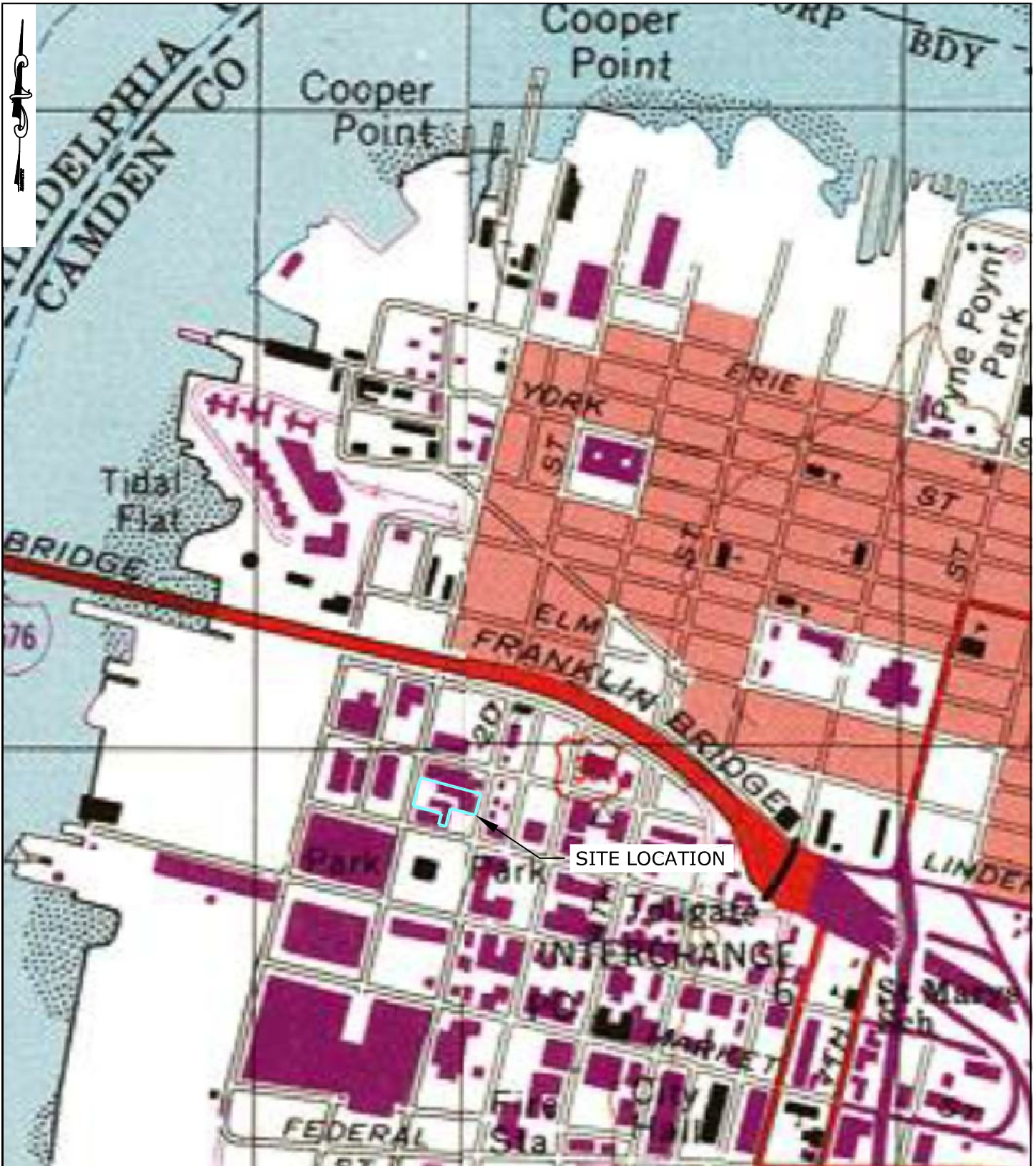
Table 6
Groundwater Analytical Results- October 21, 2008
Camden Redevelopment Agency
ABC Barrel Site, 314-322 N. Front Street, Camden, NJ
Supplemental Remedial Investigation/Historic Remedial Action Report

Sample ID: Laboratory Sample ID: Sampling Date: Dilution Factor(s): Sampling Depth (feet): Matrix:	NJDEP Ground Water Criteria	MW-4	MW-4 REPLICATE (REP)	FB-1	TRIP BLANK
		JA3653-1 10/21/2008 1	JA3653-4 10/21/2008 1	JA3653-2 10/21/2008 1	JA3653-3 10/21/2008 1
		Ground Water	Ground Water	Field Blank Water	Trip Blank Water
GC/MS Volatiles (ppb) (SW846 8260B)					
Acetone	6000	2.1 U	2.1 U	2.1 U	2.1 U
Benzene	1	0.26 U	0.26 U	0.26 U	0.26 U
Bromodichloromethane	1	0.14 U	0.14 U	0.14 U	0.14 U
Bromoform	4	0.18 U	0.18 U	0.18 U	0.18 U
Bromomethane	10	0.32 U	0.32 U	0.32 U	0.32 U
2-Butanone (MEK)	300	2.3 U	2.3 U	2.3 U	2.3 U
Carbon disulfide	700	0.16 U	0.16 U	0.16 U	0.16 U
Carbon tetrachloride	1	0.18 U	0.18 U	0.18 U	0.18 U
Chlorobenzene	50	0.19 U	0.19 U	0.19 U	0.19 U
Chloroethane	NS	0.22 U	0.22 U	0.22 U	0.22 U
Chloroform	70	0.16 U	0.16 U	0.16 U	0.16 U
Chloromethane	NS	0.29 U	0.29 U	0.29 U	0.29 U
Dibromochloromethane	1	0.16 U	0.16 U	0.16 U	0.16 U
1,1-Dichloroethane	50	0.24 U	0.24 U	0.24 U	0.24 U
1,2-Dichloroethane	2	0.35 U	0.35 U	0.35 U	0.35 U
1,1-Dichloroethene	1	0.29 U	0.29 U	0.29 U	0.29 U
cis-1,2-Dichloroethene	70	0.25 U	0.25 U	0.25 U	0.25 U
trans-1,2-Dichloroethene	100	0.16 U	0.16 U	0.16 U	0.16 U
1,2-Dichloroethene (total)	70	0.16 U	0.16 U	0.16 U	0.16 U
1,2-Dichloropropane	1	0.18 U	0.18 U	0.18 U	0.18 U
cis-1,3-Dichloropropene	NS	0.18 U	0.18 U	0.18 U	0.18 U
trans-1,3-Dichloropropene	NS	0.15 U	0.15 U	0.15 U	0.15 U
Ethylbenzene	700	0.27 U	0.27 U	0.27 U	0.27 U
2-Hexanone	NS	1.7 U	1.7 U	1.7 U	1.7 U
4-Methyl-2-pentanone(MIBK)	NS	1.3 U	1.3 U	1.3 U	1.3 U
Methylene chloride	3	0.16 U	0.16 U	0.16 U	0.16 U
Styrene	100	0.17 U	0.17 U	0.17 U	0.17 U
1,1,2,2-Tetrachloroethane	1	0.13 U	0.13 U	0.13 U	0.13 U
Tetrachloroethene	1	0.29 U	0.29 U	0.29 U	0.29 U
Toluene	600	0.15 U	0.15 U	0.15 U	0.15 U
1,1,1-Trichloroethane	30	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	3	0.17 U	0.17 U	0.17 U	0.17 U
Trichloroethene	1	0.18 U	0.18 U	0.18 U	0.18 U
Vinyl chloride	1	0.21 U	0.21 U	0.21 U	0.21 U
Xylene (total)	1000	0.39 U	0.39 U	0.39 U	0.39 U
TOTAL TARGETED GC/MS Volatiles (ppb)		0	0	0	0
Total TIC, Volatile	NS	0	0	0	0
TOTAL NON-TARGETED GC/MS Volatiles (ppb)	NS	0	0	0	0
TOTAL GC/MS Volatiles (ppb)		0	0	0	0


Table 7
Groundwater Analytical Results - December 15, 2008
Camden Redevelopment Agency
ABC Barrel Site, 314-322 N. Front Street, Camden, NJ
Supplemental Remedial Investigation/Historic Remedial Action Report

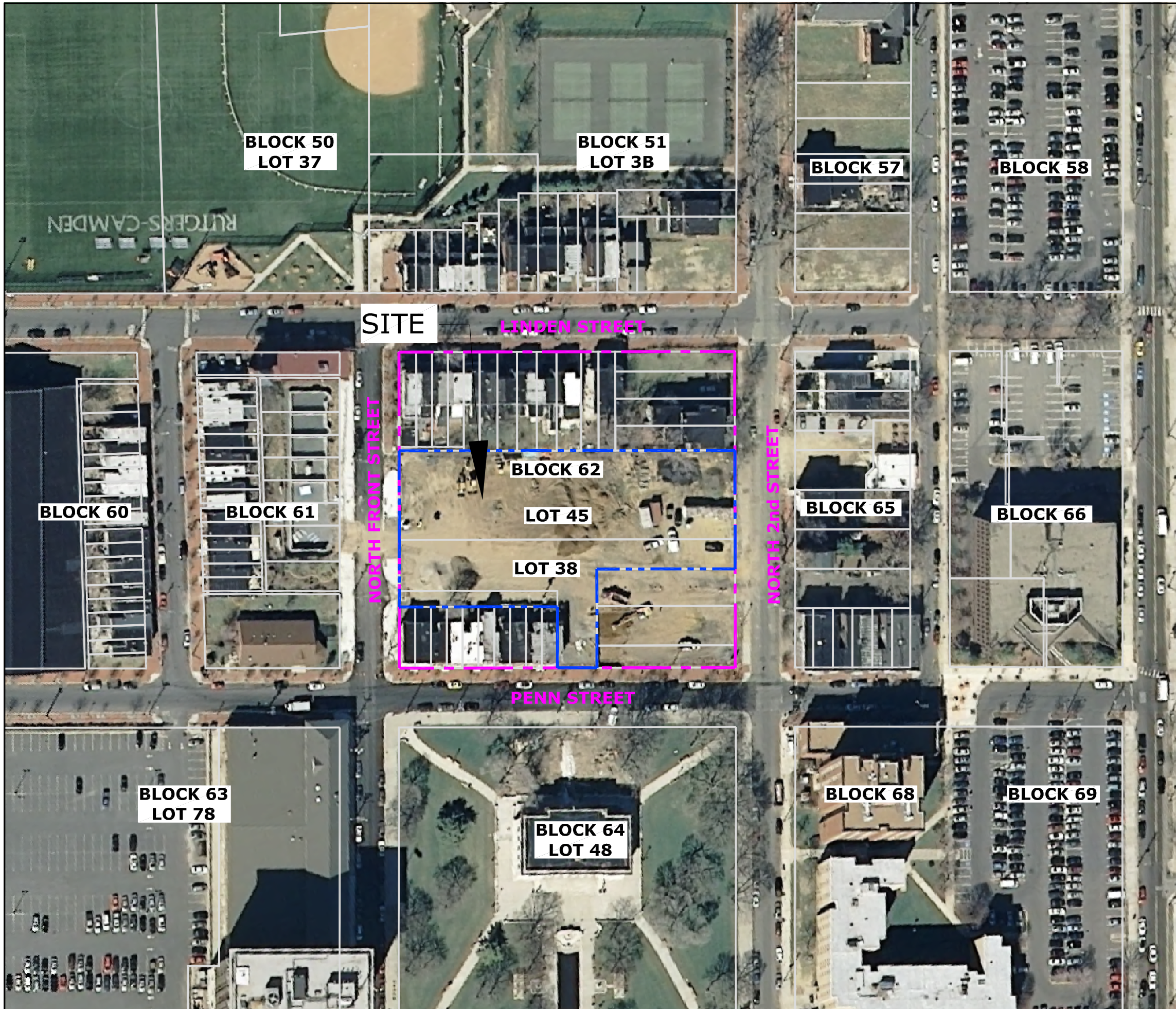
Sample ID: Laboratory Sample ID: Sampling Date: Dilution Factor(s): Sampling Depth (feet): Matrix:	Ground Water Criteria	MW-4 JA8234-1 12/15/2008 1 Ground Water	REP121508 JA8234-2 12/15/2008 1 Ground Water	FB121508 JA8234-3 12/15/2008 1 Field Blank Water	TB121508 JA8234-4 12/15/2008 Trip Blank Water
GC/MS Semi-volatiles (ppb) (SW846 8270C BY SIM)					
Acenaphthene	400	0.016 U	0.016 U	0.025 U	NA
Acenaphthylene	NS	0.0071 U	0.0072 U	0.011 U	NA
Anthracene	2000	0.021 U	0.022 U	0.032 U	NA
Benzo(a)anthracene	0.1	0.034 U	0.035 U	0.052 U	NA
Benzo(a)pyrene	0.1	0.036 U	0.037 U	0.055 U	NA
Benzo(b)fluoranthene	0.2	0.017 U	0.018 U	0.026 U	NA
Benzo(g,h,i)perylene	NS	0.012 U	0.012 U	0.018 U	NA
Benzo(k)fluoranthene	0.5	0.019 U	0.019 U	0.029 U	NA
Chrysene	5	0.018 U	0.018 U	0.027 U	NA
Dibenzo(a,h)anthracene	0.3	0.021 U	0.021 U	0.031 U	NA
Fluoranthene	300	0.0098 U	0.0099 U	0.015 U	NA
Fluorene	300	0.020 U	0.020 U	0.030 U	NA
Hexachlorobenzene	0.02	0.010 U	0.010 U	0.015 U	NA
Indeno(1,2,3-cd)pyrene	0.2	0.015 U	0.015 U	0.022 U	NA
Naphthalene	300	0.014 U	0.014 U	0.021 U	NA
Phenanthrene	NS	0.017 U	0.018 U	0.026 U	NA
Pyrene	200	0.012 U	0.012 U	0.019 U	NA
TOTAL TARGETED GC/MS Semi-volatiles (ppb)		0	0	0	0

FIGURES



Source: USGS Map 2002

 DRESDNER ROBIN <small>Engineering • Environmental • Planning • Surveying • Landscape Architecture</small>	<p>REGIONAL SITE LOCATION MAP</p>	<p>Scale: Not to Scale</p>
	<p>ABC BARREL COMPANY SITE, CAMDEN REDEVELOPMENT AGENCY SUPPLEMENTARY REMEDIAL INVESTIGATION / HISTORIC REMEDIAL ACTION REPORT</p>	<p>Job Number: Q:\Env\Env.Manage. Group\B904-01 CRA - ABC Barrel Co RI-RAR</p> <p>File: Figures</p> <p>Date: 07/02/10</p> <p>DWG Number:</p>
<p>371 WARREN STREET JERSEY CITY, NEW JERSEY 07302 (201) 217-9200</p>	<p>308-322 NORTH FRONT STREET CAMDEN, CAMDEN COUNTY, NEW JERSEY</p>	<p>1</p>



LEGEND

- Block Boundary
- Property Line
- Lot Line



SOURCE:
TOPOGRAPHIC & BOUNDARY SURVEY
PREPARED BY USGS MAP
DATE: 2007



PROJECT: ABC BARREL COMPANY SITE,
CAMDEN REDEVELOPMENT AGENCY
SUPPLEMENTARY REMEDIAL INVESTIGATION /
HISTORIC REMEDIAL ACTION REPORT

LOCATION:
308-322 NORTH FRONT STREET
CAMDEN, CAMDEN COUNTY, NEW JERSEY

DRAWING TITLE:
AERIAL PHOTOGRAPH OF SITE

DRESDNER ROBIN
371 WARREN STREET, JERSEY CITY, NEW JERSEY, 07302

DRAWN BY:	PA	JOB NUMBER: G:\Envi\Env Manage Group\2008-01-01\2008-ABC Barrel Co
CHECKED BY:	RG	FILE: Draft RAR/FIGURES
DATE:	07/02/10	DWG. NUMBER:
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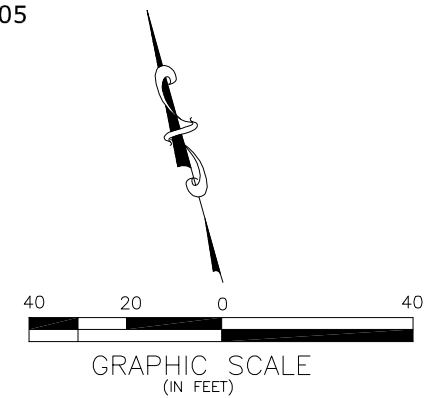


LEGEND

- Block Boundary
- Property Line
- Former Building
- AOC** Area of Concern
- Existing Monitoring Well Installed

AREA OF CONCERN		
No.:	DESCRIPTION	LOCATION
AOC B1	8,000- Gal. Diesel UST & Piping	NE Side of Bldg. #2
AOC B2	1,000-Gal. Fuel Oil UST & Piping	NE Side of Bldg. #2
AOC B3	1,000-Gal. Liquid Waste UST	Adjacent to Bldg. #1
AOC C		
AOC C1	Caustic Wash Area/Pipe Run/ Concrete Pit Area	Inside Bldg. #1
AOC C2	Drum Rinse Area /Pipe Run/Sediments/Concrete Pit Area	Inside Bldg. #1
AOC C3	Drum Rinse Area /Concrete Pit Area	Inside Bldg. #1
AOC C4	Caustic Wash Area /Sediments/ Concrete Pit Area	Inside Bldg. #1
AOC C5	Drum Rinse Area/Sediments/ Concrete Pit Area	Inside Bldg. #1
AOC C6	Pit Area	Inside Bldg. #2
AOCs D & K		
AOC D1	Loading/Off Loading Area	Bldg. #1/near 2nd Street
AOC D2	Loading/Off Loading Area	Bldg. #1/Southwest side
AOC D3	Loading/Off Loading Area	Bldg. #2 /adjacent to AOC B1
AOCs E & M	Drum Storage/Yard Area	Various locations west of Bldg. #1 & 2
AOC G	Floor Drain/Trench/Piping	Along south side of Bldg. #1
AOC I	Underground Piping	South of Bldg. #1
AOC O	Oil Water Separator & Assoc. Piping	Yard adjacent to Bldg. #1
AOC P		
AOC P1	Elevator Pit	Bldg. #1/southwest side
AOC P2	Elevator Pit	Bldg. #1/northeast side
N/A	Historic Fill (see Note 1)	Entire Site (0 to 12 ft. deep)

SOURCE:
TOPOGRAPHIC & BOUNDARY SURVEY
PREPARED BY USGS MAP
DATE: 2005



PROJECT: ABC BARREL COMPANY SITE,
CAMDEN REDEVELOPMENT AGENCY
SUPPLEMENTARY REMEDIAL INVESTIGATION /
HISTORIC REMEDIAL ACTION REPORT

LOCATION:
308-322 NORTH FRONT STREET
CAMDEN, CAMDEN COUNTY, NEW JERSEY

DRAWING TITLE:
SITE PLAN / AREAS OF CONCERN

DRESDNER ROBIN
371 WARREN STREET, JERSEY CITY, NEW JERSEY, 07302

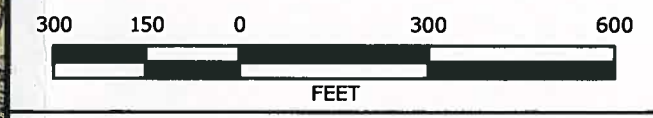
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DATE:	07/02/10	DWG. NUMBER:	
SCALE:	AS SHOWN		



Legend

- PROPERTY LINE
- BLOCK LINE

NOTE: NO PUBLIC SUPPLY WELLS DEPICTED WITHIN THE EXTENT OF THIS MAP.



PROJECT:
**REMEDIAL INVESTIGATION
 ABC BARREL COMPANY SITE,
 CAMDEN REDEVELOPMENT AGENCY**

LOCATION:
**308-322 NORTH FRONT STREET
 CAMDEN, CAMDEN COUNTY, NEW JERSEY**

DRAWING TITLE:
PUBLIC SUPPLY WELL



DRAWN BY: J.S.V	JOB NUMBER: B-904-03
CHECKED BY: R.G	FILE: PSW
DATE: 08/21/09	DWG. NUMBER: 4
SCALE: 1 inch equals 300 feet	

371 WARREN STREET, JERSEY CITY, NEW JERSEY, 07302



Legend

- Block Line
- Property Line
- Residential
- Commercial
- Industrial
- Transportation
- Mixed Use
- Miscellaneous Built Land
- Recreation
- Vacant



PROJECT:
**REMEDIAL INVESTIGATION
 ABC BARREL COMPANY SITE,
 CAMDEN REDEVELOPMENT AGENCY**

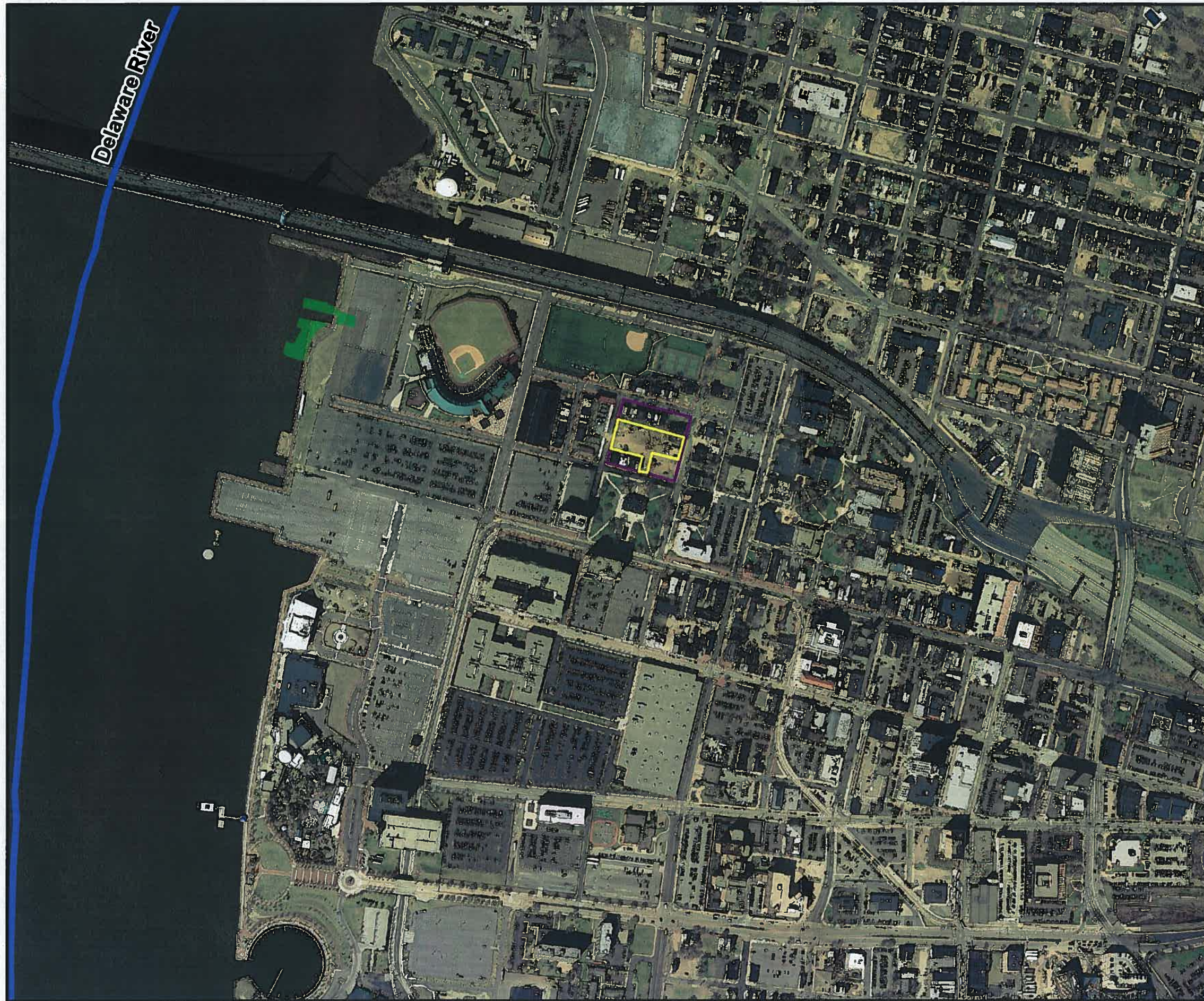
LOCATION:
**308-322 NORTH FRONT STREET
 CAMDEN, CAMDEN COUNTY, NEW JERSEY**

DRAWING TITLE:
LANDUSE MAPPING



371 WARREN STREET, JERSEY CITY, NEW JERSEY, 07302

DRAWN BY: J.S.V	JOB NUMBER: B-904-03
CHECKED BY: R.G	FILE: LANDUSE
DATE: 08/21/09	DWG. NUMBER: 5
SCALE: 1 inch equals 200 feet	



Legend

- BLOCK LINE
- PROPERTY LINE
- SURFACE WATER
- WETLANDS



PROJECT:
**REMEDIAL INVESTIGATION
 ABC BARREL COMPANY SITE,
 CAMDEN REDEVELOPMENT AGENCY**

LOCATION:
**308-322 NORTH FRONT STREET
 CAMDEN, CAMDEN COUNTY, NEW JERSEY**

DRAWING TITLE:
SURFACE WATER BODIES AND WETLANDS

DRESDNER ROBIN
 Engineering - Environmental - Planning - Surveying - Landscape Architecture
 371 WARREN STREET, JERSEY CITY, NEW JERSEY, 07302

DRAWN BY: J.S.V	JOB NUMBER: B-904-03
CHECKED BY: R.G	FILE: SWWET
DATE: 08/21/09	DWG. NUMBER: 6
SCALE: 1 inch equals 500 feet	



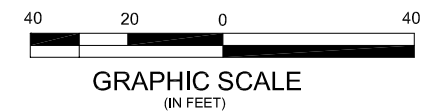
LEGEND

- - - - Block Boundary
- - - - Property Line
- Former Building
- AOC** Area of Concern

Area of Concern - Excavation Area	REPSG AOC No.	Description
AOC-B1	AOC-004	8,000-Gal. Diesel UST & Piping
AOC-B3	AOC-005	1,000-Gal. Liquid Waste UST
AOC-C1-C5	AOC-002	Drum Rinsing Area (Bldg. No. 1)
AOC-C6	AOC-003	Concrete Pit Area (Bldg. No. 2)
AOC-G	AOC-006	Floor Drain/Trench/Piping Area
AOC-O	AOC-001	Oil Water Separator & Piping



SOURCE:
 COOPER GRANT PROJECT; FRONT STREET,
 CAMDEN, NJ; PROJECT NO. 7254-002; REACT
 ENVIRONMENTAL SERVICE GROUP, INC., MAY
 2006

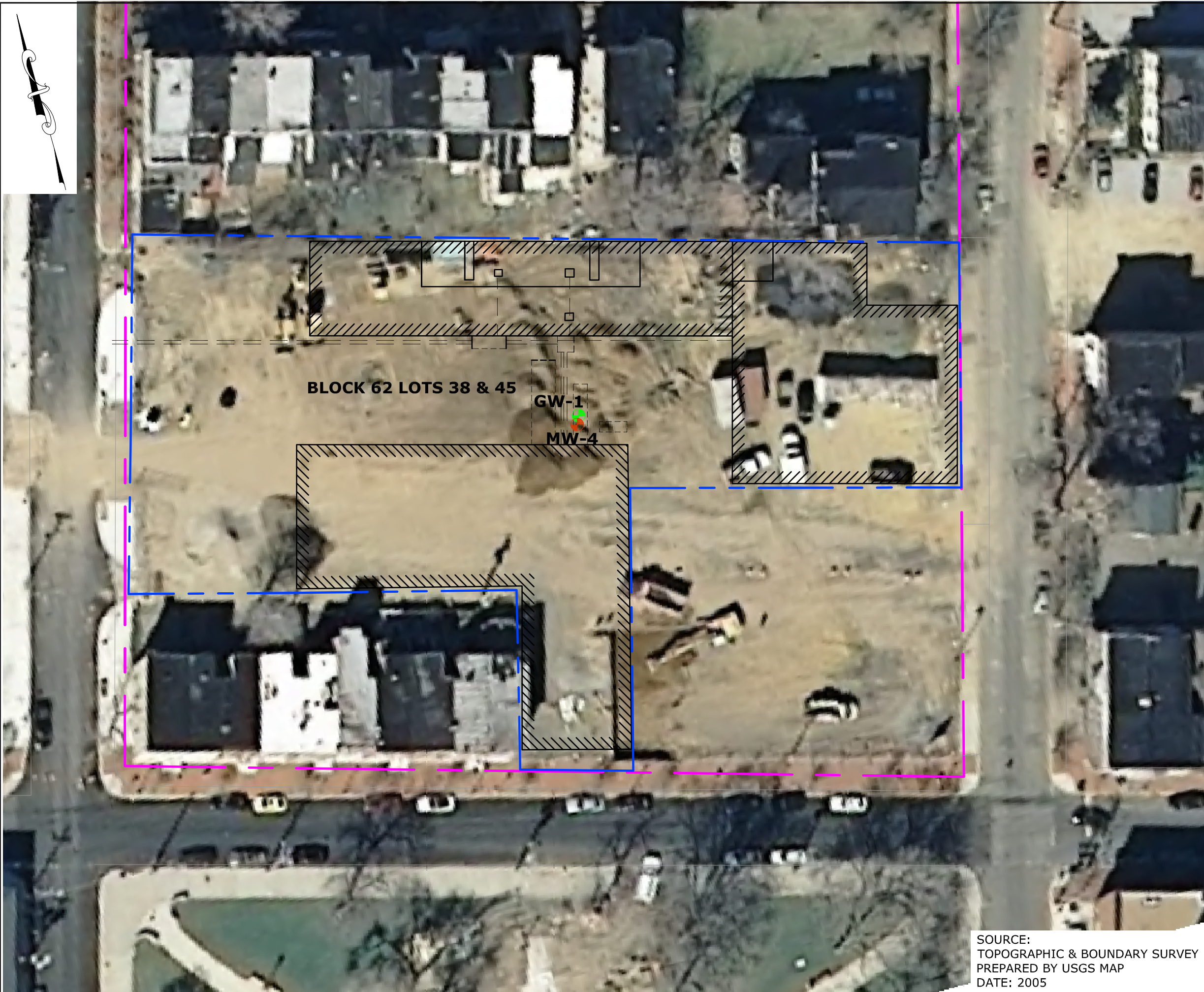


PROJECT: ABC BARREL COMPANY SITE,
 CAMDEN REDEVELOPMENT AGENCY
 SUPPLEMENTARY REMEDIAL INVESTIGATION /
 HISTORIC REMEDIAL ACTION REPORT






LOCATION:
 308-322 NORTH FRONT STREET
 CAMDEN, CAMDEN COUNTY, NEW JERSEY

DRAWING TITLE:
 RECORD OF HISTORIC REMEDIAL ACTIVITIES
 (MARCH 2006)

DRAWN BY:	PA	JOB NUMBER:	G:\Eny\Env Manage Group\308-322\308-ABC Barrel Co
CHECKED BY:	RG	FILE:	Draft RAR/FIGURES
DATE:	07/02/10	DWG. NUMBER:	7
SCALE:	AS SHOWN		



LEGEND

-  Block Boundary
-  Property Line
-  Former Building
-  Confirmation Monitoring Well, installed Oct. 2008
-  Former Groundwater Screening Location, Sept. 9, 2007

BLOCK 62 LOTS 38 & 45

GW-1

MW-4

MW-4 Coordinates
 E 316939.521
 N 407063.525




GRAPHIC SCALE
(IN FEET)

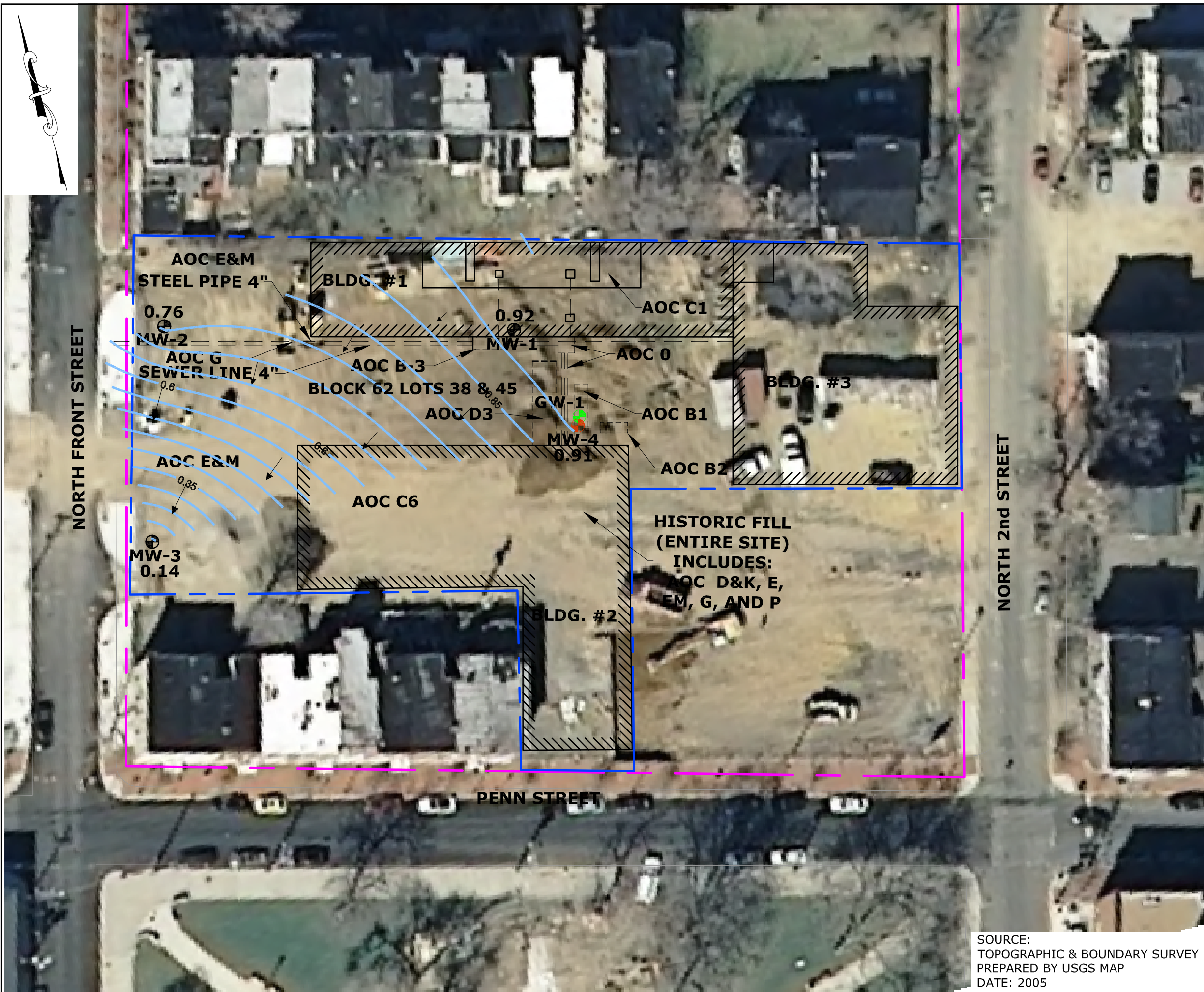
PROJECT: **ABC BARREL COMPANY SITE,
 CAMDEN REDEVELOPMENT AGENCY
 SUPPLEMENTARY REMEDIAL INVESTIGATION /
 HISTORIC REMEDIAL ACTION REPORT**

LOCATION: **308-322 NORTH FRONT STREET
 CAMDEN, CAMDEN COUNTY, NEW JERSEY**

DRAWING TITLE:
LOCATION OF SCREENING SAMPLE AND MW-4

SOURCE:
 TOPOGRAPHIC & BOUNDARY SURVEY
 PREPARED BY USGS MAP
 DATE: 2005

 DRESDNER ROBIN <i>Engineering, Environmental, Planning and Surveying</i> <small>371 WARREN STREET, JERSEY CITY, NEW JERSEY, 07302</small>	<small>DRAWN BY:</small> PA	<small>JOB NUMBER:</small> Q:\Env_Manage_Group\B-904-03
	<small>CHECKED BY:</small> RG	<small>FILE:</small> Draft RAR /Figures
	<small>DATE:</small> 07-08-10	<small>DWG. NUMBER:</small> 8
	<small>SCALE:</small> AS SHOWN	



LEGEND

- Block Boundary
- Property Line
- Former Building
- Area of Concern
- Existing Monitoring Well
- Confirmation Monitoring Well, installed Oct. 2008
- Former Groundwater Screening Location, Sept. 9, 2007
- Inferred Line of Equal Ground Water Elevation
- Ground Water Elevation (ft. amsl)
- Approximate Direction of Groundwater Flow

No.:	DESCRIPTION	LOCATION
AOC B1	8,000- Gal. Diesel UST & Piping	NE Side of Bldg. #2
AOC B2	1,000-Gal. Fuel Oil UST & Piping	NE Side of Bldg. #2
AOC B3	1,000-Gal. Liquid Waste UST	Adjacent to Bldg. 1
AOC C		
AOC C1	Caustic Wash Area/Pipe Run/Concrete Pit Area	Inside Bldg. #1
AOC C2	Drum Rinse Area /Pipe Run/Sediments/Concrete Pit Area	Inside Bldg. #1
AOC C3	Drum Rinse Area /Concrete Pit Area	Inside Bldg. #1
AOC C4	Caustic Wash Area /Sediments/Concrete Pit Area	Inside Bldg. #1
AOC C5	Drum Rinse Area/Sediments/Concrete Pit Area	Inside Bldg. #1
AOC C6	Pit Area	Inside Bldg. #2
AOCs D & K		
AOC D1	Loading/Off Loading Area	Bldg. #1/near 2nd Street
AOC D2	Loading/Off Loading Area	Bldg. #1/Southwest side
AOC D3	Loading/Off Loading Area	Bldg. #2 /adjacent to AOC B1
AOCs E & M	Drum Storage/Yard Area	Various locations west of Bldg.. #1 & 2
AOC G	Floor Drain/Trench/Piping	Along south side of Bldg. #1
AOC I	Underground Piping	South of Bldg. #1
AOC O	Oil Water Separator & Assoc. Piping	Yard adjacent to Bldg. #1
AOC P		
AOC P1	Elevator Pit	Bldg. #1/southwest side
AOC P2	Elevator Pit	Bldg. #1/northeast side
N/A	Historic Fill (see Note 1)	Entire Site (0 to 12 ft. deep)

MW-4 Coordinates
 E 316939.521
 N 407063.525



PROJECT: ABC BARREL COMPANY SITE,
 CAMDEN REDEVELOPMENT AGENCY
 SUPPLEMENTARY REMEDIAL INVESTIGATION /
 HISTORIC REMEDIAL ACTION REPORT

LOCATION: 308-322 NORTH FRONT STREET
 CAMDEN, CAMDEN COUNTY, NEW JERSEY

DRAWING TITLE: GROUNDWATER ELEVATION CONTOURS
 (OCTOBER 2008)

SOURCE:
 TOPOGRAPHIC & BOUNDARY SURVEY
 PREPARED BY USGS MAP
 DATE: 2005

 DRESDNER ROBIN <i>Engineering, Environmental, Planning and Surveying</i> <small>371 WARREN STREET, JERSEY CITY, NEW JERSEY, 07302</small>	DRAWN BY:	PA	JOB NUMBER:	Q:\Env_Manage_Group\B-904-03
	CHECKED BY:	RG	FILE:	Draft RAR/Figures
	DATE:	07-08-10	DWG. NUMBER:	9
	SCALE:	AS SHOWN		

APPENDICES

APPENDIX A
NJDEP Correspondence

**State of New Jersey****DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Division of Remediation Management and Response

Bureau of Southern Field Operations

P.O. Box 407

Trenton, New Jersey 08625-0407

(609) 584-4150

(609) 584-4170 - Fax

JON S. CORZINE
GovernorLISA P. JACKSON
Commissioner

April 6, 2006

Arijit De
Camden Redevelopment Agency
City Hall – Suite 1300
520 Market Street
Camden, NJ 08101

Re: ABC Barrel Company (a.k.a. AA3CO Steel Drum Site)
Block: 62; Lots: 38 & 45 and Block: 65; Lot: 103
314-322 North Front Street, Camden City, Camden County,
Case #: 95-09-14-1206-53; UST Registration #: 006594

Dear Mr. De:

The New Jersey Department of Environmental Protection (Department) has reviewed the February 10, 2006 Site Investigation Report (report) which was prepared by ENVision, Inc. and documented the remedial activities associated with the removal of the 8,000 gallon diesel underground storage tank (tank) which had previously been identified as area of concern areas *AOC 1 – 8,000 Gallon Diesel Fuel Underground Storage Tank* at the above noted site.

Based upon the information contained within the report, the Department would like to make the following comments:

Soils

1. A review of the post excavation soil analytical data obtained following removal of the tank indicated that total petroleum hydrocarbons and volatile organic compounds were detected below the soil cleanup criteria developed for this site. Therefore, additional soil remedial activities are not required at this time for this AOC.
2. A review of the report indicated that the soil analytical data referenced in the report was not submitted in an electronic format as required by Section 3.13 of N.J.A.C. 7:26E. Therefore, please provide the electronic data disk for these samples.
3. The section 5.0 of the report indicated that the *soil excavated during removal of the tank was stockpiled at the site*. Please note that pursuant to N.J.A.C. 7:26-1.1, contaminated soils that are designated as non-hazardous may not be stockpiled for more than six (6) months, therefore, the stockpiled soils must be removed and properly disposed of from the site within 180 days of excavation unless a proposal to reuse the soils at the site, pursuant to

Section 6.2 of the Technical Requirements for Site Remediation the (N.J.A.C. 7:26E) is submitted to the Department for review and approval. Therefore, please advise the Department as to the fate of the stockpiled soils.

Ground Water

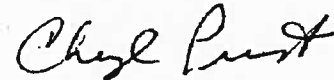
A review of the report did not indicate if ground water was encountered in the tank excavation or was within two (2) feet of the tank excavation; and if ground water was encountered what visual observations were made if any. Therefore, please provide this information.

General Comment

Since an Entire Site No Further Action (NFA) letter is desired and there continues to be several areas of concern at the above noted site that are still awaiting investigation and/or remediation, please be advised that the Department will not be issuing a formal NFA letter for *AOC 1 - 8,000 Gallon Diesel Fuel Underground Storage Tank* at this time.

If you have any questions concerning this matter, please contact me in writing at the above noted address or by telephone at (609) 584-4162.

Sincerely,



Cheryl Priest, HSMS II
Bureau of Southern Field Operations

c ENVisions
EHS Environmental
Cooper Grant Developers
Norma Santiago
file #04-08-58

EHS ENVIRONMENTAL, INC.

9 SOUTH MAIN STREET • MULICA HILL, NJ • 08062
856-223-0080 FAX 856-223-0885

April 21, 2006

Ms. Cheryl Priest, HSMS II
Bureau of Southern Field Operations
NJ Department of Environmental Protection
PO Box 407
Trenton, NJ 08625-0407

Re: ABC Barrel Company (a.k.a. AABCO Steel Drum Site)
Block: 62; Lots: 38 & 45 and Block: 65; Lot: 103
314-322 North Front Street, Camden City, Camden County,
Case #: 95-09-14-1206-53: UST Registration #: 006594

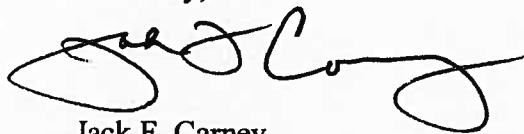
Dear Ms. Priest:

Enclosed please find copies of the disposal manifests as requested in your letter dated April 6, 2006. Envision is in the process of submitting the analytical data in an electronic format as required.

Also enclosed are the disposal manifests for the other areas of concern. This work was performed by React Environmental Professional Services Group, Inc. located at 6901 Kingsessing Avenue, Philadelphia, PA 19142 (Mr. Jon Buzan).

If you have any questions, please do not hesitate to contact me.

Sincerely,



Jack F. Carney
Project Coordinator

EHS ENVIRONMENTAL, INC.

9 SOUTH MAIN STREET • MULLICA HILL, NJ • 08062
856-223-0080 FAX 856-223-0885

June 20, 2006

Ms. Cheryl Priest
NJ Department of Environmental Protection
Division of Remediation Management and Response
PO Box 407
Trenton, NJ 08625-0407

Re: ABC Barrel Company (a.k.a. AABCO Steel Drum Site)

Dear Ms. Priest:

Enclosed please find the soil analytical data in an electronic format as required by Section 3.13 of N.J.A.C.7:26E and referenced in your letter dated April 6, 2006.

If you have any questions, please do not hesitate to contact me

Sincerely,



Jack F. Carney

Cc: Charles Lewis, Pennrose Properties, LLC



JON S. CORZINE
Governor

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Remediation Management and Response
Bureau of Southern Field Operations
P.O. Box 407
Trenton, New Jersey 08625-0407
(609) 584-4150
(609) 584-4170 - Fax

LISA P. JACKSON
Commissioner

August 24, 2006

Arijit De
Camden Redevelopment Agency
City Hall – Suite 1300
520 Market Street
Camden, NJ 08101

Re: ABC Barrel Company (a.k.a. AABCO Steel Drum Site)
Block: 62; Lots: 38 & 45 and Block: 65; Lot: 103
314-322 North Front Street, Camden City, Camden County,
Case #: 95-09-14-1206-53; UST Registration #: 006594

Dear Mr. De:

As a result of a new case manager being assigned to the site, a review of the information that was contained within the New Jersey Department of Environmental Protection (Department) file was conducted.

Based upon the information obtained from this file review, the Department would like to make comments on the following areas of concern (AOCs) that have been identified at the site:

Block: 65; Lot: 103

Historic information on this block and lot indicate that it has always been utilized for residential purposes. Since visual observations and a magnetic survey of this block and lot failed to identify any evidence of discharges or other areas of concern, additional soil remedial activities are not required at this time for this block and lot.

Block: 62; Lots: 38 & 45

AOC A1 – Above Ground Waste Oil Tank

This AOC was located inside of Building #1 on a concrete floor. Since visual observations made of the tank indicated no evidence of a discharge and the concrete floor was in good condition with no evidence of cracks, additional soil remedial activities are not required at this time for this AOC.

AOC A2 – Above Ground Water Treatment Tank

This AOC was located inside Building #1 near the yard area. Soil analytical data obtained from this AOC for Priority Pollutant + 40 (PP+40) total petroleum hydrocarbons (TPHC) and sodium indicate that compounds were detected below the Soil Cleanup Criteria. Since compounds were detected below the Soil Cleanup Criteria additional soil remedial activities are not required at this time for this AOC.

AOC B1 – 8,000 Gallon Diesel Underground Storage Tank & Associated Piping

This AOC was located on the northeast side of Building #2. Soil analytical data obtained from this AOC for PP+40 and TPHC laboratory analysis indicate that TPHC was detected above the Soil Cleanup Criteria.

Since TPHC was detected in excess of the Soil Cleanup Criteria, the tank and associated contaminated soils were removed on February 2, 2005 which was documented in the February 10, 2006 Site Investigation Report (report) that was prepared by ENVision, Inc. The ENVision report indicated that post excavation soil analytical for VOs and TPHC were detected below the Soil Cleanup Criteria. Since compounds were detected below the Soil Cleanup Criteria additional soil remedial activities are not required at this time for this AOC.

Note: The Remington & Vernick Engineers reports listed the size of the tank as 10,000 gallons, however, the ENVision Report indicated that the tank had been previously registered as an 8,000-gallon tank.

AOC B2 – 1,000 Gallon Fuel Oil Underground Storage Tank & Associated Piping

This AOC was located adjacent to AOC B1 noted above on the northeast side of Building #2. The tank was reported to contain approximately six (6) inches of fuel oil at the time soil sampling was conducted. Soil analytical data obtained from this AOC for TPHC laboratory analysis indicate that TPHC was detected below the Soil Cleanup Criteria.

While the laboratory analysis indicates that TPHC was not detected in excess of the Soil Cleanup Criteria, the Department by letter dated June 3, 1999 indicated that it was unable to determine if additional remedial activities would be required until such time that the product/tank are properly removed.

To date, a report, detailing the remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC B3 – 1,000 Gallon Liquid Waste Underground Storage Tank

This AOC was located adjacent to Building #1. Soil analytical data obtained from this AOC for PP+40, TPHC and sodium indicate that VOs, BNs, metals, TPHC and phenol were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

On April 25, 2006, the Department received copies of soil disposal receipts for this AOC from EHS Environmental, Inc. with a cover letter that indicated that remedial activities had been conducted at this AOC. However, to date, a report, detailing what remedial activities were conducted to address the contaminated soils that were identified at this AOC has not been submitted to the Department for review.

Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC C - Pits

AOC C1 – Caustic Wash Area

This AOC was located in Building #1. Discharges from this area were to AOC B3 noted above via underground piping.

Pipe Run Area

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that VOs were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

Concrete Pit Area

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that VOs were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC C2 – Drum Rinse Area

This AOC was located in Building #1.

Pipe Run

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that VOs were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

Sediments (in bottom of Pit)

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that BNs and metals were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

Concrete Pit Area

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that VOs were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC C3 – Drum Rinse Area

This AOC was located in Building #1.

Concrete Pit Area

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that BNs and metals were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC C4 – Caustic Wash Area

This AOC was located adjacent AOC C1 above in Building #1.

Sediments (in bottom of Pit)

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that VOs, BNs, metals and TPHC were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

Concrete Pit Area

Soil analytical data obtained from this area for PP+40 and TPHC indicate that VOs, metals and TPHC were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC C5 – Drum Rinse Area

This AOC was located adjacent AOC C4 above in Building #1.

Sediments (in bottom of Pit)

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that BNs and metals were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

Concrete Pit Area

Soil analytical data obtained from this area for PP+40 and TPHC laboratory analysis indicated that compounds were detected below the Soil Cleanup Criteria. Since compounds were detected below the Soil Cleanup Criteria additional soil remedial activities are not required at this time for this area.

AOC CC – Pit Area

This AOC was located in Building #2.

Soil analytical data obtained from this area for PP+40 and TPHC indicate that, BNs and metals were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOCs D. & K – Loading/Off Loading Areas

D-1

This AOC was located at Building #1, adjacent to 2nd Street. Soil analytical data obtained from this AOC for PP+40 and TPHC laboratory analysis indicated that BNs were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

D-2

This AOC was located on the southwest side of Building #1. Soil analytical data obtained from this AOC for PP+40 and TPHC laboratory analysis indicated that BNs and metals were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

D-3

This AOC was located at Building #2. The report indicated that a specific soil investigation was not conducted for this area since this area is adjacent to AOCs B1- E/M & O. Since this area is adjacent to AOCs B1- E/M & O, the Department will incorporate this area into AOCs B1- E/M & O. Therefore comments regarding this area are the same as those listed under AOCs B1- E/M & O.

AOCs E & M – Drum Storage/Yard Area

This AOC exists at various locations throughout the site. Soil analytical data obtained from this AOC for PP+40, TPHC and pH laboratory analysis indicated that BNs, metals, pesticides and TPHC were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

On April 25, 2006, the Department received copies of soil disposal receipts for this AOC from EHS Environmental, Inc. with a cover letter that indicated that remedial activities had been conducted at this AOC. However, to date, a report, detailing what remedial activities were conducted to address the contaminated soils identified at this AOC has not been submitted to the Department for review.

Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC F – Chemical Storage Cabinets/Closets

This AOC was located in Building #1. Since visual observations made of the floor beneath the cabinets/closets did not indicate evidence of any discharges and the concrete floor was in good condition with no evidence of cracks, additional soil remedial activities are not required at this time for this AOC.

AOC G – Floor Drain/Trench/Piping

The report indicated that this AOC is associated with AOCs B-C & O.

A trench was identified along the southeast side of Building #1 which contained a floor drain, a four (4) inch pipe that discharged to the sanitary sewer and parts of fifty-five (55) gallon drums which were all surrounded by a fibrous matting material .

Floor Drain Area

Soil analytical data obtained from this AOC for PP+40, TPHC, pH and sodium laboratory analysis indicated that VOs, BNs, metals, TPHC and phenol were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

Piping Area

Soil analytical data obtained from this AOC for PP+40, TPHC, pH and sodium laboratory analysis indicated that metals were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

Trench Area/Matting Material Area

Soil analytical data obtained from this AOC for PP+40, TPHC, pH and sodium laboratory analysis indicate that BNs, metals, TPHC and phenol were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC H – Roof Leaders

This AOC discharged to various locations throughout the site. Since the report indicated that all process discharges were not vented to the outside but remained inside the building and went directly into the sanitary sewer, additional soil remedial activities are not required at this time for this AOC.

AOC I – Underground Piping

The report indicated that a specific soil investigation was not conducted for this AOC since it is associated with AOCs B-C-G & O. Since this AOC is associated with AOCs B-C-G & O, the Department will incorporate this AOC into AOCs B-C-G & O. Therefore comments regarding this AOC are the same as those listed under AOCs B-C-G & O.

AOC J – Spill Area

This AOC was located on the east side of Building #1. Since visual observations made of the spill area indicates that it was to an imperious surface (concrete) that was in good condition with no evidence of cracks, additional soil remedial activities are not required at this time for this AOC.

AOC L – Boiler Room

This AOC was located in Building # 2. Since visual observations made of the boiler room floor did indicate some staining but that the concrete floor was in good condition with no evidence of cracks, additional soil remedial activities are not required at this time for this AOC.

AOC N – Paint Booth

The report indicated that this was mobile unit which was located inside Building # 1. The report also indicated that during painting activities, tarps were placed both under and around the booth to prevent any discharges. Since visual observations made of the concrete floor in Building #1 indicate that it was in good condition with no evidence of cracks, additional soil remedial activities are not required at this time for this AOC.

AOC O – Oil Water Separator & Associated Piping

This AOC was located in the yard area adjacent to Building #1. Soil analytical data obtained from this AOC for PP+40, TPHC, pH and sodium laboratory analysis indicated that VOs, BNs, metals, TPHC and phenol were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report indicated that the contaminated soils must be addressed before site redevelopment.

On April 25, 2006, the Department received copies of soil disposal receipts for this AOC from EHS Environmental, Inc. with a cover letter that indicated that remedial activities had been conducted at this AOC. However, to date, a report, detailing what remedial activities were conducted to address the contaminated soils that were identified at this AOC has not been submitted to the Department for review.

Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

AOC P – Elevator Pits

P1

This AOC was located on the southwest side of Building #1. Soil analytical data obtained from this AOC for PP+40 and TPHC laboratory analysis indicated that metals were detected above the Soil Cleanup Criteria. Since compounds were detected in excess of the Soil Cleanup Criteria, additional remedial activities were proposed in the Remington & Vernick Engineers October 7, 2002 Remedial Investigation Report.

However, to date, a report, detailing the additional remedial activities that have been conducted at this AOC has not been submitted to the Department for review. Therefore, if no further action determination is desired for this AOC, please provide a remedial investigation/remedial action report pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E to this office for review.

P2

This AOC was located northeast side of Building #1. Soil analytical data obtained from this AOC for PP+40 and TPHC laboratory analysis indicated that compounds were detected below the Soil Cleanup Criteria. Since compounds were detected below the Soil Cleanup Criteria additional soil remedial activities are not required at this time for this area.

AOC Q – Lead Based Paint

AOC R – Asbestos Containing Materials

Since these areas have already been remediated as part of the building demolition, the Department has no additional comments at this time.

AOC S – Non-Contact Cooling Water Discharge Areas

The report indicated that this water discharged into the yard area. Therefore comments regarding this area are the same as those listed under AOC - E/M above.

Historic Fill

The historic fill that has been identified throughout the entire site contains BN and metal compounds above the soil cleanup criteria.

Since BN and metal compounds were detected above the Soil Cleanup Criteria, the Department's November 19, 2002 letter, which indicated that "*no additional actions or sampling is required with regard to the fill.*" was an inaccurate statement on the part of the previous case manager.

While additional sampling/delineation of the fill material will not be required, engineering and institutional controls will be required pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E. Therefore, please prepare and submit a draft deed notice, pursuant to N.J.A.C. 7:26E-8.2, to this office for review.

Ground Water

Since the February 10, 2006 Site Investigation Report (report) that was prepared by ENVision, Inc. indicated that ground water encountered during the removal of the 10,000 gallon underground storage tank and associated contaminated soils noted above, a ground water investigation, pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E must be conducted to demonstrate that ground water has not been adversely impacted by the discharge from the tank.

General Comment

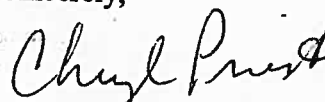
Some of the soil disposal receipts received on April 25, 2006 from EHS Environmental, Inc. were illegible; blank pages; or contained missing information (such the Generators Name and/or the tonnage of material disposed of). Therefore, please resubmit complete legible copies to this office for review.

Below is list of the disposal receipts that were complete/legible and therefore **do not** need to be re-submitted:

ID 100 (Log 10) - ID 350 (Log 11) - ID 308 (Log 12) - ID 440 (Log 24) - ID 100 (Log 34)
ID 350 (Log 35) - ID 308 (Log 42) - ID 440 (Log 43) - ID 350 (Log 44) - ID 100 (Log 45)
ID 308 (Log 47) - ID 440 (Log 49) - ID 350 (Log 55) - ID 308 (Log 59) - ID 100 (Log 60)
ID 440 (Log 62) - ID 350 (Log 78) - ID 308 (Log 80) - ID 100 (Log 82) - ID 440 (Log 83)
ID 350 (Log NR) - ID 308 (Log 98) - ID 100 (Log 101)

If you have any questions concerning this matter, please contact me in writing at the above noted address or by telephone at (609) 584-4162.

Sincerely,



Cheryl Priest, HSMS II
Bureau of Southern Field Operations

c Penrose Properties
Envision Environmental
React Environmental
EHS Environmental
Camden County Health Department
file # 04-08-58

**State of New Jersey**

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Remediation Management and Response
Bureau of Southern Field Operations
P.O. Box 407
Trenton, New Jersey 08625-0407
(609) 584-4150
(609) 584-4170 - Fax

September 19, 2006

JON S. CORZINE
Governor

LISA P. JACKSON
Commissioner

Jack Carney
EHS Environmental, Inc.
9 South Main Street
Mullica Hill, NJ 08062

Re: Electronic Data Submittal for ABC Barrel Company (a.k.a. AABCO Steel Drum Site)
Block: 62; Lots: 38 & 45 and Block: 65; Lot: 103
314-322 North Front Street, Camden City, Camden County
Case #: 95-09-14-1206-53; UST Registration #: 006594

Dear Mr. Carney:

The New Jersey Department of Environmental Protection (Department) has conducted an Electronic Data Submission Application (EDSA) administrative and completeness check reviewed on the electronic data diskette (diskette) submitted for the above noted Site on June 20, 2006.

Based upon this review, the Department has determined that the diskette is not in compliance with the requirements as outlined in the Site Remediation Program Electronic Data Interchange (EDI) Manual because the DTST file was not found.

Since review of the diskette can not continue, the diskette is being returned for correction. Therefore, please correct and resubmit the diskette to the Department.

If you have any questions regarding this matter:

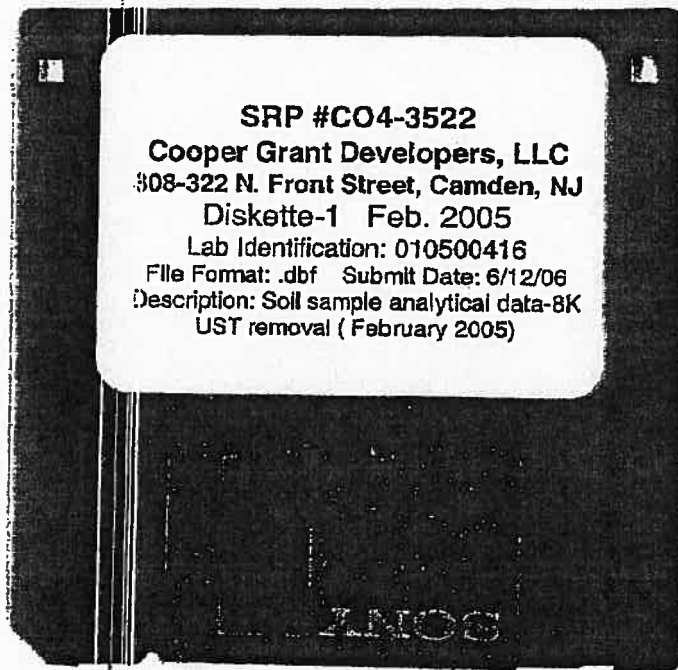
- (a) please refer to the EDI Manual for guidance. This document can be accessed through the Department's Home Page, located at "<http://www.state.nj.us/dep/srp>" under the Regulations and Guidance topic; or
- (b) contact the Department's Bureau of Planning and Systems for assistance at (609) 633-1380.

If you have any other questions please contact me in writing at the above noted address or by telephone at (609) 584-4162.

Sincerely,

A handwritten signature in cursive script that reads "Cheryl Priest".

Cheryl Priest, HSMS II
Bureau of Southern Field Operations



Willy L. Brown



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JON S. CORZINE
Governor

LISA P. JACKSON
Commissioner

Office of Brownfield Reuse
401 E. State St. 6th Fl
PO Box 028
Trenton, NJ 08628
T: 609-292-1251 F: 609-777-1914

JUN 8 2007

Norma Santiago
City of Camden
1st Floor, Room 109, City Hall
Camden, NJ 08103-5120

Re: Hazardous Discharge Site Remediation Fund (HDSRF) Application
Applicant: Camden Redevelopment Agency
Site Name: ABC Barrel Company Site (a.k.a. AABCO Steel Drum Site)
314-322 North Front Street
City of Camden, Camden County

Dear Ms. Santiago:

The New Jersey Department of Environmental Protection (NJDEP) has completed its review of the additional funding request to perform Remedial Investigation (RI) and Remedial Action (RA) at the subject site. Based on the review, the NJDEP finds the proposal for RI technically eligible for funding, however, the proposal for RA is not at this time.

Please be advised, in order to be eligible for RA funding, one of the following four conditions must be met:

1. The property will be used for recreation/preservation/conservation purpose,
2. The property will be used to build affordable housing,
3. The site will be remediated to meet the unrestricted or limited restricted use cleanup standards, and
4. An innovative technology will be applied.

Since the subject application does not meet any of the above conditions at this time, the RA funding can not be awarded.

Therefore, the NJDEP is recommending that the New Jersey Economic Development Authority (NJEDA) obligate funds in the amount of **\$20,951.15** for the proposed SI work, which includes the NJDEP oversight fees in the amount of **\$1,904.65**.

The NJDEP also advises that the approved cost for the RI be disbursed and a check in the amount of **\$19,046.50** be issued to the Camden Redevelopment Agency (CRA) upon closing of the grant.

Please be advised that the estimated NJDEP oversight costs for this grant approval will not be disbursed to the CRA. Therefore, when CRA receives any NJDEP oversight invoices related to this project, please forward them to this Office for processing.

Please also be advised that the NJEDA application fees (\$500.00) is an ineligible cost under the HDSRF. Therefore, please send the payment directly to:

Lisa Petrizzi
NJEDA
PO Box 990
Trenton, NJ 08625

If you have any questions regarding this letter, please feel free to contact me at 609-633-0753.

Sincerely,

Yr Cao

Yang Cao, HDSRF Coordinator
Office of Brownfields Reuse

c. Geoffrey R. Forrest, Dresdner Robin (433 Market St, Suite 203, Camden, NJ 08102)
Cheryl Priest, Case Manager/NJDEP (BFO-S)
File



State of New Jersey

Department of Environmental Protection
Bureau of Southern Field Operations
Horizon Center
P.O. Box 407
Trenton, NJ 08625-0407
Phone #: 609-584-4150
Fax #: 609-584-4170

Jon S. Corzine
Governor

Lisa P. Jackson
Commissioner

August 11, 2008

James Harveson
Camden Development Agency
City Hall, 520 Market Street
Suite 1300, P.O. Box 95120
Camden, NJ 08101

Remedial Investigation/Remedial Action Workplan Approval

Re: Remedial Investigation/Remedial Action Workplan
ABC Barrel Company (a.k.a. North Front St Associates)
308 to 322 North Front Street
Camden, Camden County
SRP PI#: 006594
EA ID #: SUB080001
BFO File Number: 04-08-58

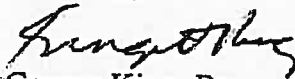
Dear Mr. Harveson:

The New Jersey Department of Environmental Protection (Department) has completed review of the July 10, 2008 Remedial Investigation/Remedial Action Workplan (workplan) received on July 11, 2008. The Department has determined that the Workplan is in compliance with the Technical Requirements for Site Remediation, N.J.A.C. 7:26E and other applicable requirements. The Department hereby approves the Workplan, effective the date of this letter.

Pursuant to the schedule applicable to the site you shall submit a Remedial Investigation/Action Report on January 30, 2009. Please submit the document by that date, or submit a written request for an extension at least 2 weeks prior to the due date. Failure to submit the Remedial Investigation/Action Report in accordance with the schedule may result in the initiation of enforcement action. For your convenience, the regulations concerning the Department's remediation requirements can be found at <http://www.state.nj.us/dep/srp/regs/>.

Thank you for your cooperation in this matter. If you have any questions, call Cheryl Priest at (609) 584-4162.

Sincerely,


George King, Bureau Chief
Bureau of Southern Field Operations

c: **BFO File Number: 04-08-58**
Dresdner Robin
NJDEP- Bureau of Contract & Fund Management
Clerk, Camden City
Camden County Health Department



FEB 05 REC'D

Chris Christie
Governor

State of New Jersey

Department of Environmental Protection
Bureau of Southern Field Operations
401 East State Street
P.O. Box 407
Trenton, NJ 08625-0407
Phone #: 609-633-1475
Fax #: 609-984-6004

Bob Martin
Acting Commissioner

February 1, 2010

Saundra Ross Johnson, Executive Director
Camden Redevelopment Agency
520 Market Street, Suite 1300
Camden, NJ 08101

Approval

Re: Ground Water Remedial Investigation Report
ABC Barrel Company Site (a.k.a. North Front St Associates)
308 - 322 North Front Street
Camden City, Camden County
SRP PI#: 006594-
EA ID #: SUB100001
BFO File Number: 04-08-58


Dear Ms. Johnson:

The New Jersey Department of Environmental Protection (Department) has completed review of the Ground Water Remedial Investigation Report received on March 5, 2009. The Department has determined that the Ground Water Remedial Investigation Report is in compliance with the Technical Requirements for Site Remediation, N.J.A.C. 7:26E and other applicable requirements. The Department hereby approves the Ground Water Remedial Investigation Report, effective the date of this letter.

Pursuant to the schedule applicable to the site you shall submit a Soil Remedial Action Report on July 12, 2010. Please submit the document by that date, or submit a written request for an extension at least 2 weeks prior to the due date. Failure to submit the Soil Remedial Action Report in accordance with the schedule may result in the initiation of enforcement action. For your convenience, the regulations concerning the Department's remediation requirements can be found at <http://www.state.nj.us/dep/srp/regs/>.

Thank you for your cooperation in this matter. If you have any questions, call Cheryl Priest at (609) 292-2723.

Sincerely,

A handwritten signature in cursive script that reads "William H. Dunfee". The signature is written in black ink and is positioned above the typed name.

William H. Dunfee, Section Chief
Bureau of Southern Field Operations

c: Dresdner Robin
BFO File # 04-08-58
Clerk, Camden City
Camden County Health Department

APPENDIX B
USEPA Pollution Report (Nov.29, 2000)



Container Recyclers Site

City of Camden, Camden County, New Jersey

Region 2

This Superfund Fact Sheet provides the latest information on the U.S. Environmental Protection Agency's (EPA) planned activities for the Container Recyclers Superfund Site. The primary purpose of this Fact Sheet is to alert local residents and officials as to the activity they may observe on and near the Site during the upcoming weeks.

SITE BACKGROUND and PLANNED ACTIVITIES

The Container Recyclers Site is located at 308-322 North Front Street in Camden, New Jersey. The facility was owned and operated by the Standard Tank & Seat Company from 1945 until 1975, at which time the property was sold to Martin Aaron and Morris Silverman. During the time of Morris and Silverman's ownership, the property was utilized for the recycling of drums. The property was subsequently purchased by North Front Associates in 1983. It is believed that drum recycling operations were continued during North Front's ownership of the property through 1996 at which time the property was foreclosed upon by the City of Camden. The facility has since been abandoned, and although fenced and boarded-up, is frequented by vagrants and other trespassers.

At the request of the EPA Brownfields Coordinator for the City of Camden, EPA has evaluated the Site to determine the appropriateness of conducting a Comprehensive, Environmental Response, Compensation and Liability (CERCLA) removal action at the Container Recyclers Site. EPA's evaluation of the Site has confirmed that a CERCLA removal action is warranted. The removal action is scheduled to begin on or about July 7, 2000 and should be completed within 4-6 weeks. Removal activities will include the excavation and off-site disposal of lead contaminated surface soils, the removal and off-site disposal of all drums and containers, and the removal and off-site disposal of the contents of one underground storage.

FURTHER INFORMATION

Questions or concerns regarding the Site should be directed to the EPA Brownfields Coordinator for the City of Camden, Alison Devine, at (856) 968-4778.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
EDISON, NEW JERSEY 08837

FACT SHEET

The Container Recyclers Site is located at 308-322 North Front Street in the City of Camden, Camden County, New Jersey. The Site consists of two abandoned production buildings and an unpaved courtyard/parking area. The Site is situated in a densely populated neighborhood with a day care center, public library, and the Rutgers University student dormitories within 200 feet of the Site.

The Site was owned and operated by the Standard Tank & Seat Company from 1945 thru 1975, at which time the Site was sold to Martin Aaron and Morris Silverman who then utilized the property for the recycling of drums. Aaron and Silverman continued drum recycling operations thru 1983 at which time the property was purchased by North Front Associates which continued utilizing the property for drum recycling operations for an undetermined period of time. The property was foreclosed upon by the City of Camden in 1996.

In response to the potential redevelopment of the Site for residential housing, EPA's Brownfields Coordinator for the City of Camden requested that a Removal Site Evaluation (RSE) be performed by EPA's Removal Action Branch (RAB). The RSE included the collection and analysis of soil samples from the courtyard/parking lot which confirmed the release of lead in concentrations up to 7,900 ppm. Lead is a listed hazardous substance as defined by Section 101(14) of the Comprehensive Environmental Response, Compensation and Recovery Act (CERCLA). In addition to the lead contaminated soils, the RSE identified an UST containing waste oil, and numerous drums within the two buildings. As such, it was determined that the Site posed an imminent and substantial danger and met the criteria for a CERCLA Removal Action as described in Section 300.415(b)(2) of the National Contingency Plan.

Upon authorization of CERCLA funding, RAB initiated a removal action on June 29, 2000. The action included the excavation and off-site disposal of surface (<2') soils with a lead concentration >400 ppm, the consolidation and off-site disposal of all drums and their contents, and the excavation and off-site disposal of the UST and its contents. The removal action was completed on September 22, 2000.

Subsequent to EPA's completion of the above described removal action, the on-site buildings were demolished by the City of Camden in preparation for the Site's future redevelopment.



Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
732-225-6116 • Fax 732-225-7037

REMOVAL SUPPORT TEAM
EPA CONTRACT 68-W-00-113

July 25, 2000

Mr. Don Graham
U.S. Environmental Protection Agency
Response and Prevention Branch
2890 Woodbridge Avenue
Edison, NJ 08837

EPA CONTRACT NO: 68-W5-0019
TDD NO: 02-00-07-0004
DOCUMENT CONTROL NO: START-02-T-04509
SUBJECT: SAMPLING TRIP REPORT - CONTAINER RECYCLERS, CAMDEN, NJ

Dear Mr. Graham:

Enclosed please find the Sampling Trip Report for the July 18, 2000 XRF soil sampling and screening event at Containers Recyclers site located at Camden, Camden County, NJ.

If you have any questions, please do not hesitate to call me at (732) 225-6116.

Very truly yours,

ROY F. WESTON, INC.

Michael Garibaldi
Project Manager

Enclosure

cc: TDD File
Joseph M. Soroka, QAO

SAMPLING TRIP REPORT

SITE NAME: Container Recyclers
TDD # : 02-00-07-0004
DCN # : START-02-F-04509

EPA I.D. NO.: NL

SAMPLING DATES: July 18, 2000

1. **SITE LOCATION:** Intersection of Pearl, Front, and Second Streets,
Camden, Camden County, New Jersey
2. **SAMPLE LOCATIONS:** Refer to Table 1 and the Site Map (Attachment A).
3. **SAMPLE DESCRIPTIONS:** Soil samples (Table 1). Refer to Chain of Custody
Record form for details (Attachment B).
4. **LABORATORY RECEIVING SAMPLES:**

STL, Inc.
10 Hazelwood Drive
Amherst, New York 14228
Lab Contact: Candice Fox
Phone: 716-691-2600

5. **SAMPLE DISPATCH DATA:**

On July 18, 2000 START personnel conducted an XRF screening event for post excavation floor and wall soil samples. Using the Spectrace 9000 X-Ray Fluorescence (XRF) Spectrophotometer, post excavation soil samples were collected and screened for lead. The XRF calibration procedure was performed within allowable ranges. A total of twenty-seven (27) soil samples were screened for lead. Following the screening process, eight (8) post excavation soil samples were shipped by START- EPA Region II personnel to STL, Inc. laboratory located at 10 Hazelwood Drive Amherst, New York for Total Lead analysis.

6. **ON-SITE PERSONNEL:**

Name	Affiliation	Duties on site
Michael Garibaldi	START	Field Coordinator, Sampler, and Sample Management
Joseph Soroka	START	XRF Operation, Sample QA/QC

**CONTAINER RECYCLERS
CAMDEN, NEW JERSEY
TABLE 1. SAMPLE DESCRIPTIONS**

Sample Number	TIME/DATE	Description
B1-2	1050 7/18/00	Post-excavation grab surface floor soil sample/ see grid B1-2
B3-1	1100 7/18/00	Post-excavation grab surface floor soil sample/ see grid B3-1
B3-4	1110 7/18/00	Post-excavation grab surface floor soil sample/ see grid B3-4
B3-4 MS/MSD	1110 7/18/00	Post-excavation grab surface floor soil sample Matrix Spike/ see grid B3-4
B3-5	1115 7/18/00	Post-excavation grab surface floor soil sample/ see grid B3-5
B3-6	1120 7/18/00	Post-excavation grab surface floor soil sample/ see grid B3-6
B3-3-12	1310 7/18/00	Post-excavation grab floor soil sample @ 12 inch depth / see grid B3-12
N-PE-1	1330 7/18/00	Post-excavation grab surface floor soil sample / see grid N-PE-1
P6	1400 7/18/00	Post-excavation grab surface wall soil sample/ see wall location P6
XRF screening results		All locations (see attached table)

version 1999.1
6/07/99

7. ADDITIONAL COMMENTS:

All sample locations were selected by the OSC for XRF field screening. Upon review of the XRF soil screening results, the EPA-OSC decided to excavate an additional 12 inches of soil from grids B1-2, B3-2, and B3-4. The OSC requested laboratory analysis for Total Lead for selected soil samples.

Soil samples were sent to the STL, Inc. in Amherst, New York for Total Lead analysis.

8. REPORT PREPARED BY:

Michael Garibaldi
START P.M.

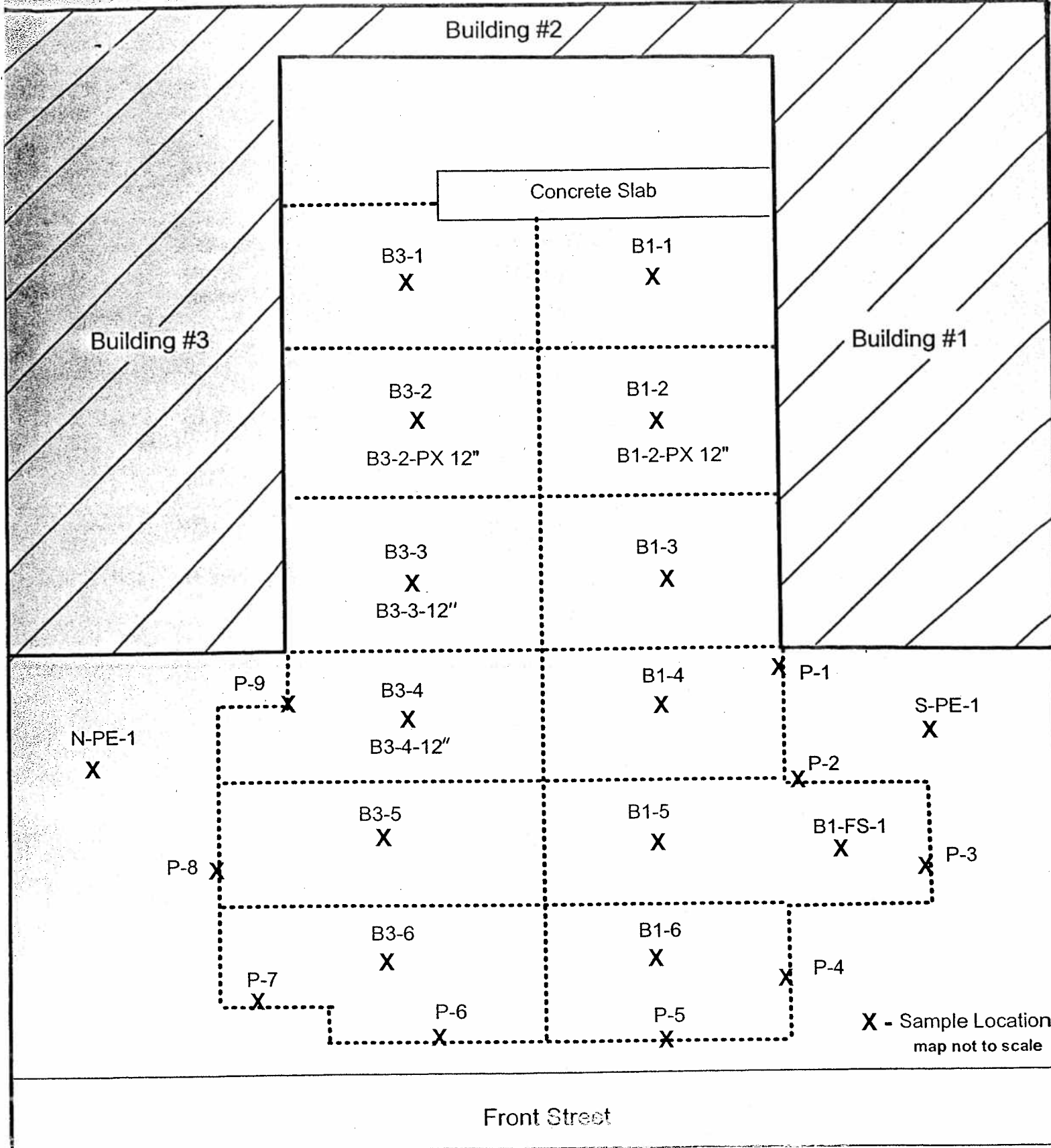
Date: _____

9. REPORT REVIEWED BY:

Joseph M. Soroka
QA/QC officer

Date: _____

Attachment C
X R F Screening Results



Roy F. Weston, Inc.
FEDERAL PROGRAMS
DIVISION

IN ASSOCIATION WITH INLAND POLLUTION P.R., INC.,
RESOURCE APPLICATIONS, INC.,
AND GRB ENVIRONMENTAL SERVICES, INC.

EPA OSC

D. Graham

RST Site PM

M. Garibaldi

Figure 1
Container Recyclers
Camden, N.J.

Sample Location Map
Excavation Grid for
Lead Screening

CONTAINER RECYCLER
CAMDEN, NEW JERSEY
XRF SCREENING RESULTS

<u>30/15/15</u>	<u>Lead-Pb (ppm)</u>	<u>30/15/15</u>	<u>Lead- Pb (ppm)</u>
B3-5 X	408	B3-5REP	443
B3-4 X	2850	B3-5DUP	419
B3-3	212	B3-6 X	373
B1-3	212	B3-1 X	-14
B1-6	686	B1-2 X	1402
B3-2	2720	B1-FS-1	345
P-6 X	772	P-5	859
B1-4	783	B1-1	662
P-1	1268	P-2	784
P-3	243	P-4	350
P-4 REP	345	P-7	536
P-9	325	B1-5	515
B1-5 REP	532	B3-3-12" X	-3.4
B3-3-12" DUP	-2.4	B3-4-12"	23
B3-4-12" DUP	0.9	S-PE-1	439
S-PE-1 REP	517	N-PE-1 X	172
N-PE-1	168	B3-4-PX	3.0
B1-2-PX	404	B3-2-PX	-13

Field Screening performed using a Spectrace 9000 XRF detector for lead using cadmium, iron, and americium @ 30,15,15 sec intervals.
 X - Laboratory Analysis for lead

OTHER ANALYTES WORK TABLE

Project: Container Recyclers Site

Sampling Date: July 18, 2000

SAMPLE #/CONCENTRATION (MG/KG)

Total Metals	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL
	Client ID:	B1-2	B3-1	B3-3-12	B3-4	B3-5
	Lab ID:	ADO11610	ADO11611	ADO11615	ADO11612	ADO11613
Percent Solids		99.7	99.1	99.2	99.3	99.6
Dilution Factor	IDL	1.0	1.0	1.0	10.0	1.0
Lead	0.6	2880 J	11.4 J	7.4 J	14800 J	2240 J

Total Metals	Matrix:	SOIL	SOIL	SOIL		
	Client ID:	B3-6	N-PE-1	P6		
	Lab ID:	ADO11614	ADO11616	ADO11617		
Percent Solids		94.7	99.1	98.3		
Dilution Factor	IDL	1.0	1.0	1.0		
Lead	0.6	1120 J	257 J	1030 J		

Inorganic Qualifiers

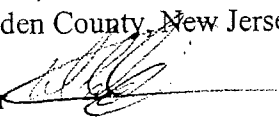
- IDL - Instrument Detection Limit
- U - non-detected compound
- J - estimated value
- B - between the instrument detection limit (IDL) and the contract required detection limit (CRDL)
- R - rejected compound
- NA - not applicable

**CONTAINER RECYCLERS
CAMDEN, NEW JERSEY
TABLE 1. SAMPLE DESCRIPTIONS**

Sample Number	TIME/DATE	Description
B1-2	1050 7/18/00	Post-excavation grab floor soil sample @ 2' depth/ see grid B1-2
B3-1	1100 7/18/00	Post-excavation grab floor soil sample @ 2' depth/ see grid B3-1
B3-4	1110 7/18/00	Post-excavation grab floor soil sample @ 2' depth/ see grid B3-4
B3-4 MS/MSD	1110 7/18/00	Post-excavation grab floor soil sample @ 2' depth Matrix Spike/ see grid B3-4
B3-5	1115 7/18/00	Post-excavation grab floor soil sample @ 2' depth/ see grid B3-5
B3-6	1120 7/18/00	Post-excavation grab floor soil sample @ 2' depth/ see grid B3-6
B3-3-12	1310 7/18/00	Post-excavation grab floor soil sample @ 2' depth + 12 inches/ see grid B3-12
N-PE-1	1330 7/18/00	Post-excavation grab floor soil sample @ 2' depth/ see grid N-PE-1
P6	1400 7/18/00	Post-excavation grab wall soil sample @ 2' depth/ see wall location P6

**U.S. Environmental Protection Agency
Pollution Report**

I Heading

Date: November 29, 2000
Subject: Container Recyclers Site,
City of Camden, Camden County, New Jersey
From: Donald R. Graham,
On-Scene Coordinator 
To: R. Salkie, EPA
J. Rotola, EPA
G. Zachos, EPA
D. Karlen, EPA
B. Bellow, EPA
T. Johnson, EPA
A. Devine, EPA
B. Dease, EPA
R. Byrnes, 2OIG
J. Smolenski, DEP
A. Raddant, DOI
START
Polrep No.: Two (2) and Final

II Background

Site No.: MW
Contract No.: 68-S2-99-07
Delivery Order No.: 0017
NPL Status: Non-NPL
Action Memo: 04/14/00
06/29/00 (Change in Scope)
Start Date: 06/29/00
Completion Date: 09/22/00

III Site Information

A. Incident Description

Abandoned Drum Recycler

B. Site Description

The Container Recyclers Site is located at 308-322 North Front Street in the City of Camden, Camden County, New Jersey. The Site includes a large multilevel structure at the rear of the Site with an unpaved courtyard/parking area in the front of the Site bordering North Front Street. Although fenced, the Site is frequented by vagrants and other trespassers.

The Site was operated as a toilet manufacturing facility until 1975 at which time ownership of the property was transferred to Martin Aaron and Morris Silverman who utilized the facility for the recycling of drums. In 1983 ownership of the property was transferred to North Front Associates who also utilized the property for the recycling of drums. The Site was foreclosed upon by the City of Camden in 1996.

The Site was referred for CERCLA Removal Action consideration through EPA's Brownfields Program. The referral was based upon the presence of numerous drums within the building, and soil contamination in the courtyard/parking area. EPA's Removal Site Evaluation confirmed the Site's eligibility for CERCLA removal action funding based upon the potential release of hazardous substances from the drums, and the elevated concentrations of lead present in the courtyard surface soils.

IV **Response Information**

A. Situation

1. Current Situation

Upon completing all removal activities within the scope of the Action Memorandum, the Emergency and Rapid Response Services (ERRS) contractor was demobilized from the Site on September 22, 2000.

2. Removal Actions to Date

Upon completing the initial phase of Site operations, ERRS demobilized on July 19, 2000 to coordinate the off-site disposal of all secured waste (ie. soil, drums).

ERRS remobilized on August 22, 2000 to complete the off-site shipment of all drummed waste.

ERRS was remobilized on September 19, 2000 to complete the shipment of contaminated soils and Site restoration activities. Upon completion of these activities, ERRS was demobilized on September 22, 2000.

B. Planned Removal Actions

All removal activities within the scope of the Action Memorandum have been completed. No other removal actions are anticipated at this time.

C. Key Issues

None at this time.

V Cost Information

ERRS Costs to Date	\$ 68,000
START Costs to Date	\$ 6,000
EPA Costs to Date	\$ 6,000
Total	\$ 80,000
Project Ceiling	\$ 300,000
Remaining Project Ceiling	73.3 %

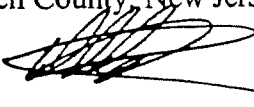
The above accounting of expenditures is an estimate based on figures known to the On-Scene Coordinator at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure, which the government may include in any cost recovery claim.

VI Disposition of Waste

Wastestream	Volume	Disposal	Facility
Non-Haz Soil (Pb)	750 tons	09/20/00	Gross Landfill (CWM)
Non-Haz Debris (empty drums)	20 cubic yards	07/17/00	BFI Landfill (CycleChem)
Drummed Haz-Waste (D001,D002)	60 gallons	08/22/00	Chemtron Avon, OH
Drummed Non-Haz Waste	75 gallons	08/22/00	Chemtron Avon, OH

**U.S. Environmental Protection Agency
Pollution Report**

I Heading

Date: July 28, 2000
Subject: Container Recyclers Site,
City of Camden, Camden County, New Jersey
From: Donald R. Graham, 
On-Scene Coordinator
To: R. Salkie, EPA
J. Rotola, EPA
G. Zachos, EPA
D. Karlen, EPA
B. Bellow, EPA
T. Johnson, EPA
A. Devine, EPA
B. Dease, EPA
R. Byrnes, 2OIG
J. Smolenski, DEP
A. Raddant, DOI
START
Polrep No.: One (1)

II Background

Site No.: MW
Contract No.: 68-S2-99-07
Delivery Order No.: 0017
NPL Status: Non-NPL
Action Memo: 04/14/00
06/29/00 (Change in Scope)
Start Date: 06/29/00
Completion Date: N/A

III Site Information

A. Incident Description

Abandoned-Drum Recycler

B. Site Description

The Container Recyclers Site is located at 308-322 North Front Street in the City of Camden, Camden County, New Jersey. The Site includes a large multilevel structure at the rear of the Site with an unpaved courtyard/parking area in the front of the Site bordering

North Front Street. Although fenced, the Site is frequented by vagrants and other trespassers.

The Site was operated as a toilet manufacturing facility until 1975 at which time ownership of the property was transferred to Martin Aaron and Morris Silverman who utilized the facility for the recycling of drums. In 1983 ownership of the property was transferred to North Front Associates who also utilized the property for the recycling of drums. The Site was foreclosed upon by the City of Camden in 1996.

The Site was referred for CERCLA Removal Action consideration by EPA's Brownfields Pilot Manager for the City of Camden. The referral was based upon the presence of numerous drums within the building, and soil contamination in the courtyard/parking area. EPA's Removal Site Evaluation confirmed the Site's eligibility for CERCLA removal action funding based upon the potential release of hazardous substances from the drums, and the elevated concentrations of lead present in the courtyard surface soils.

IV Response Information

A. Situation

1. Current Situation

The Emergency and Rapid Response Services (ERRS) contractor has completed drum stabilization and soil excavation operations. ERRS has been demobilized pending transportation and disposal (T&D) coordination of the stockpiled soils and drummed hazardous materials.

2. Removal Actions to Date

ERRS mobilized to the Site on July 7th to initiate the required removal activities. Upon completing these activities, as described below, ERRS secured the Site and demobilized on July 19th.

- * All drums and containers (approximately 400) were transferred from the building to the courtyard area where they were crushed for disposal. The crushed drums were shipped off-site for disposal as non-hazardous debris on July 17th.
- * Approximately 150 gallons of material were generated from the consolidation of the drums. This material was bulked into five (5) separate groups based upon on-site Hazcat analyses. Samples for each hazard class have been collected and submitted for disposal analyses. The drummed materials are presently staged in a secure area awaiting T&D coordination.
- * Lead contaminated surface soils (<34") in the courtyard/parking area were excavated and stockpiled pending T&D coordination. Although post-excavation sampling has identified residual lead contamination in excess of the 400 ppm cleanup goal; backfilling of the excavated area will result in the capping of residual contamination, thereby eliminating any immediate human health concerns.

B. Planned Removal Actions

ERRS will remobilize once T&D coordination for the drums and stockpiled soils have been arranged. Upon completing T&D operations, the excavated area will be backfilled and ERRS will be demobilized.

C. Key Issues

None at this time.

V Cost Information

ERRS Costs to Date	\$ 25,000
START Costs to Date	\$ 5,000
EPA Costs to Date	<u>\$ 5,000</u>
Total	\$ 35,000
Project Ceiling	\$ 300,000
Remaining Project Ceiling	88.4 %

The above accounting of expenditures is an estimate based on figures known to the On-Scene Coordinator at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure, which the government may include in any cost recovery claim.

VI Disposition of Waste

Wastestream	Volume	Disposal	Facility
Non-Haz Soil (Pb)	600 tons	Landfill	TBD
Non-Haz Debris (empty drums)	20 cubic yards	Landfill	CycleChem/BFI
TBD (drummed waste)	150 gallons	TBD	TBD



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

JR

JUN 29 2000

ACTION MEMORANDUM

DATE:

SUBJECT: Request for a Change in the Scope of Response for a Removal Action at the Container Recyclers Site, City of Camden, Camden County, New Jersey

FROM: Donald R. Graham, On-Scene Coordinator
Removal Action Section

TO: Richard L. Caspe, Director
Emergency and Remedial Response Division

THRU: Richard C. Salkie, Chief
Removal Action Branch

Site ID: MW

I. PURPOSE AND EXECUTIVE SUMMARY

The purpose of this Action Memorandum is to request and document approval for a change in the scope of response activities to be completed as part of the removal action described herein for the Container Recyclers (a.k.a. ABC Drum) Site (Site) located in the City of Camden, Camden County, New Jersey.

Soils at the Site are contaminated with lead which has been defined as a hazardous substance under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Site continues to meet the criteria for a CERCLA removal action as described in Section 300.15(b)(2) of the National Contingency Plan (NCP). The lead contaminated soils continue to pose a substantial threat to persons frequenting the Site and, unless adequately remediated by authorizing the required change in scope, will continue to pose a threat when the Site is developed for residential housing as proposed. Sufficient funds to mitigate the threat

ACTION MEMORANDUM

DATE: JUN 29 2000

SUBJECT: Request for a Change in the Scope of Response for a Removal Action at the Container Recyclers Site, City of Camden, Camden County, New Jersey

FROM: Donald R. Graham, On-Scene Coordinator
Removal Action Section

TO: Richard L. Caspe, Director
Emergency and Remedial Response Division

THRU: Richard C. Salkie, Chief
Removal Action Branch

Site ID: MW

I. PURPOSE AND EXECUTIVE SUMMARY

The purpose of this Action Memorandum is to request and document approval for a change in the scope of response activities to be completed as part of the removal action described herein for the

CONCURRENCES

Name: Container Recyclers		INT: sb	Date: 06/19/00	Filename: AM#0189		
Symbol	ERRD-RAB	ERRD-RAB	ERRD-RAB	OR-NJSUP	ERRD-DD	ERRD-D
Surname	Graham	Re...	Salkie	Karlen	Michael	Caspe
	6/20/00	6/21/00	6/21/00	6/29	6/29	6/29

posed by lead contaminated soils at the Site have already been authorized, and no additional funding will be required to complete the change in scope of removal activities requested herein.

The Site is not on the National Priorities List (NPL) and there are no nationally significant or precedent-setting issues associated with this removal action.

II. SITE CONDITIONS AND BACKGROUND

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

III. THREAT TO PUBLIC HEALTH, OR WELFARE, OR THE ENVIRONMENT AND STATUTORY AND REGULATORY AUTHORITIES

The conditions at the Site continue to meet the criteria for a CERCLA removal action as described in 40 CFR 300.415(b)(2) of the NCP. Factors that support a change in scope of response activities include:

- (i) **Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, or pollutants, or contaminants;**

The concentration of lead in surface soils poses a potential public health threat. This threat, unless mitigated by implementing the proposed change in scope, will be increased greatly when the Site is developed for residential housing as currently proposed.

For additional information, refer to the April 14, 2000 Action Memorandum included as Appendix A to this document.

IV. ENDANGERMENT DETERMINATION

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

V. PROPOSED ACTIONS AND ESTIMATED COSTS

The action selected in the April 14, 2000 Action Memorandum authorized the excavation and off-site disposal of lead contaminated soils utilizing a cleanup goal of 1,000 ppm. The proposed change in scope would authorize the excavation and off-site disposal of soils utilizing a lead cleanup goal of 400 ppm. The new cleanup goal would be protective of human health in a residential setting which is consistent with the proposed use of the Site. The increased activities resulting from the proposed change in scope can be completed within the current approved project ceiling.

For additional information, refer to the April 14, 2000 Action Memorandum included as Attachment A to this document.

VI. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

VII. OUTSTANDING POLICY ISSUES

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

VIII. ENFORCEMENT


Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

IX. RECOMMENDATIONS

This decision document represents the selected removal action for the Container Recyclers Site in the City of Camden, Camden County, New Jersey. This document was developed in accordance with CERCLA, as amended, and is not inconsistent with the NCP. This decision is based on the administrative record for the Site.

Conditions at the Site continue to meet the NCP Section 300.415(b)(2) criteria and I recommend your approval of the change in scope of response activities as indicated. Specifically, I recommend that existing funds be utilized to obtain a cleanup goal of 400 ppm for lead contaminated soils with no increase to in the total project ceiling.

Please indicate your approval and authorization of funding, as per current Delegation of Authority, by signing below.

Approval: 
Richard L. Caspe, Director
Emergency and Remedial Response Division

Date: 6/29/00

Disapproval: _____
Richard L. Caspe, Director
Emergency and Remedial Response Division

Date: _____

cc: (after approval is obtained)
R. Caspe, ERRD-D
W. McCabe, ERRD-DD
R. Salkie, ERRD-RAB
J. Rotola, ERRD-RAB
B. Dease, ERRD-RPB
G. Zachos, ACSM/O
B. Bellow, EPD

D. Karlen, OR-NJSUP
R. Gherardi, OPM-FIN
K. Weaver, OPM-FIN
T. Johnson, 5202G
J. Smolenski, NJDEP
G. Wheaton, NOAA
A. Raddant, DOI
O. Douglas, START

ACTION MEMORANDUM

DATE:

SUBJECT: Request for a Change in the Scope of Response for a Removal Action at the Container Recyclers Site, City of Camden, Camden County, New Jersey

FROM: Donald R. Graham, On-Scene Coordinator
Removal Action Section

TO: Richard L. Caspe, Director
Emergency and Remedial Response Division

THRU: Richard C. Salkie, Chief
Removal Action Branch

Site ID: MW

I. PURPOSE AND EXECUTIVE SUMMARY

The purpose of this Action Memorandum is to request and document approval for a change in the scope of response activities to be completed as part of the removal action described herein for the

CONCURRENCES

Name: Container Recycles		INI: sb	Date: 06/19/00	Filename: AM#2139		
Symbol	ERRD-RAB	ERRD-RAB	ERRD-RAB	OR-NJSUP	ERRD-DD	ERRD-D
Surname	Graham	Roth	Salkie	Karlen	McCabe	Caspe
	6/20/00	6/21/00	6/21/00			

Container Recyclers (a.k.a. ABC Drum) Site (Site) located in the City of Camden, Camden County, New Jersey.

Soils at the Site are contaminated with lead which has been defined as a hazardous substance under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Site continues to meet the criteria for a CERCLA removal action as described in Section 300.15(b)(2) of the National Contingency Plan (NCP). The lead contaminated soils continue to pose a substantial threat to persons frequenting the Site and, unless adequately remediated by authorizing the required change in scope, will continue to pose a threat when the Site is developed for residential housing as proposed. Sufficient funds to mitigate the threat posed by lead contaminated soils at the Site have already been authorized, and no additional funding will be required to complete the change in scope of removal activities requested herein.

The Site is not on the National Priorities List (NPL) and there are no nationally significant or precedent-setting issues associated with this removal action.

II. SITE CONDITIONS AND BACKGROUND

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

III. THREAT TO PUBLIC HEALTH, OR WELFARE, OR THE ENVIRONMENT AND STATUTORY AND REGULATORY AUTHORITIES

The conditions at the Site continue to meet the criteria for a CERCLA removal action as described in 40 CFR 300.415(b)(2) of the NCP. Factors that support a change in scope of response activities include:

- (i) Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, or pollutants, or contaminants;**

The concentration of lead in surface soils poses a potential public health threat. This threat, unless mitigated by implementing the proposed change in scope, will be increased greatly when the Site is developed for residential housing as currently proposed.

For additional information, refer to the April 14, 2000 Action Memorandum included as Appendix A to this document.

IV. ENDANGERMENT DETERMINATION

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

V. PROPOSED ACTIONS AND ESTIMATED COSTS

The action selected in the April 14, 2000 Action Memorandum authorized the excavation and off-site disposal of lead contaminated soils utilizing a cleanup goal of 1,000 ppm. The proposed change in scope would authorize the excavation and off-site disposal of soils utilizing a lead cleanup goal of 400 ppm. The new cleanup goal would be protective of human health in a residential setting which is consistent with the proposed use of the Site. The increased activities resulting from the proposed change in scope can be completed within the current approved project ceiling.

For additional information, refer to the April 14, 2000 Action Memorandum included as Attachment A to this document.

VI. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

VII. OUTSTANDING POLICY ISSUES

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

VIII. ENFORCEMENT

Refer to the April 14, 2000 Action Memorandum attached as Appendix A to this document.

IX. RECOMMENDATIONS

This decision document represents the selected removal action for the Container Recyclers Site in the City of Camden, Camden County, New Jersey. This document was developed in accordance with CERCLA, as amended, and is not inconsistent with the NCP. This decision is based on the administrative record for the Site.

Conditions at the Site continue to meet the NCP Section 300.415(b)(2) criteria and I recommend your approval of the change in scope of response activities as indicated. Specifically, I recommend that existing funds be utilized to obtain a cleanup goal of 400 ppm for lead contaminated soils with no increase to in the total project ceiling.

Please indicate your approval and authorization of funding, as per current Delegation of Authority, by signing below.

Approval: _____ **Date:** _____
Richard L. Caspe, Director
Emergency and Remedial Response Division

Disapproval: _____ **Date:** _____
Richard L. Casper, Director
Emergency and Remedial Response Division

- cc: (after approval is obtained)
- R. Caspe, ERRD-D
 - W. McCabe, ERRD-DD
 - R. Salkie, ERRD-RAB
 - J. Rotola, ERRD-RAB
 - B. Dease, ERRD-RPB
 - G. Zachos, ACSM/O
 - B. Bellow, EPD
 - D. Karlen, OR-NJSUP
 - R. Gherardi, OPM-FIN
 - K. Weaver, OPM-FIN
 - T. Johnson, 5202G
 - J. Smolenski, NJDEP
 - G. Wheaton, NOAA
 - A. Raddant, DOI
 - O. Douglas, START

APPENDIX A



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2
2890 WOODBRIDGE AVENUE
EDISON, NEW JERSEY 08837

ACTION MEMORANDUM

DATE: 24 MAR 2000

SUBJECT: Request for a Removal Action at the Container Recyclers Site,
City of Camden, Camden County, New Jersey

FROM: Donald R. Graham, On-Scene Coordinator
Removal Action Section

A handwritten signature in black ink, appearing to read "D. R. Graham", written over a horizontal line.

TO: Richard L. Caspe, Director
Emergency and Remedial Response Division

THRU: Richard C. Salkie, Chief
Removal Action Branch

A handwritten signature in black ink, appearing to read "Richard C. Salkie", written over a horizontal line.

Site ID: MW

I. PURPOSE AND EXECUTIVE SUMMARY

The purpose of this Action Memorandum is to request and document approval of the removal action described herein for the Container Recyclers (a.k.a. ABC Drum) Site (Site) located in the City of Camden, Camden County, New Jersey.

Soils at the Site are contaminated with lead which has been defined as a hazardous substance under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and as such, the Site meets the criteria for a CERCLA removal action as described in Section

300.415(b)(2) of the National Contingency Plan (NCP). The Site poses an imminent and substantial danger to the health of persons frequenting the Site who could come into direct contact with the hazardous substance. The funding necessary to mitigate the threats associated with the Site is \$300,000, of which \$180,000 is from the Regional removal allowance.

The Site is not on the National Priorities List (NPL) and there are no nationally significant or precedent-setting issues associated with this removal action.

II. SITE CONDITIONS AND BACKGROUND

The Comprehensive Environmental Response, Compensation and Liability Information System ID number for this time-critical removal action is NJD980764310.

A. Site Description

1. Removal Site Evaluation (RSE)

A Removal Site Evaluation (RSE) was requested by the U.S. Environmental Protection Agency (EPA) Brownfields Coordinator for the City of Camden in response to potential redevelopment of the Site for residential housing.

The Site was owned and operated by the Standard Tank & Seat Company from 1945 until 1975, at which time the property was sold to Martin Aaron and Morris Silverman. Upon transfer of the property to Aaron and Silverman, the property was utilized for the recycling of drums. Drum recycling operations continued during the time of Aaron and Silverman's ownership thru 1983, at which time the property was sold to North Front Associates. It is believed that drum recycling operations continued for an undetermined period of time after North Front's purchase of the property. The Site was foreclosed upon by the City of Camden in 1996. The abandoned Site is fenced, but is frequented by vagrants and other trespassers likely to come into contact with elevated concentrations of lead which have been identified in surface soils at the Site.

Surface soil samples (0-6") were collected on a 25 foot grid throughout the unpaved areas of the Site, and have confirmed elevated concentrations of lead at the surface. The lead contaminated area of the Site to be addressed as part of the removal action described herein, has an average concentration of 2,100 ppm and a maximum concentration of 7,900 ppm. In addition to the contaminated surface soils, numerous drums were found inside the former manufacturing building.

While most of the drums were found to be empty, a small number of drums were inaccessible and could not be fully evaluated to determine their contents. The City of Camden's environmental consultant has confirmed the presence of three underground storage tanks (USTs). Two of the USTs are empty, and the third contains approximately 100 gallons of waste oil.

Based on the aforementioned findings and the fact that the Site is readily accessible to the public, EPA has determined that the Site is eligible for CERCLA removal action funding.

2. Physical location

The Site is located at 308-322 North Front Street, otherwise known as Block 62, Lots 38, 45 and 103 on the tax map of the City of Camden, Camden County, New Jersey. The Site is situated in a densely populated neighborhood with a day care center, public library, and the Rutgers University student dormitories within 200 feet of the Site.

3. Site characteristics

An abandoned multilevel manufacturing building is located at the rear of the Site. An unpaved courtyard/parking area are in the front of the Site bordering North Front Street.

4. Release or threatened release into the environment of a hazardous substance, or pollutant, or contaminant

Analyses of surface soil samples collected during the RSE have confirmed the release of lead which is a listed hazardous substance as defined by Section 101(14) of CERCLA. There remains the potential for future off-site releases via the migration of contaminants through erosion and/or wind dispersion. The contents of the UST, and possibly some of the drums, may be released into the environment.

5. National Priorities List (NPL) Status

The Site is not on the NPL.

6. Maps, pictures and other graphic representations

See Appendix B.

B. Other Actions To Date

1. Previous actions

To date, the EPA has not taken any mitigative action at this Site.

2. Current actions

EPA has completed its RSE and will initiate a response action as described herein upon the authorization of the required funding. Upon completion of these actions, any remaining environmental considerations should be addressed through the City of Camden's Brownfields redevelopment program.

C. State and Local Authorities' Role

1. State and local actions to date

The City of Camden has completed a Phase I Site investigation which included the excavation of test-pits in 1997. At that time, the contents of two of the three USTs were removed and disposed of as a health and safety precaution.

2. Potential for continued State/local response

State and local government agencies are financially incapable of undertaking a timely response action to eliminate the threats posed by the Site as described herein. Any additional environmental remediation work should be addressed through the City's Brownfields redevelopment program.

III. THREAT TO PUBLIC HEALTH, OR WELFARE, OR THE ENVIRONMENT AND STATUTORY AND REGULATORY AUTHORITIES

A. Statutory and Regulatory Authorities

The conditions at the Site meet the criteria for a CERCLA removal action as described in 40 CFR 300.415(b)(2) of the NCP. Factors that support conducting a removal action at the Site include:

- (i) **Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, or pollutants, or contaminants;**

The concentration of lead in surface soils pose a potential public health threat to children who may frequent the Site.

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

Any hazardous substances within the drums and UST may be released into the environment unless addressed in a timely manner.

- (iv) **High levels of hazardous substances, or pollutants, or contaminants in soils largely at or near the surface, that may migrate; and**

Lead concentrations up to 7,900 ppm have been identified in surface soils. The lead may migrate due to weather conditions or intrusive activities.

- (vii) **The availability of other appropriate federal or State response mechanisms to respond to the release.**

The Site was initially identified by the City of Camden. However, due to the lack of funding, the Site was referred for CERCLA removal action consideration by EPA's Brownfield's Coordinator on behalf of the City of Camden.

B. Threats to the Public Health or Welfare

Analytical results indicate that lead is present in site surface soils at concentrations that can endanger public health. This substance as defined by Section 101(14) of CERCLA is listed in Table 302.4 of CFR Part 302 of the NCP.

The numerous drums at the Site are believed to be empty. However, the contents of all drums could not be confirmed and the potential release of any contents remaining in the drums may further threaten public health. Also, due to its unknown integrity, the contents of the UST have the potential for a release.

The Site is not secure and poses a health threat to persons who may come in direct contact with the hazardous substances described above.

C. Threats to the Environment

The concentration of lead in the soil is significant, and the contents of the UST and drums are at risk for a release. Any migration of lead contaminated soils or the contents of the UST and drums will further impact the environment.

IV. ENDANGERMENT DETERMINATION

Actual or threatened releases of hazardous substances from the Site, if not addressed by implementing the response action selected in this Action Memorandum, may present an imminent and substantial endangerment to public health, or welfare, or the environment.

V. PROPOSED ACTIONS AND ESTIMATED COSTS

A. Proposed Actions

1. Proposed action description

Based on available data, it has been determined that lead is the contaminant of concern and will therefore dictate what extent of soil removal will be necessary. The action selected to mitigate threats posed by the contaminated soils present at the Site include the excavation and off-site disposal of soils with a concentration greater than 1,000 ppm. The excavation will proceed to a maximum depth of 24", and it is anticipated that the excavation will encompass approximately 20% of the unpaved area of the Site. (see Appendix A) Once the contaminated soils have been excavated, they will be loaded for transport to an appropriate off-site disposal facility. A post-excavation soil sampling plan will be implemented to verify that excavation activities were effective in removing the hazardous substances. All excavated areas will be backfilled and restored to pre-removal conditions.

In addition to addressing contaminated soils at the Site, EPA will inventory all drums on-site to ensure that any remaining contents are characterized and disposed of off-site as required. The contents of the UST will also be characterized and disposed of appropriately.

2. Contribution to remedial performance

Although no long-term cleanup of the Site by EPA is anticipated, the removal activities requested herein would be compatible with any cleanup planned for the Site.

3. Description of alternative technologies

EPA has conducted numerous removal actions at other sites which exhibit similar conditions to those at the Container Recyclers Site. Evaluation of the following treatment alternatives was undertaken for these other removal actions, with "Excavation and Off-Site Disposal" being selected as the most suitable:

- In situ vitrification of contaminated soils;
- Post-excavation vitrification of contaminated soils with the potential of resource recovery;
- Soil washing; and
- Excavation and Off-Site Disposal.

The selection of Excavation and Off-Site Disposal provides a permanent remedy by removing hazardous substances which constitute a threat to public health and the environment. Furthermore, the proposed method meets the two objectives of the alternative technology policy:

- 1) Timely response and protection of human health and the environment; and
- 2) The alternative selection criteria of effectiveness, implementability and cost.

4. **Engineering evaluation/cost analysis (EE/CA)**

Due to the time-critical nature of this removal action, an EE/CA will not be prepared.

5. **Applicable or relevant and appropriate requirements (ARARs)**

ARARs within the scope of this removal action, which pertain to the excavation, transportation and disposal of hazardous waste, will be attained to the extent practicable. The federal ARAR, which may be applicable to this removal action, is the Resource Conservation and Recovery Act.

6. **Project Schedule**

The proposed action can be initiated once funding has been allocated. All required removal activities are expected to be completed within six weeks of implementation.

B. Estimated Costs

A summary of the funding to be approved for this action is presented below. The figures have been rounded from the detailed cost estimate, which is based on EPA's Removal Cost Management System and presented in Appendix B to this document.

Extramural Costs:

ERRS Cleanup Contractor Costs:	\$150,000
20% Contingency:	\$ 30,000
Subtotal (Regional Allowance Costs)	\$180,000
Total START Costs	\$ 50,000
TOTAL, EXTRAMURAL COSTS	\$230,000

Intramural Costs:

Direct Costs:	\$ 25,000
Indirect Costs:	\$ 25,000
20% Contingency	\$ 10,000
TOTAL, INTRAMURAL COSTS	\$ 60,000
TOTAL , REMOVAL PROJECT CEILING	\$290,000
TOTAL (ROUNDED)	\$300,000

VI. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

Should no action be taken, or the planned action delayed, the risk to the public health will be increased through prolonged exposure to contaminated soil. Hazardous substances could migrate beyond the current limits of contamination, increasing the health threat to adjacent areas and also increasing the overall cost of the required removal action.

VII. OUTSTANDING POLICY ISSUES

No known outstanding policy issues associated with the Site.

VIII. ENFORCEMENT

Based on information available at the time of this writing, EPA is unaware of any viable PRPs who would be prepared to conduct the required removal activities in a timely manner. However, additional information obtained during EPA's ongoing enforcement effort may result in the issuance of Notice/104 Letters to one or more PRPs. EPA will issue Notice/104 letters to the site owner/operators prior to initiating this action. EPA's enforcement efforts will also include a review of the NJDEP's files with the intent of developing a potential client list which will be evaluated to determine the appropriateness of issuing additional Notice/104 Letters prior to initiating the required response action.

IX. RECOMMENDATIONS

This decision document represents the selected removal action for the Container Recyclers Site in the City of Camden, Camden County, New Jersey. This document was developed in accordance with CERCLA, as amended, and is not inconsistent with the NCP. This decision is based on the administrative record for the Site.

Conditions at the Site meet the NCP Section 300.415(b)(2) criteria and I recommend your approval of the proposed removal action. The total project ceiling for this removal action, if approved, will be \$300,000. Sufficient funding is available in the current Advice of Allowance to finance the project as described in Section V of this document.

Please indicate your approval and authorization of funding, as per current Delegation of Authority, by signing below.

Approval: William McCabe
Richard L. Caspe, Director
Emergency and Remedial Response Division

Date: 4/14/00

Disapproval: _____
Richard L. Caspe, Director
Emergency and Remedial Response Division

Date: _____

cc: (after approval is obtained)
R. Caspe, ERRD-D
W. McCabe, ERRD-DD
R. Salkie, ERRD-RAB
J. Rotola, ERRD-RAB
B. Dease, ERRD-RPB
G. Zachos, ACSM/O
B. Bellow, EPD
D. Karlen, OR-NJSUP
R. Gherardi, OPM-FIN
K. Weaver, OPM-FIN
T. Johnson, 5202G
J. Smolenski, NJDEP
G. Wheaton, NOAA
A. Raddant, DOI
O. Douglas, START

APPENDIX A

MAPS

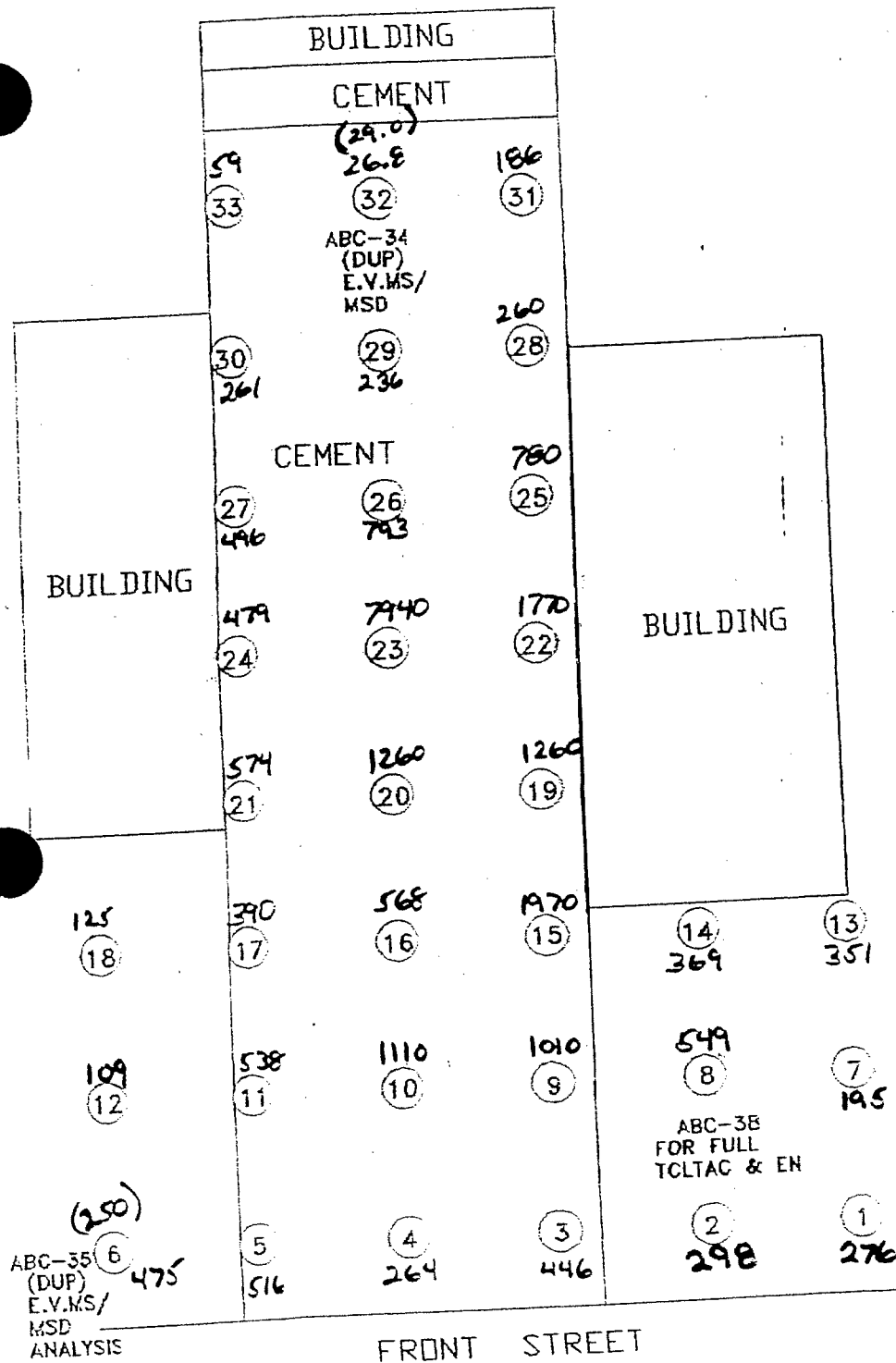


FIGURE 2 - SITE MAP
 ABC BARREL SITE
 CAMDEN, CAMDEN CO., NEW JERSEY
 AUGUST 1998
 US EPA REMOVAL ACTION BRANCH
 SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
 CONTRACT# 68-MS-0019

WESTON Roy F. Weston, Inc.
 FEDERAL PROGRAMS DIVISION

IN ASSOCIATION WITH PRG ENVIRONMENTAL MANAGEMENT, INC.,
 C.G. JOHNSON & MALHOTRA, P.C., RESOURCE APPLICATIONS, INC.,
 R.E. SARRIERA ASSOCIATES, AND GRB ENVIRONMENTAL SERVICES, INC.

DRAWN BY : J. HAMPTON JR.
 EPA TASK MONITOR: N. HORRELL
 START PROJECT MANAGER: E. WADDLETON

APPENDIX C
Site Investigation Report (8,000-Ga Diesel UST Closure)
(ENVision, Inc., Feb. 10, 2006)

**SITE INVESTIGATION REPORT
COOPER GRANT DEVELOPERS, LLC
308-322 N. FRONT STREET
CAMDEN CITY, CAMDEN COUNTY, NEW JERSEY
NJDEP TMS #: C03-3522
NJDEP FACILITY ID #: 006594**

February 10, 2006

Prepared for:
**COOPER GRANT DEVELOPERS
C/O PENNROSE PROPERTIES, LLC
ONE BREWERY PLACE
1301 N. 31ST STREET
PHILADELPHIA, PA 19121
and
EHS ENVIRONMENTAL, INC.
9 South Main Street
Mullica Hill, New Jersey 08062**

**SITE INVESTIGATION REPORT
COOPER GRANT DEVELOPERS, LLC
FORMER AABCO STEEL DRUM, INC. FACILITY
308-322 N. FRONT STREET
CAMDEN CITY, CAMDEN COUNTY, NEW JERSEY
NJDEP TMS #: C03-3522
NJDEP FACILITY ID #: 006594**

February 10, 2006

Prepared for:

COOPER GRANT DEVELOPERS, LLC
PENNROSE PROPERTIES, LLC
One Brewery Park
1301 N. 31st Street
Philadelphia, PA 19121

Prepared by:

RAYMOND P. DUCHAINE, P.G.
Principal Hydrogeologist – ENVision, Inc.
NJ Subsurface Evaluator #0010209

Prepared and Reviewed by:

Jack Carney, *President*
EHS Environmental, Inc.
9 South Main Street
Mullica Hill, NJ 08062

EXECUTIVE SUMMARY

Pennrose Properties, LLC (“Pennrose”) acting on behalf of Cooper Grant Developers, LLC retained EHS Environmental, Inc. (“EHS”) to coordinate and provide professional oversight for the removal of a regulated underground storage tank (“UST”) at a site located at 308 to 322 North Front Street in the City of Camden, Camden County, New Jersey. The property is a former drum reconditioning facility that is schedule for future residential development. The site development process was initiated by demolishing the existing buildings, after which the regulated UST that is the subject of this report was excavated and removed from the property.

Significant accomplishments and findings associated with the UST removal effort include:

- The removal of one 8,000-gallon registered diesel UST from the site.
- Slightly elevated photo ionization detector readings were recorded from selected soil samples collected subsequent to UST removal.
- Odors were qualitatively detected from the excavation during tank removal and in selected post-removal soil samples.
- Post-removal soil samples indicate that no targeted analytes are present in soil beneath the site at concentrations in excess of current Soil Cleanup Criteria established by the New Jersey Department of Environmental Protection.

On the basis of these findings, no further action is recommended for this site.

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APPENDICES

- APPENDIX A NJDEP Closure-Notice of Intent Form (Underground Storage Tank System)
- APPENDIX B Tank Removal Documentation
- Bills of Lading
 - Tank Destruction Receipt
- APPENDIX C Analytical Data and Chain of Custody

Site Remediation Program

UST Site/Remedial Investigation Report Certification Form

A. Facility Name: ~~XXXXXXXXXXXXXXXXXXXX~~ COOPER GRANT DEVELOPERS, LLC
Former AABCO Steel Drum Facility
Facility Street Address: 308-322 North Front Street

Municipality: Camden County: Camden

Block: 62 Lot(s): 38 and 45 Telephone Number: Not Applicable (site vacant)

B. Owner (RP)'s Name: Pennrose Properties LLC

Street Address: One Brewery Park, 1301 North 31st Street City: Philadelphia

State: Pennsylvania Zip: 19121 Telephone Number: 267-386-8600

C. (Check as appropriate)

- Site Investigation Report (SIR) \$500 Fee
Remedial Investigation Report (RIR) \$1000 Fee

D. (Complete all that apply)

- Assigned Case Manager: Mike Tompkins
UST Registration Number: 006594 (7 digits)
Incident Report Number (10 or 12 digits)
Tank Closure Number C04-3522 C9 C9 (7 characters)

E. Certification by the Subsurface Evaluator:

The attached report conforms to the specific reporting requirements of N.J.A.C. 7:26E Yes No

Name: Raymond P. Duchaine Signature: [Signature] UST Cert. No.: 0010209

Firm: ENVISION, INC. Firm's UST Cert. Number: US00328

Firm Address: 130 Hickman Road (Suite 26) City: Claymont
State: Delaware Zip: 19703 Telephone Number: 302-791-9939

(NOTE: Certification numbers required only if work was conducted on USTs regulated per N.J.S.A. 58:10A-21 et seq.)

F. Certification by the Responsible Party(ies) of the Facility:

The following certification shall be signed [according to the requirements of N.J.A.C. 7:14B-1.7(b)] as follows:

- 1. For a Corporation by a person authorized by a resolution of the board of directors to sign the document.
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
3. For a municipality, State, federal or other public agency by either a principal executive officer or ranking elected Official.

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

Name (Print or Type): Charles Lewis Title: Vice President

Signature: [Signature]

Company Name: Pennrose Properties, LLC / Cooper Grant Developers Date: 2/13/06

1.0 INTRODUCTION

EHS Environmental, Inc. (“EHS”) was retained by Pennrose Properties, LLC (“Penrose”) on behalf of Cooper Grant Developers, LLC to coordinate and provide professional oversight for the removal of an underground storage tank (“UST”) at a site located at 308-322 North Front Street in Camden, Camden County, New Jersey. The site was previously occupied by AABCO Steel Drum Company. In October, 2003 the City of Camden Redevelopment Authority initiated site development by demolishing site buildings on the property.

During its initial assessment of the property for Pennrose EHS identified one regulated UST at the site. The UST had been previously registered as an 8,000-gallon medium diesel fuel tank. Work on this project was conducted under the NJDEP UST closure permit TMS #: C04-3522 (Appendix A).

The information presented in the following sections has been provided to comply with the requirements for a Site Investigation (“SI”) report as detailed in N.J.A.C. 7:26E-3.13. Historical and background information associated with the site is summarized in Section 2.0. Methods and results of the SI are presented in Section 3.0 and 4.0, respectively. Section 5.0 presents conclusions and recommendations based on the results of the investigation. Appendices to this document include closure-related notification forms and documentation, analytical data, and disposal documentation. In accordance with current NJDEP policy, an electronic data submittal does not accompany this document due to the exemption for samples collected as part of a one-time sampling event.

2.0 SITE DESCRIPTION AND BACKGROUND

2.1 Site Location and Setting

The subject site is located in the northwestern section of the City of Camden in Camden County, New Jersey. The property is located on the east side of Front Street north of the intersection of Front Street and Penn Street (Figure 1). The site is roughly rectangular in shape with the exception of a small parcel on the south side of the site that intersects Penn Street.

2.2 Area Geology and Hydrogeology

The site is situated within the Atlantic Coastal Plain physiographic province, a regional, southeast-dipping wedge of unconsolidated clastic sediments. Geologic mapping of the site area indicates that the site is underlain by the Potomac Formation.

Local topography and background information indicates that the prevailing direction of regional surface drainage and groundwater flow would most likely be to the west/ southwest toward the Delaware River. The Delaware River is located approximately one-quarter mile from the site (Figure 1).

2.3 Site History

Block 65, Lot 103 has historically been the site of a residential dwelling or a vacant lot. Block 62, Lots 38 & 45 have historically been utilized for industrial/manufacturing purposes since at least 1885. The site was last occupied by AABCO Steel Drum, Inc., a facility that reconditioned steel drums up until approximately 1996. The site buildings were demolished in 2002-2003 by the City of Camden, NJ. In 2005 the building foundations and slabs were removed along with the underground tank on behalf of Pennrose Properties, LLC who intends to develop the site.

Remington & Vernick Engineers, on behalf of the City of Camden, completed a Preliminary Assessment/Site Investigation (PA/SI) (Case #95-09-14-1206-53). On December 18, 1996 the PA was submitted to the NJDEP, Division of Responsible Party Site Remediation for review. Based upon a review of the PA by the NJDEP-Site Remediation Program, the SI was performed to investigate the AOC's identified in the PA report.

On June 3, 1999, the SI was submitted to the NJDEP-Site Remediation Program for review. Based on review of the SI, additional information was requested. A revised SI dated June 25, 1999 was submitted for review to the NJDEP-Site Remediation Program. The revised SI identified several AOC's with contaminant concentrations above NJDEP Soil Clean-up Criteria and Groundwater Quality Criteria.

AABCO Steel Drum, Inc.'s reconditioning process consisted of cleaning and painting open-ended drums. A 3% to 4% caustic soda wash, rinse, and steam dry was used to clean the drums. Once the drums were clean, they were painted using a black water base, fast air drying hood. All reconditioning processes were performed indoors. According to available records, the facility only accepted drums that could be cleaned using a caustic soda process. These drums contained substances such as hydraulic oil, food, juices, soap and low viscosity fluids. Drums which required cleaning by other methods such as thermal processes or chemical or solvent treatments were set aside and then sent to other drum reconditioning facilities. Hazardous wastes were generated at the facility. They consisted of residual oil wastes from the drums and rinse water associated with the drum washing process. As oil drums were delivered to the facility, any residual material was drained into a collection drum. Later, a waste oil tank allegedly replaced the collection drum. The accumulated material was removed within 90 days by a licensed hazardous waste hauler.

The caustic soda rinse water associated with the drum washing process discharged into the sanitary sewer system. Prior to reaching the sanitary system, the effluent passed through a concrete, subsurface oil and water separator. Sludge settled to the bottom and oils floated to the top. The liquid in the center was released to the sanitary sewer. A pretreatment tank was allegedly installed to treat the effluent (by raising the pH) prior to the effluent's discharge into the oil and water separator.

3.3 UST Removal Oversight and Soil Sampling

During the removal of the USTs, EHS inspected the tank and excavated spoils while ENVISION documented subsurface conditions (NJDEP Subsurface Evaluator Certification #US00328). The inspection consisted of the periodic collection of excavated soil for evidence of odors and/or staining, evaluation of the excavation for staining and/or free phase hydrocarbon, physical inspection of the removed UST, and the collection of discrete soil samples for field and laboratory analysis. Soil samples were field analyzed for volatile organic content using a RAE™ Classic photo ionization detector (“PID”) that was calibrated to 100 parts per million (“ppm”) of isobutylene in air.

ENVISION collected soil samples for laboratory analysis from the UST excavation following tank removal. Soil samples were collected in accordance with requirements stipulated in N.J.A.C. 7:26E-6.3. Five soil samples were collected along the bottom of the excavation.

Soil samples were obtained directly from the excavation using the excavator bucket; the samples were collected manually from the bucket using dedicated, nitrile gloves. All soil samples were submitted to EMSL Laboratories (“EMSL”) of Westmont, New Jersey, a NJDEP-certified analytical laboratory (certification #04653) on February 7, 2005. In accordance with the provisions of Table 2-1 of N.J.A.C. 7:26E-2.1(d), these samples were submitted for analysis of total petroleum hydrocarbons (“TPHC”) by EPA Method 418.1. Upon receipt of the TPHC results, the samples were analyzed for additional parameters. These additional analyses, as stipulated by N.J.A.C. 7:26E-2.1(d), are outlined in Table 2.

TABLE 2
Supplemental Analytical Parameters

AOC	VOCs +10	SVOCs + 15	PP-Metals	PCBs
UST-1	✓			

Soil samples collected for VOC analysis were field preserved in accordance with EPA Method 5035 “Closed-System Purge and Trap And Extraction For Volatile Organics In Soil and Waste Samples”.

3.0 SITE EVALUATION METHODS

3.1 Investigative Program Overview

The SI program consisted of the excavation and removal of one UST and investigation of subsurface conditions within the Area of Concern (“AOC”). The AOC has been identified as follows:

TABLE 1
Area Of Concern

AOC	Reported Capacity	Actual Capacity	Piping	Contents
UST-1	8,000 gallon	8,000 gallon	Yes	No. 2 Medium Diesel

The UST was excavated and removed on February 2 and 3, 2005 and soil samples were collected from the UST excavation on February 4, 2005.

3.2 UST System Decommissioning

Terra Environmental Contractors, Inc. (“Terra”) of West Chester, Pennsylvania (NJDEP Certification #US00704) performed the excavation, removal and proper decommissioning of the UST. Residual fluids contained in the UST were pumped, transported and disposed of by Eldredge Inc. of West Chester, Pennsylvania (EPA ID # 0002479657). A total of approximately 1,500 gallons of residual fluids were evacuated from the UST (Appendix B). The UST was rendered unusable for storage and cleaned on-site. The UST was disposed of at Camden Iron in Camden, New Jersey (Appendix B).

3.4 Project Quality Assurance and Quality Control

ENVISION followed standard Quality Assurance/Quality Control ("QA/QC") practices during all sampling activities. Soil sampling was conducted using standard soil sampling QA/QC procedures. Dedicated vinyl or nitrile gloves were worn by the sampler during sample collection and were discarded after collection of each sample. Once collected, the soil samples were immediately placed into an iced cooler and were retained on ice until delivery to GLA.

A laboratory-prepared trip blank accompanied the soil sample containers from the laboratory through the sampling event and was submitted for analysis of VOCs as part of project QA/QC protocol. Dedicated sample collection materials were used at each soil sample location, eliminating the need for a field equipment rinse blank.

3.5 Project Health and Safety Procedures

During all on-site activities, ENVISION site personnel adhered to the site-specific HASP that was prepared in advance of the actual field investigation. The HASP was prepared with specific references to United States Environmental Protection Agency ("USEPA") Standard Operating Safety Guides and Occupational Safety and Health Administration ("OSHA") Health and Safety Practices (29 CFR Part 1910). All ENVISION personnel who participated in the field investigative activities at the site were in possession of current and valid HAZWOPER training that meets the criteria of OSHA regulations stipulated in 29 CFR 1910.120. All site work performed as part of this investigation was conducted under modified Level D protection.

4.0 INVESTIGATIVE FINDINGS

4.1 Condition of UST

EHS physically inspected the UST following excavation and removal. The UST was a single wall, bare steel tank. Although some rust and pitting were evident on the exterior surface the UST, no indications or evidence was observed of holes, weep areas or breaches in the tank.

4.2 Soil Quality

4.2.1 Qualitative Soil Quality

EHS indicated the qualitative indications of potentially degraded soil quality were noted in soil excavated during removal of the UST. Hydrocarbon fuel-type odors in soil were noted in soil excavated from portions of the top and sides of the UST. An unidentifiable odor was noted in two of the soil samples collected from the bottom of the excavation. Maximum field head-space readings for samples collected from the UST excavation ranged from 21.8 parts per million per unit volume (ppm-v) equivalent to isobutylene to 159 ppm-v.

Based on the results of the qualitative soil analysis, soil excavated during the removal of the UST was stockpiled on-site.

TABLE 3
Soil Sample Head Space Measurements

Sample Identification	Head Space Measurement (ppm-v)	Remarks
CT-1	21.8	No odor
CT-2	41.9	Slight odor
CT-3	50.8	Slight odor
CT-4	69.6	No odor
CT-5	159	No odor

NOTE: Soil head-space measured using a RAE™ Classic photo ionization detector calibrated to 100 ppm of isobutylene in air.

4.2.2 Quantitative Soil Quality

Post excavation soil samples were collected from the UST and submitted for laboratory analysis (Table 4). TPHC results ranged from less than 28.7 milligrams per kilogram (“mg/kg”) in samples CT-1 and CT-2 to 2,300 mg/kg in CT-5. Supplemental laboratory analysis was performed on all of the samples from the excavation based on historical site data indicating the presence of VOC’s in soil at various locations at the site.

The supplemental soil sample analyses indicate that volatile organic compounds were detected at estimated concentrations in soil samples CT-3, CT-4 and CT-5 (Table 4). VOCs, in the form of tetrachloroethene, toluene, and xylenes, were detected in the supplemental analysis of the soil samples (Table 4). However, the reported concentrations of all three of these parameters were well below the current NJDEP Soil Cleanup Criteria (“SCC”) for these compounds. Analytical data sheets and the associated documentation for the soil samples are included in Appendix C of this report.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 AOC-1: UST-1:

Data generated during the UST decommissioning and subsequent SI of soil quality at the subject location indicate the presence of low concentrations of VOCs in the soil samples collected from the UST excavation.

AOC-1 consisted of one, 8,000-gallon steel UST historically used to store medium diesel fuel. Five soil samples were collected along the bottom of the UST excavation and submitted for laboratory analysis. Soil excavated during the removal of the tank and the UST excavation were field inspected for possible impacts during the SI.

UST decommissioning indicated that the UST was in fair condition with no obvious holes or leaks. Qualitative indications of staining and hydrocarbon odors were noted in the UST excavation. Soil excavated during the removal of the tank was stockpiled at the site. On the basis of this observation and the absence of holes and leaks from the tank, EHS has concluded that the detected impact to soil was most likely the cumulative result of spills and/or overfills that occurred during fuel transfers.

Qualitative analysis of soil samples collected from the UST excavation indicated unidentifiable odors in two of the five samples. PID response from soil samples collected from the excavation ranged from 21.8 ppm-v to 159 ppm-v. Analytical data from the soil samples indicate low concentrations of three VOC's (Table 4). TPHC was detected at concentrations ranging from 800 to 2300 mg/kg in soil samples collected from the excavation. No contaminants were detected in soil at concentrations above current NJDEP SCC.

On the basis of the soil analytical data generated during the SI, no further action is recommended for AOC-1.

5.2 Cost of Site Investigation

The total cost associated with the UST Decommissioning and Site Investigation at the North Front Street Associates property located at 308-322 North Front Street in Camden, Camden County, New Jersey is \$46,719.86.

TABLE 4
Soil Sample Analytical Data
North Front Street Associates

308-322 North Front Street
 Camden, New Jersey
 NJDEP TMS #CO4-3522
 NJDEP Facility ID #006594
 (detected compounds only)

Sample ID Laboratory ID	CT-1	CT-2	CT-3	CT-4	CT-5	CT-Dup	NJDEP SCC	
Media Date	Soil 2/7/05	Soil 2/7/05	Soil 2/7/05	Soil 2/7/05	Soil 2/7/05	Soil 2/7/05	RDCSCC	IGWSCC
Sample Location	Exc. Bottom	Exc. Bottom	Exc. Bottom	Exc. Bottom	Exc. Bottom	Duplicate of CT-2	NRDCSCC	IGWSCC
TPHC	< 28.7	< 27.8	1200	800	2300	< 28.7	10000	10000

VOCs

Toluene	ND	ND	0.19 J	ND	0.16 J	ND	1000	1000	500
Tetrachloroethene	ND	ND	0.14 J	0.15 J	0.31 J	ND	4	6	1
Xylenes-Meta & Para	ND	ND	ND	ND	0.17 J	ND	NS	NS	NS
Xylenes-Ortho	ND	ND	ND	ND	ND	ND	NS	NS	NS
Total Xylenes	ND	ND	ND	ND	0.17 J	ND	410	1000	67
Total VOC TICs	ND	ND	ND	ND	1.0	ND	1000	1000	1000
Total VOCs	ND	ND	0.33 J	0.15 J	1.64	ND	1000	1000	1000

Notes:

- All results in milligrams per kilogram ("mg/kg").
 - Sample locations depicted on Figure 3.
 - ND = Not Detected
 - Blank cell indicates parameter not analyzed.
 - NJDEP SCC = New Jersey Department of Environmental Protection Soil Clean up Criteria (May 1999).
 - RDCSCC = Residential Direct Contact Soil Cleanup Criteria
 - NRDCSCC = Non-Residential Direct Contact Soil Cleanup Criteria
 - IGWSCC = Impact to Ground Water Soil Cleanup Criteria
 - NS = No clean-up standard established.
 - J = Estimated concentration.
- Key to Analytical Parameters:**
 TPHC = total petroleum hydrocarbons
 VOCs = volatile organic compounds
 TICs = tentatively identified compounds

FIGURES

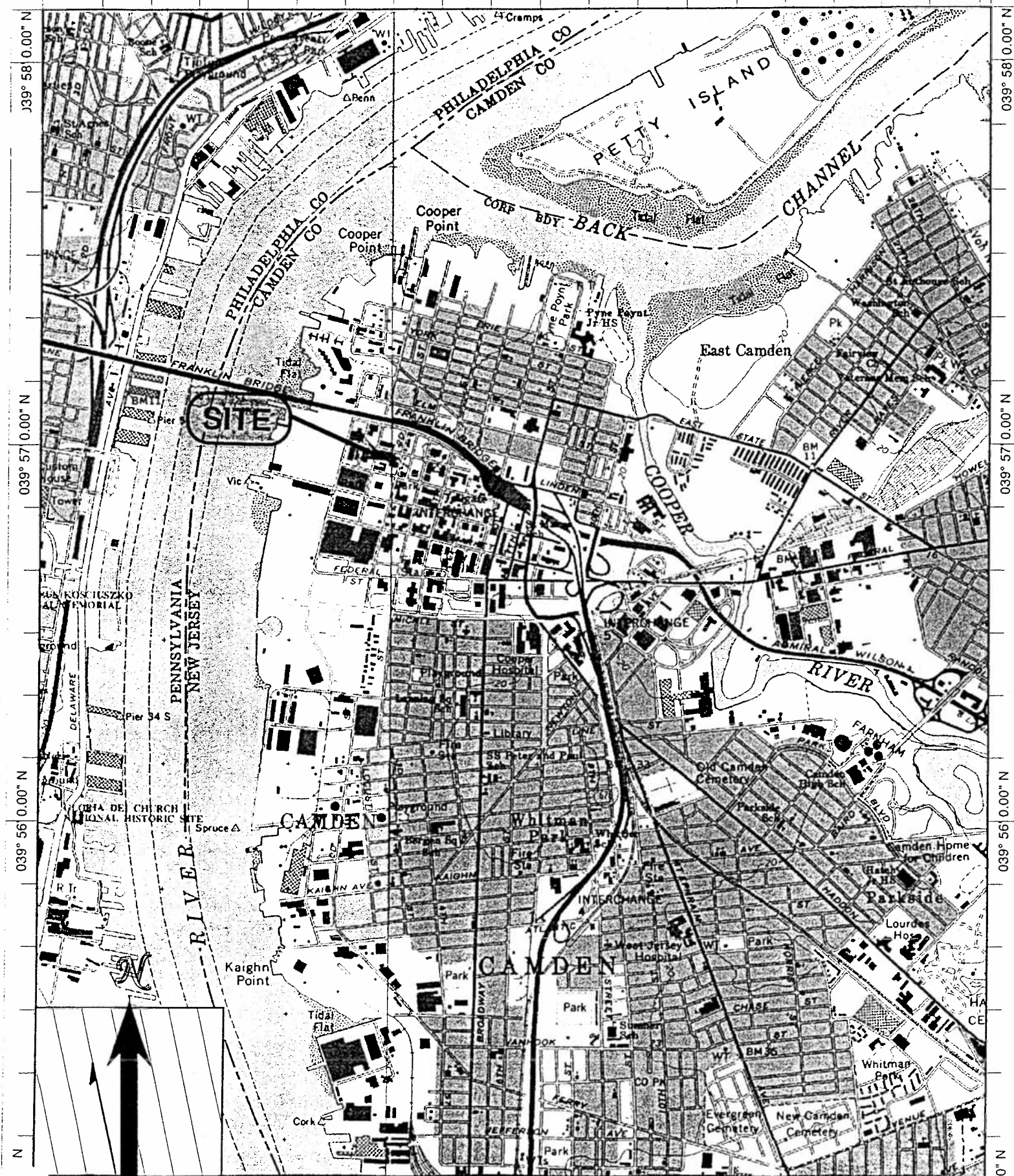
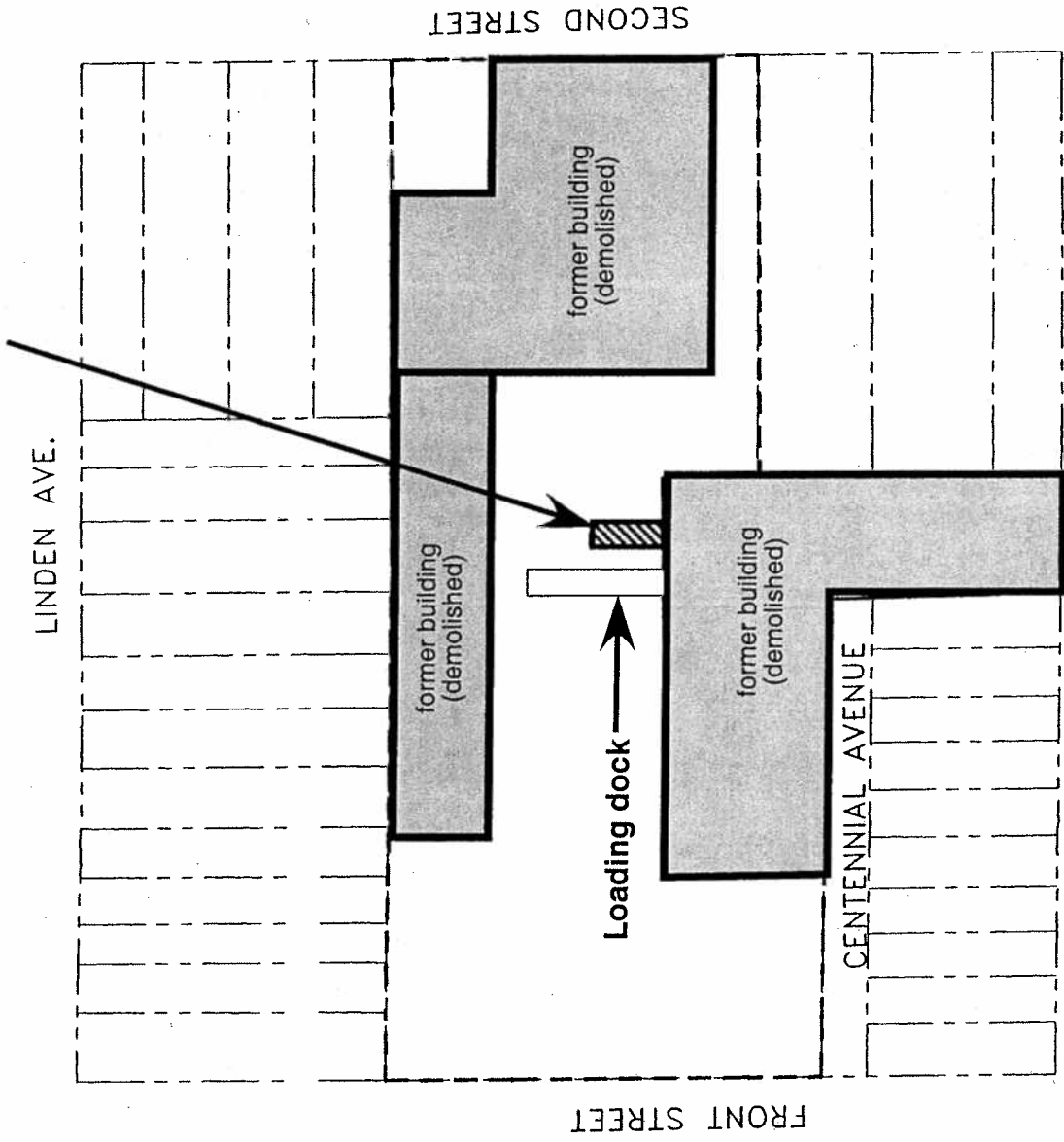


FIGURE 1

Site Location
 North Front Street Associates
 UST Facility # 006594
 Camden, New Jersey

SCALE: 0 1000 2000 feet

Tank location



NOTE: Modified from plan prepared by Remington & Vernick

FIGURE 2

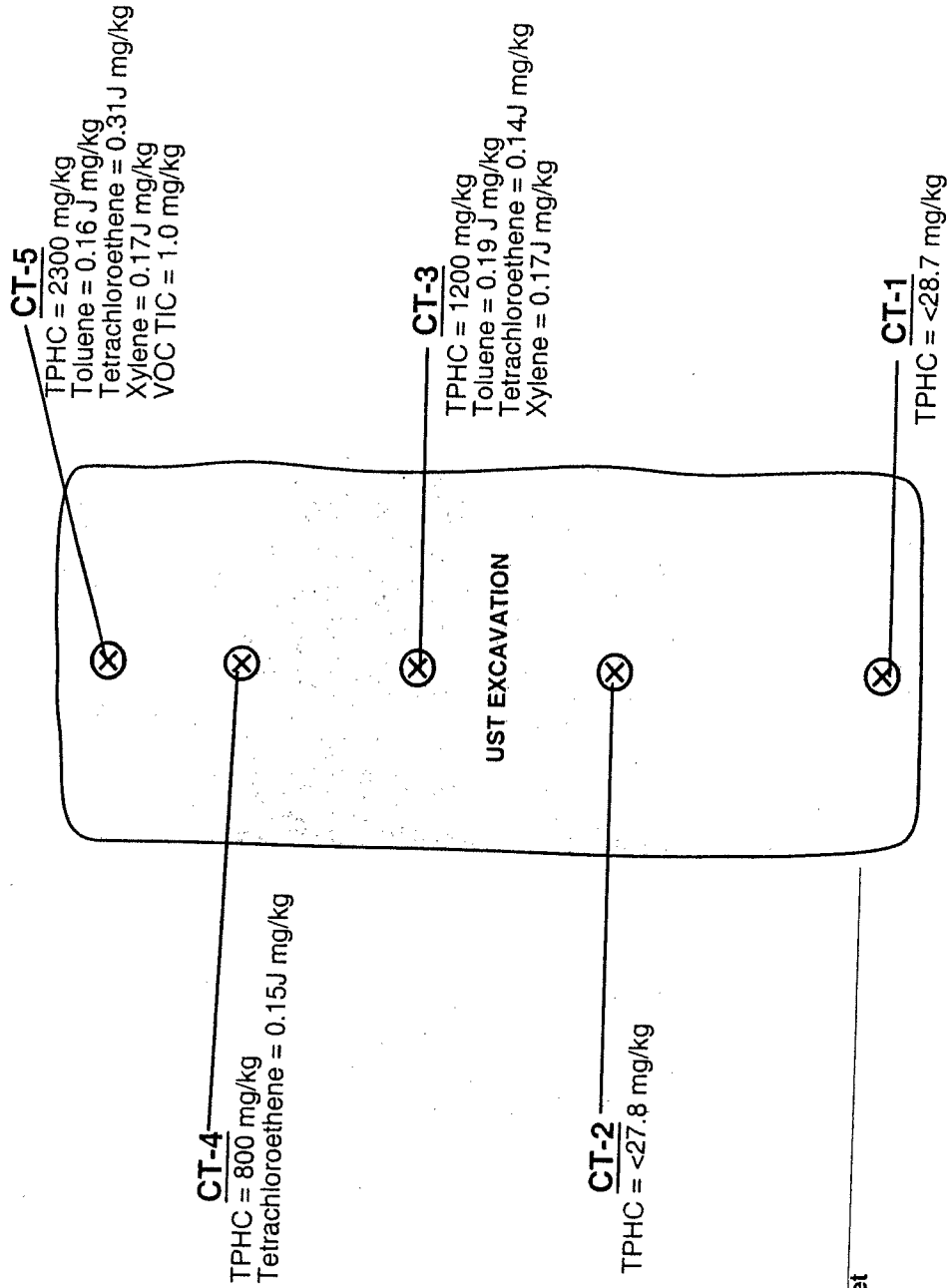
UST Location
 North Front Street Associates, City of Camden, Camden County, New Jersey
 UST Facility #006594

SCALE: 0 30 60 feet



North Front Street

170 feet to
North Front Street



Analytical Data Key

TPHC = Total Petroleum Hydrocarbons
mg/kg = milligrams per kilogram
J = Estimated concentration

LEGEND

⊗ Post Excavation Soil Sample (2/7/05)

Soil Sample Locations - Former Medium Diesel Fuel UST (February 7, 2005)
UST Facility# 006594-North Front Street Associates
North Front Street, Camden, New Jersey

FIGURE 3

SCALE: 0 2.5 5 feet
(approximate)

APPENDIX A

**NJDEP Closure-Notice of Intent Form
(Underground Storage Tank System)**



Division of Remediation Support
Bureau of Risk Management, Initial Notice and Case Assignment
PO Box 435
Trenton, NJ 08625-0435
(609) 633-0708

**CLOSURE - Closure Plan Approval
Underground Storage Tank System**

Effective Date: 11/12/2004
Expiration Date: 11/12/2005

TMS #: C04-3522
Activity #: UCL040001

Facility ID #: 006594

Facility Name:
NORTH FRONT ST ASSOCIATES

Facility Address:
308-322 N FRONT ST
Camden City
Camden County

Decommission, close and conduct a site investigation for the UST(s) and all associated piping specified in this approval in accordance with the Technical Requirements for Site Remediation, N.J.A.C. 7:26E.

The management of any excavated soils must follow the requirements listed in N.J.A.C. 7:14B-8.2.

Note: The UNDERGROUND STORAGE TANK SERVICES CERTIFICATION ACT, N.J.S.A. 58:10A-24, requires all services performed on an UST system for the purpose of complying with P.L.1986, c.102 to be performed by or under the immediate on-site supervision of a person certified by the Department for that service. The certified person providing that service must be employed by a business that is also certified by the Department for that service.

Contact Person: RAYMOND DUCHAINE **Telephone #:** (302) 791-9939

This Permit must be displayed at the Site during the Approved Activity and must be made available for inspections at all times.

The above listed facility is hereby granted approval to perform the attached activities in accordance with N.J.A.C. 7:14B-1 et. seq.

Gregory Cunningham for
Rafael Rivera, Supervisor
Bureau of Risk Management, Initial Notice and Case Assignment

SI Report
NJDEP TMS #C03-3522
NJDEP Facility ID #006594

The Closure of the following:

One – 8,000 gallon registered diesel underground storage tank, and appurtenant piping.

APPENDIX B

Tank Removal Documentation

- **Bills of Lading**
- **Tank Destruction Receipts**

TERRA ENVIRONMENTAL CONTRACTORS
I N C O R P O R A T E D

CERTIFICATE OF DESTRUCTION

Presented to: EHS Environmental, Incorporated

This letter is to serve as a certificate of destruction for one (1) 5,000-gallon steel underground storage tank (UST). This tank was used to store #2 heating oil located at 308-322 North Front Street in Camden, New Jersey. Upon excavating to the top of the tank and creating an opening in the UST, the tank was vacuumed clean of all the residual oil/water. Following the tank cleaning procedures, the tank was decommissioned and thus deemed unfit for future use.

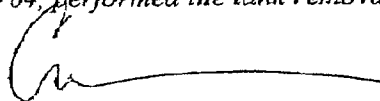
The tank shell was transported off-site to a steel re-melt facility for recycling. The facility used for the tank destruction was Camden Iron located in Camden, New Jersey.

Site Name: Former Cooper Grant Drum Facility

Location: 308-322 North Front Street, Camden, NJ

Date: 1/24/05

Terra Environmental Contractors, Inc., New Jersey Department of Environmental Protection Certification #00704, performed the tank removal work.



Conrad E. Muhly, IV
NJDEP Tank Removal Cert #00704

02/03/05
 Date

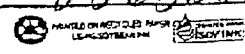
NON-HAZARDOUS WASTE MANIFEST

Phase print or type (Form designed for use on site (12 pitch typewriter))

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>NOT APPLICABLE</i>		Manifest Document No. <i>61401</i>	2. Page 1 of 1
3. Generator's Name and Mailing Address <i>PERNIX PROPERTIES 308-322 NORTH FRONT STREET CAMDEN, NJ 083101</i>					
4. Generator's Phone (610) <i>395-7000 PERNIX</i>		6. US EPA ID Number		A. State Transporter's ID <i>DPAD025658</i>	
5. Transporter 1 Company Name <i>TERRA ENVIRONMENTAL CONSERVATION INC NOT REGISTERED</i>		7. Transporter 2 Company Name		B. Transporter 1 Phone (610) <i>399-7000</i>	
9. Designated Facility Name and Site Address <i>ELDRIDGE, INC 895 FERRIS BLVD WEST CHESTER, PA 19380</i>		10. US EPA ID Number <i>PAID014146179</i>		C. State Transporter's ID	
11. WASTE DESCRIPTION		12. Containers		D. Transporter 2 Phone	
a. <i>OIL AND WATER DOT NON REGULATED</i>		No. <i>01</i>	Type <i>TT</i>	13. Total Quantity <i>ESTIMATED 1,500</i>	14. Unit Vol. <i>G</i>
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above <i>11A) 40-60% OIL (DIESEL) 40-60% WATER</i>		H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information <i>2# SURFACES TO SCALE CORRECTION</i>					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <i>Gene S. Bennett</i>		Signature <i>[Signature]</i>		Date <i>03/23/05</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date <i>03/23/05</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Amel Benjamin</i>		Signature <i>[Signature]</i>		Date <i>03/23/05</i>	

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY





898 Fennell Road
West Chester, PA 19380
Tel: phone: (610) 436-4749
FAX: (610) 436-6948

No 17142

Date 3/23/05

WEIGHMASTER CERTIFICATE

Customer's Name TERRA

Address _____

City, Town, Borough _____

Delivered By: _____

Address _____

City, Town, Borough _____

MATERIAL	
Gross	<u>62,640</u>
Tare	<u>41,460</u>
Net	<u>21,180</u>

Joan K. Wood
Weighmaster's Signature

062504
Weighmaster's License Number

Vehicle License No. _____

Trailer License No. _____

WHITE - CUSTOMER COPY	YELLOW - BILLING COPY	PINK - FILE COPY
-----------------------	-----------------------	------------------

Camden Iron & Metal, Inc - Frag. Site
1600 South Sixth Street
P.O. Box 385-7500
8988-8901

2119
MAYER POLLOCK STEEL CORP.
P O BOX 759
POTTSVILLE, PA 18464

Ticket# 260879
Total \$ 50.00
Total Lbs 2,520

February 03, 2005

Driver:
Truck:
Other:

Description: TERRA 3
Container In:
Container Out:

Notes: CLEANED UNDERGROUND OIL TANK FROM PARKVIEW APARTMENTS IN CAMDEN

Commercial Ticket - Number: 260879

Commodity	Gross	Tare	Tare ² Deduct	Net Wt	Price	Total
County - Bulky	38,040	35,520		2,520 G	0.0000	.00
	38,040	35,520		2,520		.00

Luac Simons
#3 Camden

Jack This ticket is for FRONT ST Camden

APPENDIX D

**SI/RI Sampling Summary and Sampling Location Plan
(Remington And Vernick, April 1999 and Oct. 2002)**

RI Sampling Summary and Analytical Results
(Remington and Vernick October 2002)

GROUNDWATER

GROUNDWATER SAMPLE SUMMARY TABLE - ABBCO STEEL DRUM SITE, CAMDEN, NJ (ROUND #1)								
AREA OF CONCERN	SAMPLE DATE	COMPOUNDS ANALYZED	FIELD ID (LAB ID)	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
Groundwater	8/15/01	VOLATILES LEAD	MW-1 (8100-003A)	13.96	None Detected			
Groundwater	8/15/01	VOLATILES LEAD	MW-2 (8100-004A)	12.44	None Detected			
Groundwater	8/15/01	VOLATILES LEAD	MW-3 (8100-005A)	12.94	None Detected			

GROUNDWATER

GROUNDWATER SAMPLE SUMMARY TABLE - ABBCO STEEL DRUM SITE, CAMDEN, NJ (ROUND #2)								
AREA OF CONCERN	SAMPLE DATE	COMPOUNDS ANALYZED	FIELD ID (LAB ID)	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
Groundwater	9/17/01	VOLATILES LEAD	MW-1 (9099-003A)	13.92	1, 2-Dichlorobenzene	8.84	600	
					Ethylbenzene	3.43	700	
					Total Xylenes	4.2	1000	
Groundwater	9/17/01	VOLATILES LEAD	MW-2 (9099-004A)	12.9	None Detected			
Groundwater	9/17/01	VOLATILES LEAD	MW-3 (9099-005A)	12.94	Lead	10	10	

OIL / WATER SEPARATOR

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION A2R (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
A2R6	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-008A	5.5-6.0	TPHC	5411	10000	
					Cadmium	17.8	39	
					Zinc	571	1500	
					Phenols	5.16	50	
					Beryllium	0.286	2	
					Di-n-butyl phthalate	0.501	100	
					Bis(2-ethylhexyl phthalate)	0.12	49	
					1,2,4-Trimethylbenzene	7.6	NS	
					1,3,5-Trimethylbenzene	3.38	NS	
					1,4-Dichlorobenzene	1.05	100	
					Chlorobenzene	0.916	1	
					Ethylbenzene	2.2	100	
					Isopropylbenzene	0.46	NS	
					Total Xylenes	8.71	67	
					n-Butylbenzene	0.51	NS	
					sec-butylbenzene	0.31	NS	
Toluene	7.2	500						
n-propylbenzene	0.66	NS						
A2R8	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-009A	7.5-8.0	TPHC	5195	10000	
					Cadmium	1.87	39	
					Zinc	59.9	1500	
					Beryllium	0.22	2	
					1,2-Dichlorobenzene	0.88	50	
					Di-n-butyl phthalate	3.6	100	
					Bis(2-ethylhexyl phthalate)	5.3	49	
					Phenanthrene	0.89	NS	
					1,2,4-Trimethylbenzene	6.6	NS	
					1,3,5-Trimethylbenzene	2.07	NS	
					1,2-Dichlorobenzene	7.7	50	
					Ethylbenzene	2	100	
					Total Xylenes	5.2	67	
Toluene	8.1	500						
A2R10	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-010A	9.5-10.0	TPHC	5192	10000	
					Cadmium	2.8	39	
					Zinc	74	1500	
					Anthracene	0.471	100	
					Di-n-butyl phthalate	3.2	100	
					Bis(2-ethylhexyl phthalate)	4.8	49	
					Phenanthrene	1.3	NS	
					1,2,4-Trimethylbenzene	0.55	NS	
					A2R12	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-011A
Cadmium	0.897	39						
Zinc	60.6	1500						
Beryllium	0.448	2						
Di-n-butyl phthalate	0.66	100						
Bis(2-ethylhexyl phthalate)	0.406	49						
A2R14	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-012A	13.5-14.0	TPHC	214.8	10000	
					Zinc	26.7	1500	
					Di-n-butyl phthalate	0.527	100	
A2R15	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-013A	14.5-15.0	TPHC	246.3	10000	
					Cadmium	0.779	39	
					Zinc	56.9	1500	
					Beryllium	0.36	2	
					Di-n-butyl phthalate	0.704	100	

Note: Soil Samples A2R are noted as AZR in analytical lab report.

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION F4R (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
F4R8	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-001A	7.5-8.0	TPHC	73.01	10000	
					Di-n-butyl phthalate	1.7	100	
F4R10	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-002A	9.5-10.0	TPHC	231.4	10000	
					Azobenzene	0.096	NS	
					Bis(2-ethylhexyl) phthalate	0.125	49	
					Di-n-butyl phthalate	0.806	100	
F4R12	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-003A	11.5-12.0	TPHC	546.7	10000	
					Bis(2-ethylhexyl) phthalate	0.489	49	
					Di-n-butyl phthalate	0.933	100	
					Fluoranthene	0.116	100	
					Pyrene	0.171	100	
F4R14	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-004A	13.5-14.0	TPHC	339.5	10000	
					Di-n-butyl phthalate	0.699	100	
F4R15	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-005A	14.5-15.0	TPHC	141.4	10000	
					Di-n-butyl phthalate	0.671	100	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION F2R (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
F2R8	6/21/01	LEAD	162-006A	7.5-8.0	no compounds detected			
F2R10	6/21/01	LEAD	162-007A	9.5-10.0				
F2R12	6/21/01	LEAD	162-008A	11.5-12.0				

10,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION E2R (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
E2R8	6/21/01	TPHC VOLATILES	162-009A	7.5-8.0	TPHC	6934	10000	
E2R10	6/21/01	TPHC VOLATILES	162-010A	9.5-10.0	TPHC	202	10000	
E2R12	6/21/01	TPHC VOLATILES	162-011A	11.5-12.0	TPHC	6424	10000	

BUILDING #2 PIT

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION CCR (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
CCR4	6/21/01	BN+15, LEAD	162-012A	3.5-4.0	Lead	29.4	400	
					Di-n-butyl phthalate	0.768	100	
CCR6	6/21/01	BN+15, LEAD	162-013A	5.5-6.0	Di-n-butyl phthalate	0.657	100	
CCR8	6/21/01	BN+15, LEAD	162-014A	7.5-8.0	Di-n-butyl phthalate	0.78	100	

OIL / WATER SEPARATOR

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION A2R (HORIZONTAL)

SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
AR1	8/17/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	123-013A	5.5-6.0	TPHC	39.47	10000	
					Cadmium	0.867	39	
					Zinc	26.1	1500	
					Beryllium	0.217	2	
					Di-n-butyl phthalate	0.514	100	
AR2	8/17/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	123-014A	5.5-6.0	TPHC	769.6	10000	
					Cadmium	39.5	39	X
					Zinc	771	1500	
					1,2-Dichlorobenzene	4.9	50	
					Di-n-butyl phthalate	0.621	100	
					Bis(2-ethylhexyl phthalate)	6.8	49	
					Phenanthrene	0.426	NS	
					1,4-Dichlorobenzene	1.2	100	
					2-methylnaphthalene	1	NS	
					Chrysene	0.259	9	
					Fluoranthene	0.318	100	
					Napthalene	1	100	
					Pyrene	0.35	100	
					1,1,1-Trichloroethene	0.57	50	
					1,1 Dichloroethane	5.4	10	
					1,2,4-Trimethylbenzene	14.6	NS	
					1,3,5-Trimethylbenzene	6	NS	
					1,2-Dichlorobenzene	20.2	50	
					2-Chlorotoluene	1.5	NS	
					Chlorobenzene	0.921	1	
					cis-dichloroethene	35.6	1	X
					Isopropylbenzene	0.76	NS	
					Methylene chloride	14.9	1	X
					n-butylbenzene	0.79	NS	
					n-propylbenzene	2.8	NS	
					Napthalene	4.6	100	
					Tetrachloroethene	6.3	1	X
Trichloroethene	13.3	1	X					
Vinyl chloride	6.2	2	X					
Ethylbenzene	8.2	100						
Total Xylenes	30.4	67						
Toluene	70.3	500						

OIL / WATER SEPARATOR

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION A2R (HORIZONTAL)

SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
AR3	8/17/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	123-015A	5.5-6.0	TPHC	39.69	10000	
					Zinc	17.3	1500	
					Beryllium	0.164	2	
					1,2-Dichlorobenzene	3.1	50	
					Di-n-butyl phthalate	0.372	100	
					1,2,4-Trimethylbenzene	1.6	NS	
					1,3,5-Trimethylbenzene	1.5	NS	
					cis-1,2-Dichloroethene	4.2		X
					Methylene chloride	2.2	1	X
					n-propylbenzene	0.729	NS	
					Napthalene	2.3	100	
					Trichloroethene	0.794	1	
					Ethylbenzene	0.673	100	
Total Xylenes	2.5	67						
AR4	8/17/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	123-012A	5.5-6.0	TPHC	11.1	10000	
					Cadmium	0.681	39	
					Zinc	15.1	1500	
					Beryllium	0.157	2	
					Di-n-butyl phthalate	0.477	100	
AR5	8/24/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	166-004A	5.5-6.0	TPHC	72.19	10000	
					Zinc	16.5	1500	
					Di-n-butyl phthalate	0.276	100	
AR6	8/24/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	166-005A	5.5-6.0	TPHC	120.6	10000	
					Cadmium	1.26	39	
					Zinc	17.3	1500	
					Di-n-butyl phthalate	0.397	100	
AR7	8/24/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	166-006A	5.5-6.0	TPHC	22,000	10000	X
					Cadmium	1.15	39	
					Zinc	35.9	1500	
AR8	8/24/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	166-007A	5.5-6.0	TPHC	310	10000	
					Cadmium	1.14	39	
					Zinc	66.9	1500	
					Di-n-butyl phthalate	0.378	100	
AR9	8/24/01	TPHC	1047-001A	5.5-6.0	TPHC	58	10000	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION E2R (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
E2R1	8/24/01	TPHC, VO+10	166-001A	9.5-10.0	TPHC	101.9	10000	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION FR 1 (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
FR1	8/24/01	LEAD	166-002A	7.5-8.0	Lead	14.4	400	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION F2R (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
FR2	8/24/01	TPHC, VO+10 BN+15, PHENOLS	166-003A	7.5-8.0	TPHC	404.1	10000	
					Di-n-butyl phthalate	0.307	100	

BUILDING #2 PIT

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION CCR (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
CCR1	8/9/01	BN+15, LEAD	071-001A	7.5-8.0	Lead	522	400	X
					Benzo(a)anthracene	0.193	0.9	
					Chrysene	0.275	9	
					Di-n-butyl phthalate	0.452	100	
					Fluoranthene	0.401	100	
					Phenanthrene	0.196	NS	
					Pyrene	0.3896	100	
CCR2	8/9/01	BN+15, LEAD	123-001A	7.5-8.0	Di-n-butyl phthalate	0.256	100	
CCR3	8/9/01	BN+15, LEAD	123-002A	7.5-8.0	Lead	10.7	400	
					Di-n-butyl phthalate	0.26	100	
CCR4	8/9/01	BN+15, LEAD	123-003A	7.5-8.0	Di-n-butyl phthalate	0.297	100	

DRUM RINSING AREA

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION CR-4 (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
C4R-4	6/19/01	TPHC, VO+10, BN+15, LEAD, CADMIUM, ZINC	148-001A	3.5-4.0	TPHC	5,823	10,000	
					Cadmium	16.9	39	
					Lead	336	400	
					Zinc	413	1500	
					Di-n-butyl phthalate	0.556	100	
C4R-6	6/19/01	TPHC, VO+10, BN+15, LEAD, CADMIUM, ZINC	148-002A	5.5-6.0	TPHC	1019	10000	
					Cadmium	1.22	39	
					Zinc	36.1	1500	
					Di-n-butyl phthalate	0.552	100	
C4R-8	6/19/01	TPHC, VO+10, BN+15, LEAD, CADMIUM, ZINC	148-003A	7.5-8.0	TPHC	914.6	10000	
					Cadmium	1.12	39	
					Zinc	28.6	1500	
					Di-n-butyl phthalate	0.492	100	
					Bis(2-ethylhexyl)phthalate	0.219	49	
C4R-10	6/19/01	TPHC, VO+10, BN+15, LEAD, CADMIUM, ZINC	148-004A	9.5-10.0	TPHC	266.5	10000	
					Cadmium	0.648	39	
					Zinc	15.4	1500	
					Di-n-butyl phthalate	0.732	100	
C4R-12	6/19/01	TPHC, VO+10, BN+15, LEAD, CADMIUM, ZINC	148-005A	11.5-12.0	TPHC	319.6	10000	
					Cadmium	0.68	39	
					Zinc	32.7	1500	
					Di-n-butyl phthalate	0.498	100	
					Bis(2-ethylhexyl)phthalate	0.128	49	
C4R-14	6/19/01	TPHC, VO+10, BN+15, LEAD, CADMIUM, ZINC	148-006A	13.5-14.0	TPHC	257.6	10000	
					Cadmium	0.726	39	
					Zinc	31.6	1500	
					Di-n-butyl phthalate	0.701	100	
C4R-15	6/19/01	TPHC, VO+10, BN+15, LEAD, CADMIUM, ZINC	148-007A	14.5-15.0	TPHC	75.58	10000	
					Zinc	31.1	1500	
					Di-n-butyl phthalate	0.807	100	

DRUM RINSING OPERATIONS

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION CR (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
CR1	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-011A	5.5-6.0	TPHC	11	10,000	
					Cadmium	0.837	39	
					Lead	10.3	400	
					Zinc	114	1500	
					Di-n-butyl phthalate	0.239	100	
CR2	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-010A	5.5-6.0	TPHC	11.76	10000	
					Cadmium	0.777	39	
					Lead	13.1	400	
					Zinc	39.1	1500	
					Di-n-butyl phthalate	0.318	100	
CR3	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-009A	5.5-6.0	TPHC	11.68	10000	
					Zinc	23.3	1500	
					Di-n-butyl phthalate	0.47	100	
CR4	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-006A	5.5-6.0	TPHC	129.5	10000	
					Cadmium	0.719	39	
					Lead	12.5	400	
					Zinc	30.4	1500	
					Di-n-butyl phthalate	0.436	100	
CR5	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-005A	5.5-6.0	TPHC	656.4	10000	
					Cadmium	0.876	39	
					Lead	11.1	400	
					Zinc	24.6	1500	
					Di-n-butyl phthalate	0.388	100	
					Napthalene	1.19	100	
CR6	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-004A	5.5-6.0	TPHC	260.4	10000	
					Zinc	20.9	1500	
					Di-n-butyl phthalate	0.609	100	
					Napthalene	1.096	100	
					1,2,4-Trimethylbenzene	3.3	NS	
					1,3,5-Trimethylbenzene	1.04	NS	
					Ethylbenzene	1.1	100	
					Isopropylbenzene	0.56	NS	
					Total xylenes	1.2	67	
					n-butylbenzene	1.18	NS	
					n-propylbenzene	1.2	NS	
					Napthalene	4.3	100	
					sec-butylbenzene	1.8	NS	
CR7	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-007A	5.5-6.0	Cadmium	0.967	39	
					Zinc	22.1	1500	
					Di-n-butyl phthalate	0.413	100	
CR8	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-008A	5.5-6.0	Cadmium	0.866	39	
					Zinc	15	1500	
					Di-n-butyl phthalate	0.461	100	

FLOOR DRAIN / PIPING / TRENCH

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION GR (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
G4R-4	6/19/01	TPHC, VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-014A	3.5-4.0	Antimony	1.06	14	
					Lead	16.4	400	
					Zinc	42.1	1500	
					TPHC	181.4	10000	
					Di-n-butyl phthalate	0.539	100	
					Toluene	0.767	500	
G4R-6	6/19/01	TPHC, VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-015A	5.5-6.0	Antimony	0.66	14	
					Zinc	23.5	1500	
					TPHC	194.4	10000	
					Di-n-butyl phthalate	0.448	100	
G4R-8	6/19/01	TPHC, VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-016A	7.5-8.0	Zinc	24.3	1500	
					TPHC	139.4	10000	
					Di-n-butyl phthalate	0.83	100	
G4R-10	6/19/01	TPHC, VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-017A	9.5-10.0	Zinc	77.6	1500	
					TPHC	391.5	10000	
					Di-n-butyl phthalate	0.418	100	
G4R-12	6/19/01	TPHC, VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-018A	11.5-12.0	Zinc	40.5	1500	
					TPHC	82.38	10000	
					Di-n-butyl phthalate	0.452	100	
G4R-14	6/19/01	TPHC, VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-019A	13.5-14.0	Antimony	0.352	14	
					Zinc	24.8	1500	
					TPHC	77.16	10000	
					Di-n-butyl phthalate	0.478	100	
					1,2,4-Trimethylbenzene	3.9	NS	
					1,3,5-Trimethylbenzene	1.2	NS	
					Total Xylenes	2	67	
sec-butylbenzene	0.047	NS						
G4R-15	6/19/01	TPHC, VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-020A	14.5-15.0	Antimony	0.371	14	
					Zinc	46.1	1500	
					TPHC	61.59	10000	
					Di-n-butyl phthalate	0.421	100	

Note: Soil Sample G4R-4 is designated as GR4 in analytical lab report.

FLOOR DRAIN / PIPING / TRENCH

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION GR (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
GR1	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-006A	5.5-6.0	Zinc	26.5	1500	
					TPHC	84.58	10000	
					Di-n-butyl phthalate	0.579	100	
GR2	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-005A	5.5-6.0	Lead	19.4	400	
					Zinc	52.8	1500	
					TPHC	39.47	10000	
					Di-n-butyl phthalate	0.527	100	
GR3	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-004A	5.5-6.0	Antimony	0.272	14	
					Lead	60.2	400	
					Zinc	106	1500	
					TPHC	56.96	10000	
					Di-n-butyl phthalate	0.487	100	
					Pyrene	0.111	100	
GR4	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-003A	5.5-6.0	Antimony	2.04	14	
					Lead	415	400	X
					Zinc	36.3	1500	
					TPHC	84.42	10000	
					Di-n-butyl phthalate	0.532	100	
GR5	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-002A	5.5-6.0	Zinc	48.8	1500	
					Phenols	3.57	50	
					TPHC	168.9	10000	
					Di-n-butyl phthalate	0.487	100	
GR6	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-008A	5.5-6.0	Lead	9.38	400	
					Zinc	31.3	1500	
					TPHC	46.16	10000	
					Di-n-butyl phthalate	0.476	100	
GR7	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-007A	5.5-6.0	Zinc	33.8	1500	
					TPHC	59.45	10000	
					Di-n-butyl phthalate	0.58	100	

GROUNDWATER

GROUNDWATER SAMPLE SUMMARY TABLE - ABBCO STEEL DRUM SITE, CAMDEN, NJ (ROUND #1)								
AREA OF CONCERN	SAMPLE DATE	COMPOUNDS ANALYZED	FIELD ID (LAB ID)	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
Groundwater	8/15/01	VOLATILES LEAD	MW-1 (8100-003A)	13.96	None Detected			
Groundwater	8/15/01	VOLATILES LEAD	MW-2 (8100-004A)	12.44	None Detected			
Groundwater	8/15/01	VOLATILES LEAD	MW-3 (8100-005A)	12.94	None Detected			

GROUNDWATER

GROUNDWATER SAMPLE SUMMARY TABLE - ABBCO STEEL DRUM SITE, CAMDEN, NJ (ROUND #2)								
AREA OF CONCERN	SAMPLE DATE	COMPOUNDS ANALYZED	FIELD ID (LAB ID)	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
Groundwater	9/17/01	VOLATILES LEAD	MW-1 (9099-003A)	13.92	1, 2-Dichlorobenzene	8.84	600	
					Ethylbenzene	3.43	700	
					Total Xylenes	4.2	1000	
Groundwater	9/17/01	VOLATILES LEAD	MW-2 (9099-004A)	12.9	None Detected			
Groundwater	9/17/01	VOLATILES LEAD	MW-3 (9099-005A)	12.94	Lead	10	10	

OIL / WATER SEPARATOR

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION A2R (VERTICAL)													
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT					
A2R6	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-008A	5.5-6.0	TPHC	5411	10000						
					Cadmium	17.8	39						
					Zinc	571	1500						
					Phenols	5.16	50						
					Beryllium	0.286	2						
					Di-n-butyl phthalate	0.501	100						
					Bis(2-ethylhexyl phthalate)	0.12	49						
					1,2,4-Trimethylbenzene	7.6	NS						
					1,3,5-Trimethylbenzene	3.38	NS						
					1,4-Dichlorobenzene	1.05	100						
					Chlorobenzene	0.916	1						
					Ethylbenzene	2.2	100						
					Isopropylbenzene	0.46	NS						
					Total Xylenes	8.71	67						
					n-Butylbenzene	0.51	NS						
					sec-butylbenzene	0.31	NS						
					Toluene	7.2	500						
n-propylbenzene	0.66	NS											
A2R8	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-009A	7.5-8.0	TPHC	5195	10000						
					Cadmium	1.87	39						
					Zinc	59.9	1500						
					Beryllium	0.22	2						
					1,2-Dichlorobenzene	0.88	50						
					Di-n-butyl phthalate	3.6	100						
					Bis(2-ethylhexyl phthalate)	5.3	49						
					Phenanthrene	0.89	NS						
					1,2,4-Trimethylbenzene	6.6	NS						
					1,3,5-Trimethylbenzene	2.07	NS						
					1,2-Dichlorobenzene	7.7	50						
					Ethylbenzene	2	100						
					Total Xylenes	5.2	67						
					Toluene	8.1	500						
					A2R10	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-010A	9.5-10.0	TPHC	5192	10000	
										Cadmium	2.8	39	
										Zinc	74	1500	
Anthracene	0.471	100											
Di-n-butyl phthalate	3.2	100											
Bis(2-ethylhexyl phthalate)	4.8	49											
Phenanthrene	1.3	NS											
1,2,4-Trimethylbenzene	0.55	NS											
A2R12	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-011A	11.5-12.0						TPHC	309.1	10000	
										Cadmium	0.897	39	
					Zinc	60.6	1500						
					Beryllium	0.448	2						
					Di-n-butyl phthalate	0.66	100						
A2R14	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-012A	13.5-14.0	TPHC	214.8	10000						
					Zinc	26.7	1500						
					Di-n-butyl phthalate	0.527	100						
A2R15	6/19/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	148-013A	14.5-15.0	TPHC	246.3	10000						
					Cadmium	0.779	39						
					Zinc	56.9	1500						
					Beryllium	0.36	2						
					Di-n-butyl phthalate	0.704	100						

Note: Soil Samples A2R are noted as AZR in analytical lab report.

OIL / WATER SEPARATOR

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION A2R (HORIZONTAL)

SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
AR1	8/17/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	123-013A	5.5-6.0	TPHC	39.47	10000	
					Cadmium	0.867	39	
					Zinc	26.1	1500	
					Beryllium	0.217	2	
					Di-n-butyl phthalate	0.514	100	
AR2	8/17/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	123-014A	5.5-6.0	TPHC	769.6	10000	
					Cadmium	39.5	39	X
					Zinc	771	1500	
					1,2-Dichlorobenzene	4.9	50	
					Di-n-butyl phthalate	0.621	100	
					Bis(2-ethylhexyl phthalate)	6.8	49	
					Phenanthrene	0.426	NS	
					1,4-Dichlorobenzene	1.2	100	
					2-methylnaphthalene	1	NS	
					Chrysene	0.259	9	
					Fluoranthene	0.318	100	
					Napthalene	1	100	
					Pyrene	0.35	100	
					1,1,1-Trichloroethene	0.57	50	
					1,1 Dichloroethane	5.4	10	
					1,2,4-Trimethylbenzene	14.6	NS	
					1,3,5-Trimethylbenzene	6	NS	
					1,2-Dichlorobenzene	20.2	50	
					2-Chlorotoluene	1.5	NS	
					Chlorobenzene	0.921	1	
					cis-dichloroethene	35.6	1	X
					Isopropylbenzene	0.76	NS	
					Methylene chloride	14.9	1	X
					n-butylbenzene	0.79	NS	
					n-propylbenzene	2.8	NS	
					Napthalene	4.6	100	
					Tetrachloroethene	6.3	1	X
					Trichloroethene	13.3	1	X
					Vinyl chloride	6.2	2	X
					Ethylbenzene	8.2	100	
Total Xylenes	30.4	67						
Toluene	70.3	500						

OIL / WATER SEPARATOR

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION A2R (HORIZONTAL)

SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
AR3	8/17/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	123-015A	5.5-6.0	TPHC	39.69	10000	
					Zinc	17.3	1500	
					Beryllium	0.164	2	
					1,2-Dichlorobenzene	3.1	50	
					Di-n-butyl phthalate	0.372	100	
					1,2,4-Trimethylbenzene	1.6	NS	
					1,3,5-Trimethylbenzene	1.5	NS	
					cis-1,2-Dichloroethene	4.2		X
					Methylene chloride	2.2	1	X
					n-propylbenzene	0.729	NS	
					Napthalene	2.3	100	
					Trichloroethene	0.794	1	
					Ethylbenzene	0.673	100	
Total Xylenes	2.5	67						
AR4	8/17/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	123-012A	5.5-6.0	TPHC	11.1	10000	
					Cadmium	0.681	39	
					Zinc	15.1	1500	
					Beryllium	0.157	2	
					Di-n-butyl phthalate	0.477	100	
AR5	8/24/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	166-004A	5.5-6.0	TPHC	72.19	10000	
					Zinc	16.5	1500	
					Di-n-butyl phthalate	0.276	100	
AR6	8/24/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	166-005A	5.5-6.0	TPHC	120.6	10000	
					Cadmium	1.26	39	
					Zinc	17.3	1500	
					Di-n-butyl phthalate	0.397	100	
AR7	8/24/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	166-006A	5.5-6.0	TPHC	22,000	10000	X
					Cadmium	1.15	39	
					Zinc	35.9	1500	
AR8	8/24/01	TPHC,VO+10 BN+15,CADMIUM ZINC, PHENOLS BERYLLIUM NICKEL	166-007A	5.5-6.0	TPHC	310	10000	
					Cadmium	1.14	39	
					Zinc	66.9	1500	
					Di-n-butyl phthalate	0.378	100	
AR9	8/24/01	TPHC	1047-001A	5.5-6.0	TPHC	58	10000	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION F4R (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
F4R8	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-001A	7.5-8.0	TPHC	73.01	10000	
					Di-n-butyl phthalate	1.7	100	
F4R10	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-002A	9.5-10.0	TPHC	231.4	10000	
					Azobenzene	0.096	NS	
					Bis(2-ethylhexyl) phthalate	0.125	49	
					Di-n-butyl phthalate	0.806	100	
F4R12	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-003A	11.5-12.0	TPHC	546.7	10000	
					Bis(2-ethylhexyl) phthalate	0.489	49	
					Di-n-butyl phthalate	0.933	100	
					Fluoranthene	0.116	100	
					Pyrene	0.171	100	
F4R14	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-004A	13.5-14.0	TPHC	339.5	10000	
					Di-n-butyl phthalate	0.699	100	
F4R15	6/21/01	TPHC,VO+10 BN+15,PHENOLS	162-005A	14.5-15.0	TPHC	141.4	10000	
					Di-n-butyl phthalate	0.671	100	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION F2R (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
F2R8	6/21/01	LEAD	162-006A	7.5-8.0	no compounds detected			
F2R10	6/21/01	LEAD	162-007A	9.5-10.0				
F2R12	6/21/01	LEAD	162-008A	11.5-12.0				

10,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION E2R (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
E2R8	6/21/01	TPHC VOLATILES	162-009A	7.5-8.0	TPHC	6934	10000	
E2R10	6/21/01	TPHC VOLATILES	162-010A	9.5-10.0	TPHC	202	10000	
E2R12	6/21/01	TPHC VOLATILES	162-011A	11.5-12.0	TPHC	6424	10000	

BUILDING #2 PIT

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION CCR (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
CCR4	6/21/01	BN+15, LEAD	162-012A	3.5-4.0	Lead	29.4	400	
					Di-n-butyl phthalate	0.768	100	
CCR6	6/21/01	BN+15, LEAD	162-013A	5.5-6.0	Di-n-butyl phthalate	0.657	100	
CCR8	6/21/01	BN+15, LEAD	162-014A	7.5-8.0	Di-n-butyl phthalate	0.78	100	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION E2R (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
E2R1	8/24/01	TPHC, VO+10	166-001A	9.5-10.0	TPHC	101.9	10000	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION FR 1 (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
FR1	8/24/01	LEAD	166-002A	7.5-8.0	Lead	14.4	400	

1,000 GALLON UST

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION F2R (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
FR2	8/24/01	TPHC, VO+10 BN+15, PHENOLS	166-003A	7.5-8.0	TPHC	404.1	10000	
					Di-n-butyl phthalate	0.307	100	

BUILDING #2 PIT

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION CCR (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
CCR1	8/9/01	BN+15, LEAD	071-001A	7.5-8.0	Lead	522	400	X
					Benzo(a)anthracene	0.193	0.9	
					Chrysene	0.275	9	
					Di-n-butyl phthalate	0.452	100	
					Fluoranthene	0.401	100	
					Phenanthrene	0.196	NS	
Pyrene	0.3896	100						
CCR2	8/9/01	BN+15, LEAD	123-001A	7.5-8.0	Di-n-butyl phthalate	0.256	100	
CCR3	8/9/01	BN+15, LEAD	123-002A	7.5-8.0	Lead	10.7	400	
					Di-n-butyl phthalate	0.26	100	
CCR4	8/9/01	BN+15, LEAD	123-003A	7.5-8.0	Di-n-butyl phthalate	0.297	100	

DRUM RINSING AREA

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION CR-4 (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
C4R-4	6/19/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	148-001A	3.5-4.0	TPHC	5,823	10,000	
					Cadmium	16.9	39	
					Lead	336	400	
					Zinc	413	1500	
					Di-n-butyl phthalate	0.556	100	
C4R-6	6/19/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	148-002A	5.5-6.0	TPHC	1019	10000	
					Cadmium	1.22	39	
					Zinc	36.1	1500	
					Di-n-butyl phthalate	0.552	100	
C4R-8	6/19/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	148-003A	7.5-8.0	TPHC	914.6	10000	
					Cadmium	1.12	39	
					Zinc	28.6	1500	
					Di-n-butyl phthalate	0.492	100	
					Bis(2-ethylhexyl)phthalate	0.219	49	
C4R-10	6/19/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	148-004A	9.5-10.0	TPHC	266.5	10000	
					Cadmium	0.648	39	
					Zinc	15.4	1500	
					Di-n-butyl phthalate	0.732	100	
C4R-12	6/19/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	148-005A	11.5-12.0	TPHC	319.6	10000	
					Cadmium	0.68	39	
					Zinc	32.7	1500	
					Di-n-butyl phthalate	0.498	100	
					Bis(2-ethylhexyl)phthalate	0.128	49	
C4R-14	6/19/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	148-006A	13.5-14.0	TPHC	257.6	10000	
					Cadmium	0.726	39	
					Zinc	31.6	1500	
					Di-n-butyl phthalate	0.701	100	
C4R-15	6/19/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	148-007A	14.5-15.0	TPHC	75.58	10000	
					Zinc	31.1	1500	
					Di-n-butyl phthalate	0.807	100	

DRUM RINSING OPERATIONS

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION CR (HORIZONTAL)

SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
CR1	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-011A	5.5-6.0	TPHC	11	10,000	
					Cadmium	0.837	39	
					Lead	10.3	400	
					Zinc	114	1500	
					Di-n-butyl phthalate	0.239	100	
CR2	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-010A	5.5-6.0	TPHC	11.76	10000	
					Cadmium	0.777	39	
					Lead	13.1	400	
					Zinc	39.1	1500	
					Di-n-butyl phthalate	0.318	100	
CR3	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-009A	5.5-6.0	TPHC	11.68	10000	
					Zinc	23.3	1500	
					Di-n-butyl phthalate	0.47	100	
CR4	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-006A	5.5-6.0	TPHC	129.5	10000	
					Cadmium	0.719	39	
					Lead	12.5	400	
					Zinc	30.4	1500	
					Di-n-butyl phthalate	0.436	100	
CR5	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-005A	5.5-6.0	TPHC	656.4	10000	
					Cadmium	0.876	39	
					Lead	11.1	400	
					Zinc	24.6	1500	
					Di-n-butyl phthalate	0.388	100	
					Napthalene	1.19	100	
CR6	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-004A	5.5-6.0	TPHC	260.4	10000	
					Zinc	20.9	1500	
					Di-n-butyl phthalate	0.609	100	
					Napthalene	1.096	100	
					1,2,4-Trimethylbenzene	3.3	NS	
					1,3,5-Trimethylbenzene	1.04	NS	
					Ethylbenzene	1.1	100	
					Isopropylbenzene	0.56	NS	
					Total xylenes	1.2	67	
					n-butylbenzene	1.18	NS	
					n-propylbenzene	1.2	NS	
					Napthalene	4.3	100	
					sec-butylbenzene	1.8	NS	
					CR7	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-007A
Zinc	22.1	1500						
Di-n-butyl phthalate	0.413	100						
CR8	8/17/01	TPHC,VO+10, BN+15, LEAD, CADMIUM, ZINC	123-008A	5.5-6.0	Cadmium	0.866	39	
					Zinc	15	1500	
					Di-n-butyl phthalate	0.461	100	

FLOOR DRAIN / PIPING / TRENCH

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION GR (VERTICAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
G4R-4	6/19/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-014A	3.5-4.0	Antimony	1.06	14	
					Lead	16.4	400	
					Zinc	42.1	1500	
					TPHC	181.4	10000	
					Di-n-butyl phthalate	0.539	100	
G4R-6	6/19/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-015A	5.5-6.0	Antimony	0.66	14	
					Zinc	23.5	1500	
					TPHC	194.4	10000	
					Di-n-butyl phthalate	0.448	100	
G4R-8	6/19/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-016A	7.5-8.0	Zinc	24.3	1500	
					TPHC	139.4	10000	
					Di-n-butyl phthalate	0.83	100	
G4R-10	6/19/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-017A	9.5-10.0	Zinc	77.6	1500	
					TPHC	391.5	10000	
					Di-n-butyl phthalate	0.418	100	
G4R-12	6/19/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-018A	11.5-12.0	Zinc	40.5	1500	
					TPHC	82.38	10000	
					Di-n-butyl phthalate	0.452	100	
G4R-14	6/19/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-019A	13.5-14.0	Antimony	0.352	14	
					Zinc	24.8	1500	
					TPHC	77.16	10000	
					Di-n-butyl phthalate	0.478	100	
					1,2,4-Trimethylbenzene	3.9	NS	
					1,3,5-Trimethylbenzene	1.2	NS	
					Total Xylenes	2	67	
sec-butylbenzene	0.047	NS						
G4R-15	6/19/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	148-020A	14.5-15.0	Antimony	0.371	14	
					Zinc	46.1	1500	
					TPHC	61.59	10000	
					Di-n-butyl phthalate	0.421	100	

Note: Soil Sample G4R-4 is designated as GR4 in analytical lab report.

FLOOR DRAIN / PIPING / TRENCH

SOIL SAMPLE ANALYTICAL RESULTS SUMMARY TABLE - LOCATION GR (HORIZONTAL)								
SAMPLE ID#	SAMPLE DATE	COMPOUNDS ANALYZED	LAB ID#	DEPTH (feet)	COMPOUNDS DETECTED	CONCENTRATION (PPM)	NJDEP LIMIT	EXCEEDS LIMIT
GR1	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-006A	5.5-6.0	Zinc	26.5	1500	
					TPHC	84.58	10000	
					Di-n-butyl phthalate	0.579	100	
GR2	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-005A	5.5-6.0	Lead	19.4	400	
					Zinc	52.8	1500	
					TPHC	39.47	10000	
					Di-n-butyl phthalate	0.527	100	
GR3	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-004A	5.5-6.0	Antimony	0.272	14	
					Lead	60.2	400	
					Zinc	106	1500	
					TPHC	56.96	10000	
					Di-n-butyl phthalate	0.487	100	
					Pyrene	0.111	100	
GR4	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-003A	5.5-6.0	Antimony	2.04	14	
					Lead	415	400	X
					Zinc	36.3	1500	
					TPHC	84.42	10000	
					Di-n-butyl phthalate	0.532	100	
GR5	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-002A	5.5-6.0	Zinc	48.8	1500	
					Phenols	3.57	50	
					TPHC	168.9	10000	
					Di-n-butyl phthalate	0.487	100	
GR6	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-008A	5.5-6.0	Lead	9.38	400	
					Zinc	31.3	1500	
					TPHC	46.16	10000	
					Di-n-butyl phthalate	0.476	100	
GR7	8/9/01	TPHC,VO+10, BN+15, LEAD, PHENOLS, ZINC ANTIMONY	71-007A	5.5-6.0	Zinc	33.8	1500	
					TPHC	59.45	10000	
					Di-n-butyl phthalate	0.58	100	

RI Sampling Summary and Analytical Results
(Remington and Vernick April 1999)

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS				
AOC B1, UST ADJACENT TO OIL/WATER SEPARATOR	PP+40, TPHC, pH	F4 / E3648	8'		PHENOL	96.1J	50	X				
					pH: 7.83 (SU)							
					TPHC	11,200	10,000	X				
					METALS							
					ANTIMONY	2.56	14					
					ARSENIC	6.37	20					
					BERYLLIUM	0.64	1					
					CADMIUM	2.12	1	X				
					CHROMIUM	28.6	NO STANDARD					
					COPPER	32	600					
					LEAD	221	400					
					MERCURY	1.16	14					
					NICKEL	9.93	250					
					ZINC	624	1500					
					VOLATILE ORGANICS							
					METHYLENE CHLORIDE	5.6DJ	1	X				
					1,1,1-TRICHLOROETHANE	4.1DJ	50					
					TRICHLOROETHENE	7.2DJ	1	X				
					TOLUENE	25	500					
					4-METHYL-2-PENTANONE	40D	50	X				
					TETRACHLOROETHENE	5.5DJ	1	X				
					ETHYLBENZENE	14D	100					
					TOTAL XYLENES	54D	10	X				
					1,2-DICHLOROBENZENE	18D	50					
					NAPHTHALENE	8.7D	100					
					SEMIVOLATILE ORGANICS							
					PHENOL	14DJ	50					
1,2-DICHLOROBENZENE	23DJ	50										
NAPHTHALENE	16DJ	100										
2-METHYLNAPHTHALENE	8.5DJ	NO STANDARD										
PHENANTHRENE	4.6DJ	NO STANDARD										
DI-N-BUTYLPHTHALATE	68D	100										
BUTYLBENZYLPHTHALATE	5.8DJ	100										
BIS(2-ETHYLHEXYL)PHTHALATE	84D	49	X									
PESTICIDES / PCB's												
NONE DETECTED												

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B1, UST ADJACENT TO OILWATER SEPARATOR	PP+40, TPHC, pH	F3 / E3616	8'		PHENOL	29.9	50	
					pH: 9.05 (SU)			
					METALS			
					ARSENIC	2.52	20	
					CHROMIUM	8.73	NO STANDARD	
					COPPER	1.09	600	
					NICKEL	6.48	250	
					ZINC	74.6	1500	
					VOLATILE ORGANICS			
					TOLUENE	1.1D	500	
					TETRACHLOROETHENE	0.52DJ	1	
					ETHYLBENZENE	0.19DJ	100	
					TOTAL XYLENES	0.6DJ	10	
					1,2-DICHLOROBENZENE	0.57DJ	50	
NAPHTHALENE	0.21DJ	100						
SEMIVOLATILE ORGANICS								
1,2-DICHLOROBENZENE	0.042J	50						
PHENANTHRENE	0.062J	NO STANDARD						
BIS(2-ETHYLHEXYL)PHTHALATE	0.046J	49						
PESTICIDES / PCB's								
NONE DETECTED								

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B2, UST ADJACENT TO OIL/WATER SEPARATOR	PP+40, TPHC, pH	F2 / E3617	8'		PHENOL	11.3	50	
					pH: 8.72 (SU)			
					METALS			
					ARSENIC	2.78	20	
					CHROMIUM	9.79	NO STANDARD	
					COPPER	8.67	600	
					LEAD	990	400	X
					NICKEL	7.46	250	
					ZINC	7.09	1500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	0.021DJ	49	
					1,1,1-TRICHLOROETHANE	0.022DJ	50	
					TRICHLOROETHENE	0.038D	1	
					TOLUENE	0.14D	500	
					TETRACHLOROETHENE	0.03D	1	
ETHYLBENZENE	0.072D	100						
TOTAL XYLENES	0.3D	10						
1,4-DICHLOROBENZENE	0.013DJ	100						
1,2-DICHLOROBENZENE	0.2D	50						
NAPHTHALENE	0.067D	100						
SEMIVOLATILE ORGANICS								
2-METHYLNAPHTHALENE	0.037J	NO STANDARD						
BIS(2-ETHYLHEXYL)PHTHALATE	0.13J	49						
PESTICIDES / PCB's								
NONE DETECTED								

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS				
AOC B1, UST ADJACENT TO OIL/WATER SEPARATOR	PP+40, TPHC, pH	F1 / E3599	8'									
					TPHC	1210	10,000					
					pH: 7.99 (SU)							
					METALS							
					ANTIMONY	0.89	14					
					ARSENIC	5.07	20					
					BERYLLIUM	0.71	1					
					CHROMIUM	20.4	NO STANDARD					
					COPPER	35	600					
					LEAD	76.7	400					
					NICKEL	11	250					
					ZINC	261	1500					
					VOLATILE ORGANICS							
ACETONE	0.014	100										
TOLUENE	0.002J	500										
TOTAL XYLENES	0.002J	10										
NAPHTHALENE	0.002J	100										
SEMIVOLATILE ORGANICS												
DI-N-BUTYLPHTHALATE	0.27DJ	100										
PESTICIDES / PCB's												
NONE DETECTED												

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS

AABCO STEEL DRUM, INC.

CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D17 / E3696	0-6" 24" (VOLATILES ONLY)					
					pH: 8.43 (SU)			
					METALS			
					ANTIMONY	2.66	14	
					ARSENIC	8.31	20	
					CHROMIUM	9.34	NO STANDARD	
					COPPER	14.9	600	
					LEAD	60.4	400	
					NICKEL	31.9	250	
					ZINC	152	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					NONE DETECTED			
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D19 / E3647	0-6" 24" (VOLATILES ONLY)					
					pH: 7.82 (SU)			
					METALS			
					ARSENIC	3.03	20	
					CHROMIUM	8.73	NO STANDARD	
					COPPER	8.1	600	
					LEAD	70.4	400	
					MERCURY	4.03	14	
					ZINC	28.9	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	0.16J	NO STANDARD	
					FLUORANTHENE	0.23J	100	
					PYRENE	0.2J	100	
					BENZO[A]ANTHRACENE	0.12J	0.9	
					CHRYSENE	0.12J	9	
					BENZO[B]FLUORANTHENE	0.1J	0.9	
					BENZO[K]FLUORANTHENE	0.095J	0.9	
					BENZO[A]PYRENE	0.094J	0.66	
					INDENO[1,2,3-CD]PYRENE	0.038J	0.9	
					BENZO[G,H,I]PERYLENE	0.037J	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
 AABCO STEEL DRUM, INC.
 CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D20 / E3641	0-6" 24" (VOLATILES ONLY)					
					pH: 8.52 (SU)			
					METALS			
					ARSENIC	1.55	20	
					CHROMIUM	9.22	NO STANDARD	
					COPPER	5.17	600	
					LEAD	27.3	400	
					MERCURY	0.23	14	
					ZINC	23.4	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENOL	0.044J	50	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D21 / E3640	0-6" 24" (VOLATILES ONLY)					
					pH: 5.46 (SU)			
					METALS			
					ANTIMONY	0.63	14	
					ARSENIC	15.1	20	
					CHROMIUM	10.9	NO STANDARD	
					COPPER	15.1	600	
					LEAD	188	400	
					MERCURY	0.58	14	
					NICKEL	5.43	250	
					SELENIUM	1.16	63	
					ZINC	27.4	1500	
					VOLATILE ORGANICS			
					TOLUENE	0.001J	500	
					SEMIVOLATILE ORGANICS			
					ACENAPHTHYLENE	0.042J	NO STANDARD	
					PHENANTHRENE	0.059J	NO STANDARD	
					DI-N-BUTYLPHthalate	0.25J	100	
					FLUORANTHENE	0.097J	100	
					PYRENE	0.085J	100	
					BENZO[A]ANTHRACENE	0.067J	0.9	
					BIS(2-ETHYLHEXYL)PHthalate	0.037J	49	
					CHRYSENE	0.1J	9	
					BENZO[B]FLUORANTHENE	0.14J	0.9	
					BENZO[K]FLUORANTHENE	0.11J	0.9	
					BENZO[A]PYRENE	0.06J	0.66	
					INDENO[1,2,3-CD]PYRENE	0.057J	0.9	
					DIBENZ[A,H]ANTHRACENE	0.035J	0.66	
					BENZO[G,H,I]PERYLENE	0.052J	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D22 / E3697	0-6" 24" (VOLATILES ONLY)					
					TPHC	43	10,000	
					pH: 8.67 (SU)			
					METALS			
					ANTIMONY	4.47	14	
					ARSENIC	4.13	20	
					CHROMIUM	19.1	NO STANDARD	
					COPPER	25.8	600	
					LEAD	540	400	X
					MERCURY	0.74	14	
					NICKEL	10	250	
					ZINC	197	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					ACENAPHTHYLENE	0.19J	NO STANDARD	
					ACENAPHTHENE	0.23J	100	
					DIBENZOFURAN	0.18J	NO STANDARD	
					FLUORENE	0.26J	100	
					PHENANTHRENE	2	NO STANDARD	
					ANTHRACENE	0.46	100	
					DI-N-BUTYLPHTHALATE	0.13J	100	
					FLUORANTHENE	1.8	100	
					PYRENE	2.6	100	
					BENZO[A]ANTHRACENE	1.2	0.9	X
					BIS(2-ETHYLHEXYL)PHTHALATE	0.17J	49	
					CHRYSENE	1.3	9	
					BENZO[B]FLUORANTHENE	0.8	0.9	
					BENZO[K]FLUORANTHENE	0.94	0.9	X
					BENZO[A]PYRENE	0.99	0.66	X
					INDENO[1,2,3-CD]PYRENE	0.51	0.9	
					DIBENZ[A,H]ANTHRACENE	0.31J	0.66	
					BENZO[G,H,I]PERYLENE	0.56	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC D2, LOADING RAMP	PP+40, TPHC, pH	11 / E3649	0-6" 24" (VOLATILES ONLY)		TPHC	232	10,000	
					pH: 7.84 (SU)			
					METALS			
					ANTIMONY	0.74	14	
					ARSENIC	6.99	20	
					CHROMIUM	13.4	NO STANDARD	
					COPPER	23.5	600	
					LEAD	203	400	
					NICKEL	8.13	250	
					ZINC	168	1500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	0.007	1	
					1,1,1-TRICHLOROETHANE	0.001J	50	
					TOLUENE	0.001J	500	
					TETRACHLOROETHENE	0.001J	1	
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	0.17DJ	100	
					2-METHYLNAPHTHALENE	0.096DJ	NO STANDARD	
					ACENAPHTHYLENE	0.15DJ	NO STANDARD	
					ACENAPHTHENE	0.29DJ	100	
					DIBENZOFURAN	0.24DJ	NO STANDARD	
					FLUORENE	0.41DJ	100	
					PHENANTHRENE	3.4D	NO STANDARD	
ANTHRACENE	0.81D	100						
DI-N-BUTYLPHTHALATE	5.2D	100						
FLUORANTHENE	3.5D	100						
PYRENE	3.7D	100						
BENZO[A]ANTHRACENE	1.7D	0.9	X					
BIS(2-ETHYLHEXYL)PHTHALATE	0.32DJ	49						
CHRYSENE	1.7D	9						
BENZO[B]FLUORANTHENE	1.4D	0.9	X					
BENZO[K]FLUORANTHENE	1.4D	0.9	X					
BENZO[A]PYRENE	1.4D	0.66	X					
INDENO[1,2,3-CD]PYRENE	0.64DJ	0.9						
DIBENZ[A,H]ANTHRACENE	0.4DJ	0.66						
BENZO[G,H,I]PERYLENE	0.68DJ	NO STANDARD						
PESTICIDES / PCB's								
NONE DETECTED								

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC D2, LOADING RAMP	PP+40, TPHC, pH	I2 / E3642	0-6" 24" (VOLATILES ONLY)		TPHC	31.2	10,000	
					pH: 8.44 (SU)			
					METALS			
					ANTIMONY	0.56	14	
					ARSENIC	4.29	20	
					CADMIUM	0.86	1	
					CHROMIUM	14.1	NO STANDARD	
					COPPER	20.3	600	
					LEAD	20.6	400	
					MERCURY	0.44	14	
					NICKEL	7.87	250	
					ZINC	402	1500	
VOLATILE ORGANICS								
NONE DETECTED								
SEMIVOLATILE ORGANICS								
NONE DETECTED								
PESTICIDES / PCB's								
NONE DETECTED								

D-INDICATES RESULT IS CALCULATED FROM DILUTION
 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C2, DRUM WASHING AREA AND ASSOCIATED PIPING	TPHC, PP+40	C3A/F4646	2.0'	1.0	METALS			
					ARSENIC	3.78	20	
					CHROMIUM	8.23	NO STANDARD	
					COPPER	18.7	600	
					LEAD	226	400	
					MERCURY	0.68	14	
					ZINC	98.6	1,500	
					VOLATILE ORGANICS			
					TRICHLOROETHENE	1.400D	1	
					TETRACHLOROETHENE	0.760D	1	X
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	530D	NO STANDARD	
					ANTHRACENE	0.100DJ	100	
					FLUORANTHENE	0.780D	100	
					PYRENE	0.520D	100	
BENZO(A)ANTHRACENE	0.330D	0.9						
BIS(2-ETHYLHEXYL)PHTHALATE	0.090DJ	49						
CHRYSENE	0.310D	9						
BENZO(B)FLUORANTHENE	0.390D	0.9						
BENZO(K)FLUORANTHENE	0.170D	0.9						
BENZO(A)PYRENE	0.270D	0.66						
INDENO(1,2,3-CD)PYRENE	0.200D	0.9						
BENZO(G,H,I)PERYLENE	0.170D	NO STANDARD						

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C3, DRUM WASHING AREA AND ASSOCIATED PIPING	TPHC, PP+40	C3B/F4647	2.0'	2.0	TPHC	3,520	10,000	
					METALS			
					ARSENIC	0.91	20	
					BERYLLIUM	0.59	1	
					CADMIUM	17.6	1	X
					CHROMIUM	35.8	NO STANDARD	
					COPPER	57.1	600	
					LEAD	514	400	X
					MERCURY	1.82	14	
					NICKEL	11.4	250	
					SILVER	1.39	110	
					ZINC	1,560	1,500	X
					VOLATILE ORGANICS			
					TRICHLOROETHENE	0.190D	1	
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	2.400D	NO STANDARD	
					FLUORANTHENE	4.800D	100	
PYRENE	3.400D	100						
BENZO(A)ANTHRACENE	2.200D	0.9	X					
CHRYSENE	2.200D	9						
BENZO(B)FLUORANTHENE	3.000D	0.9	X					
BENZO(K)FLUORANTHENE	1.200DJ	0.9	X					
BENZO(A)PYRENE	2.200D	0.66	X					
INDENO(1,2,3-CD)PYRENE	1.400DJ	0.9	X					
BENZO(G,H,I)PERYLENE	1.300DJ	NO STANDARD						

D-INDICATES RESULT IS CALCULATED FROM DILUTION
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SAMPLING SUMMARY AND ANALYTICAL RESULTS

AABCO STEEL DRUM, INC.

CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D11 / E3701	0-6" 24" (VOLATILES ONLY)					
					CYANIDE	0.79	1,100	
					TPHC	412	10,000	
					pH: 8.34 (SU)			
					METALS			
					ANTIMONY	3.83	14	
					ARSENIC	6.2	20	
					CADMIUM	15.5	1	X
					CHROMIUM	42.3	NO STANDARD	
					COPPER	58.5	600	
					LEAD	411	400	X
					MERCURY	1.28	14	
					NICKEL	41.1	250	
					ZINC	4660	1500	X
					VOLATILE ORGANICS			
					NAPHTHALENE	0.007	100	
					SEMIVOLATILE ORGANICS			
					FLUORENE	0.9DJ	100	
					PHENANTHRENE	8.7DJ	NO STANDARD	
					ANTHRACENE	2DJ	100	
					DI-N-BUTYLPHTHALATE	2.1DJ	100	
					FLUORANTHENE	12D	100	
					PYRENE	12D	100	
					BENZO[A]ANTHRACENE	6.2DJ	0.9	X
					BIS(2-ETHYLHEXYL)PHTHALATE	4.3DJ	49	X
					CHRYSENE	7DJ	9	
					BENZO[B]FLUORANTHENE	4.8DJ	0.9	X
					BENZO[K]FLUORANTHENE	4.8DJ	0.9	X
					BENZO[A]PYRENE	5.1DJ	0.66	X
					INDENO[1,2,3-CD]PYRENE	2.2DJ	0.9	X
					DIBENZ[A,H]ANTHRACENE	1.4DJ	0.66	X
					BENZO[G,H,I]PERYLENE	2.2DJ	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

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 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O SEPARATOR 3/15/99	PP+40	MW-1/G0898	N/A	10.0	METALS			
					PPB			
					CHROMIUM	10	1000	
					LEAD	9	10	
					ZINC	60	5000	
					VOLATILE ORGANICS			
					VINYL CHLORIDE	140	5	X
					CHLOROETHANE	100	NO STANDARD	
					METHYLENE CHLORIDE	100D	2	X
					1,1-DICHLOROETHANE	200D	70	X
					1,1,1-TRICHLOROETHANE	46D	30	X
					BENZENE	11D	1	X
					TRICHLOROETHENE	12	1	X
					1,2-DICHLOROPROPANE	14D	1	X
					TOLUENE	210	1000	
ETHYLBENZENE	62D	700	X					
TOTAL XYLENES	230D	40	X					
CIS-1,2-DICHLOROETHENE	210	NO STANDARD						
1,2-DICHLOROBENZENE	35D	600						
SEMIVOLATILE ORGANICS								
PHENOL	43D	4,000						
1,4-DICHLOROBENZENE	3	600						
1,2-DICHLOROBENZENE	20	600						
2-METHYLPHENOL	15	NO STANDARD						
4-METHYLPHENOL	57	NO STANDARD						
DIETHYL PHTHALATE	5	5,000						
AOC O,E ANDJ OIL/WATER SEPARATOR DRUM STORAGE	PP+40	MW-2/G0899	N/A	0.0	METALS			
					PPB			
					COPPER	10	1000	
					LEAD	15	10	
ZINC	30	5,000						
SEMIVOLATILE ORGANICS								
BIS(2-ETHYLHEXYL)PHTHALATE	1D	30						
AOC O,E ANDJ OIL/WATER SEPARATOR DRUM STORAGE	PP+40	MW-3/G0900	N/A	0.0	METALS			
					PPB			
					CHROMIUM	10	100	
					COPPER	20	1000	
					LEAD	102	10	X
					MERCURY	.4	2	
ZINC	40	5,000						
SEMIVOLATILE ORGANICS								
BIS(2-ETHYLHEXYL)PHTHALATE	1D	30						

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS	
AOC O, PIPING ASSOCIATED WITH OIL & WATER SEPARATOR (UNDER SURFICIAL MATTING)	PP+40, TPHC, pH	G1 / E3618	0-6" 24" (VOLATILES ONLY)		PHENOL	122J	50	X	
					TPHC	26,300	10,000	X	
					pH: 7.70 (SU)				
					METALS				
					ANTIMONY	10.6	14		
					ARSENIC	8.18	20		
					CADMIUM	5.39	1	X	
					CHROMIUM	59	NO STANDARD		
					COPPER	162	600		
					LEAD	1550	400	X	
					MERCURY	3.32	14		
					NICKEL	16.8	250		
					SELENIUM	0.54	63		
					SODIUM	647			
					ZINC	952	1500		
					VOLATILE ORGANICS				
					1,1-DICHLOROETHANE	0.005J	10		
					TRICHLOROETHENE	0.003J	1		
					TOLUENE	0.035	500		
					TETRACHLOROETHENE	0.006	1		
					TOTAL XYLENES	0.001J	10		
					1,2-DICHLOROBENZENE	0.001J	50		
					NAPHTHALENE	0.002J	100		
					SEMIVOLATILE ORGANICS				
					PHENOL	4.1DJ	50		
					PHENANTHRENE	4DJ	NO STANDARD		
					DI-N-BUTYLPHTHALATE	6.3DJ	100		
					FLUORANTHENE	7.8DJ	100		
					PYRENE	8.6DJ	100		
					BUTYLBENZYLPHTHALATE	4.2DJ	100		
					BENZO[A]ANTHRACENE	4.8DJ	0.9	X	
					BIS(2-ETHYLHEXYL)PHTHALAT	110DJ	49	X	
					CHRYSENE	5.2DJ	9		
DI-N-OCTYLPHTHALATE	5.1DJ	100							
BENZO[B]FLUORANTHENE	7.8DJ	0.9	X						
BENZO[A]PYRENE	5.3DJ	0.66	X						
INDENO[1,2,3-CD]PYRENE	3.8DJ	0.9	X						
BENZO[G,H,I]PERYLENE	3.9DJ	NO STANDARD							
PESTICIDES / PCB's									
NONE DETECTED									

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS				
AOC O, PIPING ASSOCIATED WITH OIL & WATER SEPARATOR (UNDER PIPING)	PP+40, TPHC, pH	G1A / E3619	3'		PHENOL	0.62J	50					
					TPHC	610	10,000					
					pH: 9.91 (SU)							
					METALS							
					ANTIMONY	6.74	14					
					ARSENIC	3.46	20					
					CADMIUM	4.65	1	X				
					CHROMIUM	11.6	NO STANDARD					
					COPPER	38.7	600					
					LEAD	1250	400	X				
					MERCURY	1.23	14					
					NICKEL	8	250					
					SODIUM	1460						
					ZINC	1900	1500	X				
					VOLATILE ORGANICS							
					TOLUENE	0.004J	500					
					TETRACHLOROETHENE	0.001J	1					
					SEMIVOLATILE ORGANICS							
					PHENOL	0.086DJ	50					
					BIS(2-CHLOROETHYL)ETHER	0.13DJ	0.66					
					1,2,4-TRICHLOROBENZENE	0.098DJ	68					
					NAPHTHALENE	0.23DJ	100					
					2-METHYLNAPHTHALENE	0.35DJ	NO STANDARD					
					ACENAPHTHENE	0.12DJ	100					
					FLUORENE	0.088DJ	100					
					PHENANTHRENE	1.1D	NO STANDARD					
					ANTHRACENE	0.26DJ	100					
					FLUORANTHENE	1.2D	100					
					PYRENE	1.3D	100					
					BENZO[A]ANTHRACENE	0.69DJ	0.9					
					BIS(2-ETHYLHEXYL)PHTHALAT	0.18DJ	49					
					CHRYSENE	0.62DJ	9					
					BENZO[B]FLUORANTHENE	0.82D	0.9					
BENZO[K]FLUORANTHENE	0.32DJ	0.9										
BENZO[A]PYRENE	0.52DJ	0.66										
INDENO[1,2,3-CD]PYRENE	0.34DJ	0.9										
DIBENZO[A,H]ANTHRACENE	0.13DJ	0.66										
BENZO[G,H,I]PERYLENE	0.4DJ	NO STANDARD										
PESTICIDES / PCB's												
NONE DETECTED												

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O, PIPING ASSOCIATED WITH OIL & WATER SEPARATOR (SUBSTANCE WITHIN PIPE)	PP+40, TPHC, pH	G1B / E3620	N/A		CYANIDE	107	1100	
					PHENOL	880	50	X
					TPHC	10,200	10,000	X
					pH: 6.82 (SU)			
					METALS			
					ANTIMONY	10.8	14	
					ARSENIC	4.32	20	
					CADMIUM	1	1	
					CHROMIUM	2510	NO STANDARD	
					COPPER	43.4	600	
					LEAD	774	400	X
					MERCURY	0.91	14	
					NICKEL	14.8	250	
					SODIUM	730	NO STANDARD	
					ZINC	605	1500	
					VOLATILE ORGANICS			
					TRICHLOROETHENE	11DJ	1	X
					TOLUENE	920D	500	X
					TETRACHLOROETHENE	360D	1	X
					ETHYLBENZENE	56D	100	
					TOTAL XYLENES	250D	10	X
					1,2-DICHLOROENZENE	12DJ	50	
					NAPHTHALENE	16DJ	100	
					SEMIVOLATILE ORGANICS			
					PHENOL	540D	50	X
1,2-DICHLOROENZENE	7D	50						
2-METHYLPHENOL	12DJ	2800						
2,4-DIMETHYLPHENOL	32DJ	10	X					
NAPHTHALENE	12DJ	100						
2-METHYLNAPHTHALENE	7.4DJ	NO STANDARD	X					
BUTYLBENZYLPHTHALATE	5.4DJ	100						
BIS(2-ETHYLHEXYL)PHTHALAT	52D	49	X					
PESTICIDES / PCB's								
NONE DETECTED								

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS				
AOC O, PIPING ASSOCIATED WITH OIL & WATER SEPARATOR	PP+40, TPHC, pH	G2 / E3621	3'		PHENOL	3.2	50					
					TPHC	79.6	10,000					
					pH: 7.72 (SU)							
					METALS							
					ANTIMONY	6.96	14					
					ARSENIC	4.23	20					
					CADMIUM	0.94	1					
					CHROMIUM	334	NO STANDARD					
					COPPER	29.7	600					
					LEAD	1090	400	X				
					MERCURY	2.91	14					
					NICKEL	17	250					
					ZINC	376	1500					
					VOLATILE ORGANICS							
					ACETONE	0.029	100					
					TOLUENE	0.027	500					
					TETRACHLOROETHENE	0.017	1					
					ETHYLBENZENE	0.003J	100					
					TOTAL XYLENES	0.012	10					
					SEMIVOLATILE ORGANICS							
					PHENOL	0.1J	50					
					4-METHYLPHENOL	2.5	2800					
					ACENAPHTHYLENE	0.096J	NO STANDARD					
					ACENAPHTHENE	0.04J	100					
					FLUORENE	0.041J	100					
					PHENANTHRENE	0.64	NO STANDARD					
					ANTHRACENE	0.14J	100					
DI-N-BUTYLPHTHALATE	0.19J	100										
FLUORANTHENE	0.94	100										
PYRENE	1.2	100										
BENZO[A]ANTHRACENE	0.66	0.9										
BIS(2-ETHYLHEXYL)PHTHALAT	0.074J	49										
CHRYSENE	0.62J	9										
BENZO[B]FLUORANTHENE	0.73	0.9										
BENZO[K]FLUORANTHENE	0.24J	0.9										
BENZO[A]PYRENE	0.61	0.66										
INDENO[1,2,3-CD]PYRENE	0.11J	0.9										
DIBENZ[A,H]ANTHRACENE	0.13J	0.66										
BENZO[G,H,I]PERYLENE	0.53	NO STANDARD										
PESTICIDES / PCB's												
NONE DETECTED												

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
 AABCO STEEL DRUM, INC
 CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O, PIPING ASSOCIATED WITH OIL & WATER SEPARATOR (UNDER PIPE)	PP+40, TPHC, pH	G4 / E3643	3'		pH: 8.39 (SU)			
					METALS			
					ANTIMONY	20.9	14	X
					ARSENIC	4.28	20	
					CADMIUM	3.48	1	X
					CHROMIUM	20.3	NO STANDARD	
					COPPER	19.5	600	
					LEAD	438	400	X
					MERCURY	1.81	14	
					NICKEL	7.89	250	
					ZINC	1010	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	0.049J	NO STANDARD	
					FLUORANTHENE	0.074J	100	
					PYRENE	0.062J	100	
BENZO[A]ANTHRACENE	0.063J	0.9						
CHRYSENE	0.059J	9						
BENZO[B]FLUORANTHENE	0.051J	0.9						
BENZO[A]PYRENE	0.043J	0.66						
PESTICIDES / PCB's								
NONE DETECTED								

D-INDICATES RESULT IS CALCULATED FROM DILUTION
 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O, PIPING ASSOCIATED WITH OIL & WATER SEPARATOR (UNDER PIPE)	PP+40, TPHC, pH	G5 / E3638	3'		pH: 8.29 (SU)			
					METALS			
					ANTIMONY	3.69	14	
					ARSENIC	5.61	20	
					BERYLLIUM	0.68	1	
					CADMIUM	2.67	1	X
					CHROMIUM	33.4	NO STANDARD	
					COPPER	26.5	600	
					LEAD	170	400	
					MERCURY	1.41	14	
					NICKEL	10.7	250	
					ZINC	227	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	0.052J	NO STANDARD	
					FLUORANTHENE	0.078J	100	
PYRENE	0.065J	100						
BENZO(A)ANTHRACENE	0.039J	0.9						
BIS(2-ETHYLHEXYL)PHTHALATE	0.044J	49						
CHRYSENE	0.046J	9						
BENZO(B)FLUORANTHENE	0.044J	0.9						
PESTICIDES / PCB's								
NONE DETECTED								

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS

AABCO STEEL DRUM, INC.

CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC D2, LOADING RAMP	PP+40, TPHC, pH	I3 / E3639	0-6" 24" (VOLATILES ONLY)		PHENOL	0.68J	50	
					pH: 7.6 (SU)			
					METALS			
					ANTIMONY	2.13	14	
					ARSENIC	20	20	
					CHROMIUM	11.9	NO STANDARD	
					COPPER	72.2	600	
					LEAD	955	400	X
					MERCURY	1.8	14	
					NICKEL	10.1	250	
					SELENIUM	1.68	63	
					ZINC	149	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENOL	0.68DJ	50	
					NAPHTHALENE	1.1DJ	100	
					2-METHYLNAPHTHALENE	0.69DJ	NO STANDARD	
					ACENAPHTHYLENE	0.34DJ	NO STANDARD	
					ACENAPHTHENE	3D	100	
					DIBENZOFURAN	2.3D	NO STANDARD	
					FLUORENE	2.4D	100	
					PHENANTHRENE	16D	NO STANDARD	
					ANTHRACENE	4.7D	100	
					DI-N-BUTYLPHTHALATE	11D	100	
					FLUORANTHENE	14D	100	
					PYRENE	12D	100	
BENZO[A]ANTHRACENE	6.7D	0.9	X					
CHRYSENE	6.6D	9						
BENZO[B]FLUORANTHENE	4.5D	0.9	X					
BENZO[K]FLUORANTHENE	4.8D	0.9	X					
BENZO[A]PYRENE	5.1D	0.66	X					
INDENO[1,2,3-CD]PYRENE	2.2D	0.9	X					
DIBENZ[A,H]ANTHRACENE	1.4DJ	0.66	X					
BENZO[G,H,I]PERYLENE	2.2D	NO STANDARD						
PESTICIDES / PCB's								
NONE DETECTED								

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 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS

AABCO STEEL DRUM, INC.

CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D12 / E3698	0-6" 24" (VOLATILES ONLY)					
					TPHC	360	10,000	
					pH: 8.60 (SU)			
					METALS			
					ANTIMONY	9.67	14	
					ARSENIC	44.2	20	X
					CADMIUM	1.78	1	X
					CHROMIUM	88.4	NO STANDARD	
					COPPER	8770	600	X
					LEAD	808	400	X
					MERCURY	4.44	14	
					NICKEL	18.6	250	
					SILVER	1.19	110	
					ZINC	582	1500	
					VOLATILE ORGANICS			
					NAPHTHALENE	0.008	100	
					SEMIVOLATILE ORGANICS			
					PHENOL	0.61DJ	50	
					ACENAPHTHYLENE	0.83DJ	NO STANDARD	
					ACENAPHTHENE	0.61DJ	100	
					FLUORENE	0.59DJ	100	
					PHENANTHRENE	7.2D	NO STANDARD	
					ANTHRACENE	2DJ	100	
					DI-N-BUTYLPHTHALATE	1.5DJ	100	
					FLUORANTHENE	12D	100	
					PYRENE	14D	100	
					BENZO[A]ANTHRACENE	7.3D	0.9	
					BIS(2-ETHYLHEXYL)PHTHALATE	0.46DJ	49	X
					CHRYSENE	7.2D	9	
					BENZO[B]FLUORANTHENE	7D	0.9	X
					BENZO[K]FLUORANTHENE	6.8D	0.9	X
					BENZO[A]PYRENE	7.2D	0.66	X
					INDENO[1,2,3-CD]PYRENE	4.7D	0.9	X
					DIBENZ[A,H]ANTHRACENE	2.6DJ	0.66	X
					BENZO[G,H,I]PERYLENE	5.3D	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

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 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D13 / E3703	0-6" 24" (VOLATILES ONLY)					
					TPHC	10,100	10,000	X
					pH: 8.24 (SU)			
					METALS			
					ANTIMONY	1.01	14	
					ARSENIC	5.18	20	
					CADMIUM	5.88	1	X
					CHROMIUM	19.4	NO STANDARD	
					COPPER	41.3	600	
					LEAD	890	400	X
					MERCURY	2.36	14	
					NICKEL	26.5	250	
					ZINC	455	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	8.8DJ	NO STANDARD	
					FLUORANTHENE	8.7DJ	100	
					PYRENE	12DJ	100	
					BENZO[A]ANTHRACENE	5.2DJ	0.9	X
					CHRYSENE	6.2DJ	9	
					BENZO[B]FLUORANTHENE	4DJ	0.9	X
					BENZO[K]FLUORANTHENE	4.5DJ	0.9	X
					BENZO[A]PYRENE	4.3DJ	0.66	X
					INDENO[1,2,3-CD]PYRENE	2.1DJ	0.9	X
					BENZO[G,H,I]PERYLENE	2.6DJ	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D14 / E3699	0-6" 24" (VOLATILES ONLY)					
					TPHC	450	10,000	
					pH: 8.34 (SU)			
					METALS			
					ANTIMONY	18.8	14	X
					ARSENIC	5.73	20	
					CADMIUM	1	1	
					CHROMIUM	16.8	NO STANDARD	
					COPPER	200	600	
					LEAD	1190	400	X
					MERCURY	10.6	14	
					NICKEL	9.47	250	
					ZINC	957	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	0.88DJ	NO STANDARD	
					ANTHRACENE	0.22DJ	100	
					FLUORANTHENE	1.6DJ	100	
					PYRENE	1.8DJ	100	
					BENZO[A]ANTHRACENE	0.88DJ	0.9	
					CHRYSENE	0.98DJ	9	
					BENZO[B]FLUORANTHENE	0.88DJ	0.9	
					BENZO[K]FLUORANTHENE	0.59DJ	0.9	
					BENZO[A]PYRENE	0.75DJ	0.66	X
					INDENO[1,2,3-CD]PYRENE	0.44DJ	0.9	
					DIBENZ[A,H]ANTHRACENE	0.23DJ	0.66	
					BENZO[G,H,I]PERYLENE	0.46DJ	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D15 / E3700	0-6" 24" (VOLATILES ONLY)					
					CYANIDE	1.29	1,100	
					TPHC	133	10,000	
					pH: 8.34 (SU)			
					METALS			
					ANTIMONY	121	14	X
					ARSENIC	7.66	20	
					CADMIUM	1.08	1	X
					CHROMIUM	20.7	NO STANDARD	
					COPPER	103	600	
					LEAD	6580	400	X
					MERCURY	18.3	14	X
					NICKEL	10.6	250	
					ZINC	443	1500	
					VOLATILE ORGANICS			
					TRICHLOROETHENE	0.005J	1	
					TETRACHLOROETHENE	0.012	1	
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	0.059J	100	
					ACENAPHTHYLENE	0.12J	NO STANDARD	
					ACENAPHTHENE	0.17J	100	
					DIBENZOFURAN	0.091J	NO STANDARD	
					FLUORENE	0.16J	100	
					PHENANTHRENE	1.9	NO STANDARD	
					ANTHRACENE	0.5	100	
					FLUORANTHENE	2.6	100	
					PYRENE	3.2	100	
					BENZO[A]ANTHRACENE	1.7	0.9	X
					BIS(2-ETHYLHEXYL)PHTHALATE	0.41	49	
					CHRYSENE	1.8	9	
					BENZO[B]FLUORANTHENE	1.8	0.9	X
					BENZO[K]FLUORANTHENE	1.4	0.9	X
					BENZO[A]PYRENE	1.6	0.66	X
					INDENO[1,2,3-CD]PYRENE	1.2	0.9	X
					DIBENZ[A,H]ANTHRACENE	0.66	0.66	
					BENZO[G,H,I]PERYLENE	1.3	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS

AABCO STEEL DRUM, INC.

CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D16 / E3695	0-6" 24" (VOLATILES ONLY)					
					TPHC	3590	10,000	
					pH: 8.42 (SU)			
					METALS			
					ANTIMONY	10	14	
					ARSENIC	24	20	X
					CADMIUM	3.43	1	X
					CHROMIUM	41.5	NO STANDARD	
					COPPER	108	600	
					LEAD	750	400	X
					MERCURY	2.17	14	
					NICKEL	23.2	250	
					ZINC	728	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					ACENAPHTHENE	1.1DJ	100	
					FLUORENE	1.2DJ	100	
					PHENANTHRENE	11D	NO STANDARD	
					ANTHRACENE	3DJ	100	
					DI-N-BUTYLPHTHALATE	4DJ	100	
					FLUORANTHENE	15D	100	
					PYRENE	15D	100	
					BENZO[A]ANTHRACENE	8.6DJ	0.9	X
					CHRYSENE	8.7DJ	9	
					BENZO[B]FLUORANTHENE	8.3DJ	0.9	X
					BENZO[K]FLUORANTHENE	8DJ	0.9	X
					BENZO[A]PYRENE	7.3DJ	0.66	X
					INDENO[1,2,3-CD]PYRENE	4.9DJ	0.9	X
					DIBENZO[A,H]ANTHRACENE	2.5DJ	0.66	X
					BENZO[G,H,I]PERYLENE	5.9DJ	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

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 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C4, PIT WITH METAL FRAME; DRUM WASHING AREA	TPHC, PP+40	C4A/F4642	SEDIMENT	1.0	CYANIDE	1.29	1,100	
					TPHC	52,800	10,000	X
					METALS			
					ARSENIC	2.27	20	
					CADMIUM	188	1	X
					CHROMIUM	807	NO STANDARD	
					COPPER	314	600	
					LEAD	3,470	400	X
					MERCURY	1.29	14	
					NICKEL	105	250	
					SILVER	12.4	110	
					ZINC	1,390	1,500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	5.600D	1	X
					TRICHLOROETHENE	2.700D	1	X
					TOLUENE	0.650D	500	
					TETRACHLOROETHENE	0.900D	1	
TOTAL XYLENES	0.500D	10						
STYRENE	0.810D	23						
1,2-DICHLOROBENZENE	0.380D	50						
NAPHTHALENE	0.490D	100						
SEMIVOLATILE ORGANICS								
BIS(2-ETHYLHEXYL)PHTHALATE	15.000DJ	49						

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C4, PIT WITH METAL FRAME; DRUM WASHING AREA	TPHC, PP+40	C4B/F4643	2.0	0.0	TPHC	16,700	10,000	X
					METALS			
					ARSENIC	1.34	20	
					BERYLLIUM	0.50	1	
					CADMIUM	70.3	1	X
					CHROMIUM	236	NO STANDARD	
					COPPER	109	600	
					LEAD	1,046	400	X
					MERCURY	1.09	14	
					NICKEL	34.1	250	
					SILVER	43.8	110	
					ZINC	688	1,500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	20.000D	1	X
					TRICHLOROETHENE	7.800D	1	X
					TOLUENE	2.100D	500	
					TETRACHLOROETHENE	9.300D	1	X
ETHYLBENZENE	0.350D	100						
TOTAL XYLENES	1.400D	10						
STYRENE	2.200D	23						
1,2-DICHLOROBENZENE	1.100D	50						
NAPHTHALENE	0.340D	100						
CIS-1,2-DICHLOROETHENE	3.600D	1	X					
SEMIVOLATILE ORGANICS								
BIS(2-ETHYLHEXYL)PHTHALATE	20.000D	49						

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C5, PIT WITH METAL FRAME; DRUM RINSING AREA	TPHC, PP+40	C5A/F4648	SEDIMENT	1.0	TPHC	274	10,000	
					METALS			
					ARSENIC	2.39	20	X
					CADMIUM	2.28	1	
					CHROMIUM	28.9	NO STANDARD	
					COPPER	42.5	600	
					LEAD	290	400	
					MERCURY	0.25	14	
					NICKEL	14.6	250	
					ZINC	365	1,500	
					SEMIVOLATILE ORGANICS			
					PHENOL	1.800D	50	X
					NAPHTHALENE	0.240D	100	
					ACENAPHTHENE	0.390D	100	
					DIBENZOFURAN	0.280DJ	NO STANDARD	
					PHENANTHRENE	2.700D	NO STANDARD	
					ANTHRACENE	0.650D	100	
					CARBAZOLE	0.360D	NO STANDARD	
					DI-N-BUTYLPHTHALATE	0.810D	100	
					FLUORANTHENE	2.500D	100	
					PYRENE	1.700D	100	
					BENZO(A)ANTHRACENE	0.920D	0.9	
					BIS(2-ETHYLHEXYL)PHTHALATE	1.800D	49	
					CHRYSENE	0.920D	9	
					BENZO(B)FLUORANTHENE	1.100D	0.9	
					BENZO(K)FLUORANTHENE	0.400D	0.9	
					BENZO(A)PYRENE	0.810D	0.66	
					INDENO(1,2,3-CD)PYRENE	0.460	0.9	
					BENZO(G,H,I)PERYLENE	0.380	NO STANDARD	
	TPHC, PP+40	C5B/F4649			METALS			
					ARSENIC	2.15	20	
					CHROMIUM	5.97	NO STANDARD	
					COPPER	2.49	600	
					ZINC	29.1	1,500	
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	0.067J	NO STANDARD	
					DI-N-BUTYLPHTHALATE	0.048J	100	
					FLUORANTHENE	0.068	100	
					PYRENE	0.059J	100	
					BIS(2-ETHYLHEXYL)PHTHALATE	0.071J	49	
					BENZO(B)FLUORANTHENE	0.037J	0.9	

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC CC, PIT; BUILDING #2	TPHC, PP+40	CC/F4747	2.5'	2.0	CYANIDE	0.54	1100	
					TPHC	44.3	10,000	
					METALS			
					ARSENIC	8.52	20	
					CADMIUM	0.96	1	
					CHROMIUM	17.4	NO STANDARD	
					COPPER	47.9	600	
					LEAD	1,000	400	X
					MERCURY	0.73	14	
					NICKEL	9.06	250	
					SELENIUM	1.07	63	
					ZINC	281	1,500	
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	0.450D	100	
					2-METHYLNAPHTHALENE	0.310D	NO STANDARD	
					ACENAPHTHYLENE	0.770D	NO STANDARD	
					ACENAPHTHENE	1.300D	100	
					DIBENZOFURAN	0.920D	NO STANDARD	
					FLUORENE	0.960D	100	
					PHENANTHRENE	14.000D	NO STANDARD	
					ANTHRACENE	2.500D	100	
					CARBAZOLE	2.000D	NO STANDARD	
					DI-N-BUTYLPHTHALATE	2.700D	100	
FLUORANTHENE	18.000D	100						
PYRENE	14.000D	100						
BENZO(A)ANTHRACENE	10.000D	0.9	X					
CHRYSENE	8.900D	9						
BENZO(B)FLUORANTHENE	16.000D	0.9	X					
BENZO(K)FLUORANTHENE	6.900D	0.9	X					
BENZO(A)PYRENE	10.000D	0.66	X					
INDENO(1,2,3-CD)PYRENE	5.300D	0.9	X					
DIBENZ(A,H)ANTHRACENE	1.900D	0.66	X					
BENZO(G,H,I)PERYLENE	4.900D	NO STANDARD						

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC P1, ELEVATOR SHAFTS	TPHC, PP+40	P1A/F4721	5.0'	0.0	METALS			
					ARSENIC	1.96	20	
					CHROMIUM	9.37	NO STANDARD	
					COPPER	11.2	600	
					LEAD	162	400	
					NICKEL	5.16	250	
	ZINC	49.0	1,500					
	SEMIVOLATILE ORGANICS							
	PHENANTHRENE	0.098	NO STANDARD					
	FLUORANTHENE	0.120	100					
	PYRENE	0.086	100					
	BENZO(A)ANTHRACENE	0.044	0.9					
CHRYSENE	0.056J	9						
BENZO(B)FLUORANTHENE	0.058J	0.9						
BENZO(A)PYRENE	0.040J	0.66						
TPHC, PP+40	P1B/F4722				METALS			
					ARSENIC	2.35	20	
					CHROMIUM	8.58	NO STANDARD	
					COPPER	16.0	600	
					LEAD	608	400	X
					MERCURY	2.15	14	
ZINC	71.3	1,500						
SEMIVOLATILE ORGANICS								
PHENANTHRENE	0.160	NO STANDARD						
ANTHRACENE	0.038J	100						
FLUORANTHENE	0.210	100						
PYRENE	0.160	100						
BENZO(A)ANTHRACENE	0.095	0.9						
CHRYSENE	0.110	9						
BENZO(B)FLUORANTHENE	0.120	0.9						
BENZO(K)FLUORANTHENE	0.055J	0.9						
BENZO(A)PYRENE	0.094	0.66						
INDENO(1,2,3-CD)PYRENE	0.056J	0.9						
BENZO(G,H,I)PERYLENE	0.058J	NO STANDARD						
TPHC, PP+40	P1C/F4719				METALS			
					ARSENIC	1.46	20	
					CHROMIUM	7.75	NO STANDARD	
					COPPER	3.77	600	
					NICKEL	5.42	250	
ZINC	19.2	1,500						

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
 AABCO STEEL DRUM, INC.
 CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC P1, ELEVATOR SHAFTS	TPHC, PP+40	P1D/F4720	5.0'	0.0	TPHC	32.8	10,000	
					METALS			
					ARSENIC	1.25	20	X
					CHROMIUM	41.0	NO STANDARD	
					COPPER	36.1	600	
					LEAD	412	400	
					MERCURY	0.29	14	
					NICKEL	7.05	250	
					ZINC	73.0	1,500	
					SEMIVOLATILE ORGANICS			
4-METHYLPHENOL	0.430D	2800						
FLUORANTHENE	0.090D	100						
PYRENE	0.081DJ	100						
CHRYSENE	0.075DJ	9						
BENZO(B)FLUORANTHENE	0.120DJ	0.9						
BENZO(A)PYRENE	0.078DJ	0.66						
AOC P2, ELEVATOR SHAFTS	TPHC, PP+40	P2A/F4723	5.0'	0.0	METALS			
					ARSENIC	1.32	20	NO STANDARD
					CHROMIUM	7.96	NO STANDARD	
					COPPER	2.23	600	
					ZINC	20.5	1,500	
	METALS							
	ARSENIC	4.63	20	NO STANDARD				
	CHROMIUM	6.76	NO STANDARD					
	COPPER	31.3	600					
	LEAD	285	400					
ZINC	969	1,500						
SEMIVOLATILE ORGANICS								
DI-N-BUTYLPHTHALATE	0.059J	100						
LIQUID SAMPLE AOC P2 ELEVATOR SHAFT	TPHC, PP+40	PX/F4746	N/A	0.0	TPHC	708	NO STANDARD	
					METALS			
					CADMIUM	0.019	0.004	X
					LEAD	0.131	0.010	X
					ZINC	0.03	5	
SEMIVOLATILE ORGANICS								
BIS(2-ETHYLHEXYL)PHTHALATE	0.020	0.030						

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O SEPARATOR 3/15/99	PP+40	MW-1/G0898	N/A	10.0	METALS			
					PPB			
					CHROMIUM	10	1000	
					LEAD	9	10	
					ZINC	60	5000	
					VOLATILE ORGANICS			
					VINYL CHLORIDE	140	5	X
					CHLOROETHANE	100	NO STANDARD	
					METHYLENE CHLORIDE	100D	2	X
					1,1-DICHLOROETHANE	200D	70	X
					1,1,1-TRICHLOROETHANE	46D	30	X
					BENZENE	11D	1	X
					TRICHLOROETHENE	12	1	X
					1,2-DICHLOROPROPANE	14D	1	X
					TOLUENE	210	1000	
ETHYLBENZENE	62D	700	X					
TOTAL XYLENES	230D	40	X					
CIS-1,2-DICHLOROETHENE	210	NO STANDARD						
1,2-DICHLOROBENZENE	35D	600						
SEMIVOLATILE ORGANICS								
PHENOL	43D	4,000						
1,4-DICHLOROBENZENE	3	600						
1,2-DICHLOROBENZENE	20	600						
2-METHYLPHENOL	15	NO STANDARD						
4-METHYLPHENOL	57	NO STANDARD						
DIETHYL PHTHALATE	5	5,000						

AOC O,E ANDJ	PP+40	MW-2/G0899	N/A	0.0	METALS			
OIL/WATER SEPARATOR DRUM STORAGE					PPB			
					COPPER	10	1000	
					LEAD	15	10	
					ZINC	30	5,000	
					SEMIVOLATILE ORGANICS			
					BIS(2-ETHYLHEXYL)PHTHALATE	1D	30	
AOC O,E ANDJ	PP+40	MW-3/G0900	N/A	0.0	METALS			
OIL/WATER SEPARATOR DRUM STORAGE					PPB			
					CHROMIUM	10	100	
					COPPER	20	1000	
					LEAD	102	10	X
					MERCURY	.4	2	
					ZINC	40	5,000	
					SEMIVOLATILE ORGANICS			
					BIS(2-ETHYLHEXYL)PHTHALATE	1D	30	

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC A2, FORMER NEUTRALIZATION AST	PP+40, pH, TPHC TOTAL SODIUM	C1 / E3577			TPHC	40.9	10000	
					pH: 7.00 (SU)			
					METALS			
					ARSENIC	1.54	20	
					CHROMIUM	15.2	NO STANDARD	
					COPPER	7.41	600	
					NICKEL	10.9	250	
ZINC	39.8	1500						
VOLATILE ORGANICS	NONE DETECTED							
SEMIVOLATILE ORGANICS								
BIS(2-ETHYLHEXYL)PHTHALAT	0.089J	49						
PESTICIDES / PCB's								
NONE DETECTED								

D - INDICATES RESULT IS CALCULATED FROM DILUTION
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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC A2, FORMER NEUTRALIZATION AST	PP+40, pH, TPHC TOTAL SODIUM	C2 / E3597			TPHC	NONE DETECTED	10000	
					pH: 9.19 (SU)			
					METALS			
					ARSENIC	3.21	20	
					CHROMIUM	9.30	NO STANDARD	
					COPPER	5.42	600	
					LEAD	32.3	400	
					MERCURY	1.15	14	
					ZINC	20.8	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	0.25J	NO STANDARD	
					ANTHRACENE	0.049J	100	
					DI-N-BUTYLPHTHALATE	0.075J	100	
					FLUORANTHENE	0.24J	100	
					PYRENE	0.28J	100	
					BENZO(A)ANTHRACENE	0.13J	0.9	
					BIS(2-ETHYLHEXYL)PHTHALAT	0.059J	49	
					CHRYSENE	0.14J	9	
BENZO(B)FLUORANTHENE	0.085J	0.9						
BENZO(K)FLOURANTHENE	0.077J	0.9						
BENZO(A)PYRENE	0.096J	0.66						
INDENO(1,2,3-CD)PYRENE	0.048J	0.9						
BENZO(G,H,I)PERYLENE	0.08J	NO STANDARD						
PESTICIDES / PCB's								
NONE DETECTED								

D - INDICATES RESULT IS CALCULATED FROM DILUTION
J - INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS			
AOC D3, RAISED LOADING AREA	PP+40, TPHC, pH	B1 / E3531	0-6"		PHENOL	8.5J	50				
			24" (VOLATILES ONLY)		TPHC	10,400	10,000	X			
					pH: 8.61 (SU)						
					METALS						
					ANTIMONY	3.51	14				
					ARSENIC	4.31	20				
					BERYLLIUM	1.19	1	X			
					CADMIUM	19	1	X			
					CHROMIUM	53.9	NO STANDARD				
					COPPER	152	600				
					LEAD	428	400	X			
					MERCURY	1.31	14				
					NICKEL	453	250	X			
					SILVER	7.31	110				
					ZINC	2020	1500	X			
					VOLATILE ORGANICS						
					METHYLENE CHLORIDE	6.5D	1	X			
					1,1-DICHLOROETHANE	0.27DJ	10				
					1,1,1-TRICHLOROETHANE	12D	50				
					TRICHLOROETHENE	15D	1	X			
					TOLUENE	26D	500				
					TETRACHLOROETHENE	13D	1	X			
					CHLOROBENZENE	0.45DJ	1				
					ETHYLBENZENE	8.3D	100				
					TOTAL XYLENES	34D	10	X			
					STYRENE	2.9D	23				
					1,3-DICHLOROBENZENE	0.52DJ	100				
	1,4-DICHLOROBENZENE	2.1D	100								
	1,2-DICHLOROBENZENE	28D	50								
	NAPHTHALENE	11D	100								
	SEMIVOLATILE ORGANICS										
	PHENOL	8.5DJ	50								
	BIS(-2-CHLOROETHYL)ETHER	4.1DJ	0.66	X							
	1,2-DICHLOROBENZENE	18DJ	50								
	NAPHTHLENE	8.8DJ	100								
	2-METHYLNAPHTHALENE	6.2DJ	NO STANDARD								
	DI-N-BUTYLPHTHALATE	9.7DJ	100								
	BIS(2-ETHYLHEXYL)PHTHALATE	30D	49								
	PESTICIDES / PCB's										
	NONE DETECTED										

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C1, DRUM WASHING AREA	TPHC, PP+40	C1/F4745	2'	2.0	TPHC	42.9	10,000	
					METALS			
					ARSENIC	2.46	20	
					CHROMIUM	7.15	NO STANDARD	
					COPPER	33.0	600	
					LEAD	301	400	
					MERCURY	0.36	14	
					ZINC	1,020	1,500	
					VOLATILE ORGANICS			
					TRICHLOROETHENE	0.190D	1	
					TERTRACHLOROETHENE	1.400D	1	X
					SEMIVOLATILE ORGANICS			
					1,2,4-TRICHLOROBENZENE	0.110	68	
					NAPHTHALENE	0.040	100	
					HEXACHLOROBUTADIENE	0.046	1	
					ACENAPHTHYLENE	0.056J	NO STANDARD	
					ACENAPHTHENE	0.058J	100	
					DIBENZOFURAN	0.052J	NO STANDARD	
					FLUORENE	0.060J	100	
					PHENANTHRENE	0.640	NO STANDARD	
					ANTHRACENE	0.160	100	
					CARBAZOLE	0.078	NO STANDARD	
					FLUORANTHENE	0.680	100	
PYRENE	0.460	100						
BENZO(A)ANTHRACENE	0.320	0.9						
CHRYSENE	0.320	9						
BENZO(B)FLUORANTHENE	0.430	0.9						
BENZO(K)FLUORANTHENE	0.170	0.9						
BENZO(A)PYRENE	0.280	0.66						
INDENO(1,2,3-CD)PYRENE	0.150	0.9						
DIBENZ(A,H)ANTHRACENE	0.051J	0.66						
BENZO(G,H,I)PERYLENE	0.140	NO STANDARD						

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C1, DRUM WASHING AREA AND ASSOCIATED PIPING	TPHC, PP+40	C1A/F4650	1.0'	2.0	METALS ARSENIC CHROMIUM COPPER LEAD NICKEL ZINC	6.65 9.80 34.8 300 7.20 177	20 NO STANDARD 600 400 250 1,500	
					VOLATILE ORGANICS TRICHLOROETHENE TETRACHLOROETHENE	1.400D 2.100D	1 1	X X
					SEMIVOLATILE ORGANICS PHENANTHRENE ANTHRACENE CARBAZOLE FLUORANTHENE PYRENE BENZO(A)ANTHRACENE CHRYSENE BENZO(B)FLUORANTHENE BENZO(K)FLUORANTHENE BENZO(A)PYRENE INDENO(1,2,3-CD)PYRENE DIBENZ(A,H)ANTHRACENE BENZO(G,H,I)PERYLENE	0.710D 0.160 0.075DJ 0.980D 0.620D 0.440D 0.490D 0.680D 0.200D 0.400D 0.360D 0.110DJ 0.310D	NO STANDARD 100 NO STANDARD 100 100 0.9 9 0.9 0.9 0.66 0.9 0.66 NO STANDARD	
	TPHC, PP+40	C1B/F4713			TPHC METALS ARSENIC CADMIUM CHROMIUM COPPER LEAD ZINC	1,850 0.79 0.62 41.9 9.18 88.3 120	10,000 20 1 NO STANDARD 600 400 1,500	
					VOLATILE ORGANICS TRICHLOROETHENE TETRACHLOROETHENE	3.600D 2.700D	1 1	X X
					SEMIVOLATILE ORGANICS PHENANTHRENE FLUORANTHENE PYRENE BIS(2-ETHYLHEXYL)PHTHALATE	0.460DJ 0.390D 0.420DJ 2.600D	NO STANDARD 100 100 49	

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C2, DRUM WASHING AREA AND ASSOCIATED PIPING	TPHC, PP+40	C2A/F4644	SEDIMENT	1.0	CYANIDE	4.26	1,100	
					TPHC	5,130	10,000	
					METALS			
					ARSENIC	5.81	20	
					CADMIUM	74.6	1	X
					CHROMIUM	223	NO STANDARD	
					COPPER	378	600	
					LEAD	2,320	400	X
					MERCURY	0.60	14	
					NICKEL	126	250	
					SILVER	9.69	110	
					ZINC	13,200	1,500	X
					VOLATILE ORGANICS			
					1,1,1-TRICHLOROETHANE	0.840D	50	
					TRICHLOROETHENE	0.860D	1	
					TOLUENE	0.150D	500	
					TETRACHLOROETHENE	0.400D	1	
					NAPHTHALENE	0.190D	100	
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	11.000D	NO STANDARD	
					ANTHRACENE	2.800DJ	100	
					DI-N-BUTYLPHTHALATE	38.000D	100	
					FLUORANTHENE	33.000D	100	
PYRENE	24.000D	100						
BENZO(A)ANTHRACENE	14.000D	0.9	X					
BIS(2-ETHYLHEXYL)PHTHALATE	11.000D	49						
CHRYSENE	17.000D	9	X					
BENZO(B)FLUORANTHENE	30.000D	0.9	X					
BENZO(K)FLUORANTHENE	13.000D	0.9	X					
BENZO(A)PYRENE	20.000D	0.66	X					
INDENO(1,2,3-CD)PYRENE	13.000D	0.9	X					
DIBENZ(A,H)ANTHRACENE	3.500DJ	0.66	X					
BENZO(G,H,I)PERYLENE	11.000D	NO STANDARD						

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC C2, DRUM WASHING AREA AND ASSOCIATED PIPING	TPHC, PP+40	C2B/F4645	2.0'	1.0	METALS			
					ARSENIC	4.56	20	
					CHROMIUM	6.01	NO STANDARD	
					COPPER	137	600	
					LEAD	126	400	
					MERCURY	0.16	14	
					ZINC	62.4	1,500	
					VOLATILE ORGANICS			
					1,1,1-TRICHLOROETHANE	0.820D	50	
					TRICHLOROETHENE	1.400D	1	X
					TETRACHLOROETHENE	1.000D	1	
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	0.240D	NO STANDARD	
					FLUORANTHENE	0.440D	100	
					PYRENE	0.300D	100	
BENZO(A)ANTHRACENE	0.190D	0.9						
CHRYSENE	0.230D	9						
BENZO(B)FLUORANTHENE	0.290D	0.9						
BENZO(K)FLUORANTHENE	0.098DJ	0.9						
BENZO(A)PYRENE	0.160D	0.66						
INDENO(1,2,3-CD)PYRENE	0.170D	0.9						
BENZO(G,H,I)PERYLENE	0.160D	NO STANDARD						

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O, OIL/WATER SEPARATOR	PP+40, pH, TPHC TOTAL SODIUM	A1 / E3527	5'		TPHC	25700	10000	X
					pH: 8.83 (SU)			
					PHENOL	42J	50	
					METALS			
					ANTIMONY	1.30	14	
					ARSENIC	3.82	20	
					BERYLLIUM	1.61	1	X
					CADMIUM	15.4	1	X
					CHROMIUM	26.9	NO STANDARD	
					COPPER	83.5	600	
					LEAD	161	400	
					MERCURY	4.58	14	
					NICKEL	12.8	250	
					SILVER	1.54	110	
					ZINC	575	1500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	68D	1	X
					1,1,1-TRICHLOROETHANE	35D	50	
					TRICHLOROETHENE	73D	1	X
					TOLUENE	86D	500	
					TETRACHLOROETHENE	39D	1	X
					CHLOROBENZENE	1.6DJ	1	X
					ETHYLBENZENE	18D	100	
					TOTAL XYLENES	76D	10	X
					1,3-DICHLOROBENZENE	4DJ	100	
					1,4-DICHLOROBENZENE	9.8D	100	
					1,2-DICHLOROBENZENE	93D	50	X
NAPHTHALENE	6.9DJ	100						
SEMIVOLATILE ORGANICS								
PHENOL	16DJ	50						
1,4-DICHLOROBENZENE	20DJ	100						
BENZYL ALCOLHOL	26DJ	50						
1,2-DICHLOROBENZENE	170D	50	X					
NAPHTHALENE	25DJ	100						
2-METHYLNAPHTHALENE	18DJ	NO STANDARD						
DI-N-BUTYLPHTHALATE	77DJ	100						
BIS(2-ETHYLHEXYL)PHTHALAT	120D	49	X					
PESTICIDES / PCB's								
NONE DETECTED								

D - INDICATES RESULT IS CALCULATED FROM DILUTION
J - INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O, OIL/WATER SEPARATOR	PP+40, pH, TPHC TOTAL SODIUM	A2 / E3528	4'		TPHC	36100	10000	X
					pH: 11.18 (SU)			
					PHENOL	177J	50	X
					METALS			
					ANTIMONY	4.00	14	
					ARSENIC	2.16	20	
					BERYLLIUM	0.71	1	
					CADMIUM	54.5	1	X
					CHROMIUM	62.4	NO STANDARD	
					COPPER	217	600	
					LEAD	389	400	
					MERCURY	1.55	14	
					NICKEL	25.3	250	
					SILVER	13.7	110	
					SODIUM	1730	NO STANDARD	
					ZINC	1370	1500	
					VOLATILE ORGANICS			
					TRICHLOROFLUOROMETHANE	4.2DJ	NO STANDARD	
					1,1-DICHLOROETHENE	2.2DJ	8	
					METHYLENE CHLORIDE	180D	1	X
					1,1-DICHLOROETHANE	3.9DJ	10	
					CHLOROFORM	1.9DJ	1	X
					1,1,1-TRICHLOROETHANE	210D	50	X
					TRICHLOROETHENE	260D	1	X
					TOLUENE	180D	500	
					TETRACHLOROETHENE	110D	1	X
					CHLOROBENZENE	2.2DJ	1	X
					ETHYLBENZENE	28D	100	
					TOTAL XYLENES	120D	10	X
					STYRENE	19D	23	
					1,3-DICHLOROBENZENE	3.1DJ	100	
					1,4-DICHLOROBENZENE	12D	100	
					1,2-DICHLOROBENZENE	170D	50	X
NAPHTHALENE	54D	100						
SEMIVOLATILE ORGANICS								
PHENOL	67DJ	50	X					
1,4-DICHLOROBENZENE	18DJ	100						
BENYL ALCOLHOL	110DJ	50	X					
1,2-DICHLOROBENZENE	200D	50	X					
NAPHTHALENE	50DJ	100						
2-METHYLNAPHTHALENE	33DJ	NO STANDARD						
DI-N-BUTYLPHTHALATE	100DJ	100						
BIS(2-ETHYLHEXYL)PHTHALAT	180D	49	X					
PESTICIDES / PCB's								
NONE DETECTED								

D - INDICATES RESULT IS CALCULATED FROM DILUTION
J - INDICATES COMPOUND IS DETECTED BELOW THE MDI

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O, OIL/WATER SEPARATOR	PP+40, pH, TPHC TOTAL SODIUM	A3 / E3529	6'		TPHC	24500	10000	X
					pH: 7.54 (SU)			
					METALS			
					ARSENIC	6.45	20	
					BERYLLIUM	0.88	1	
					CHROMIUM	14.9	NO STANDARD	
					COPPER	21.5	600	
					LEAD	30.1	400	
					NICKEL	7.11	250	
					SELENIUM	0.91	63	
					ZINC	76.9	1500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	3.9D	1	X
					1,1,1-TRICHLOROETHANE	3.5D	50	
					TRICHLOROETHENE	4.5D	1	X
					TOLUENE	4.2D	500	
					TETRACHLOROETHENE	2.5D	1	X
					ETHYLBENZENE	4.8D	100	
					TOTAL XYLENES	5.8D	10	
					1,4-DICHLOROBENZENE	0.22DJ	100	
1,2-DICHLOROBENZENE	3.2D	50						
NAPHTHALENE	5.5D	100						
SEMIVOLATILE ORGANICS								
NAPHTHALENE	4.1DJ	100						
2-METHYLNAPHTHALENE	11DJ	NO STANDARD						
FLUORENE	2.1DJ	100						
PHENANTHRENE	5.4DJ	NO STANDARD						
PESTICIDES / PCB's								
NONE DETECTED								

D - INDICATES RESULT IS CALCULATED FROM DILUTION
J - INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O, OIL/WATER SEPARATOR	PP+40, pH, TPHC TOTAL SODIUM	A4 / E3530	2.5' - 3' BELOW PIPING COMING FROM BUILDING		TPHC	30600	10000	X
					pH: 8.28 (SU)			
					METALS			
					ARSENIC	3.83	20	X
					BERYLLIUM	1.56	1	
					CHROMIUM	15.5	NO STANDARD	
					COPPER	13.9	600	
					LEAD	43.2	400	
					MERCURY	0.18	14	
					NICKEL	7.79	250	
					ZINC	75.9	1500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	4D	1	X
1,1,1-TRICHLOROETHANE	1.7D	50						
TRICHLOROETHENE	2D	1						
TOLUENE	2.8D	500						
TETRACHLOROETHENE	0.48DJ	1						
ETHYLBENZENE	2.1D	100						
TOTAL XYLENES	5.9D	10						
1,2-DICHLOROBENZENE	0.71DJ	50						
NAPHTHALENE	4D	100						
SEMIVOLATILE ORGANICS								
2-METHYLNAPHTHALENE	16DJ	NO STANDARD						
PESTICIDES / PCB's								
NONE DETECTED								

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O, OIL/WATER SEPARATOR	PP+40, pH, TPHC TOTAL SODIUM	A5 / E3576	6'		TPHC	19300	10000	X
					pH: 7.69 (SU)			
					METALS			
					ANTIMONY	0.70	14	
					ARSENIC	5.65	20	
					CADMIUM	22.3	1	X
					CHROMIUM	27.6	NO STANDARD	
					COPPER	42.2	600	
					LEAD	138	400	
					MERCURY	0.58	14	
					NICKEL	11.6	250	
					SELENIUM	0.58	63	
					SILVER	2.40	110	
					ZINC	4396	1500	X
					VOLATILE ORGANICS			
					ACETONE	4.1D	100	
					METHYLENE CHLORIDE	1.2D	1	X
					2-BUTANONE	3.7D	50	
					1,1,1-TRICHLOROETHANE	1.7D	50	
					TRICHLOROETHENE	4.2D	1	X
					TOLUENE	7.4D	500	
					TETRACHLOROETHENE	3.4D	1	X
					ETHYLBENZENE	12D	100	
					TOTAL XYLENES	35D	10	X
					STYRENE	0.81D	23	
					1,3-DICHLOROBENZENE	0.46DJ	100	
					1,4-DICHLOROBENZENE	1.3D	100	
					1,2-DICHLOROBENZENE	13D	50	
					ACROLEIN	4.6D	NO STANDARD	
					ACRYLONITRILE	10D	1	X
					NAPHTHALENE	8.2D	100	
					SEMIVOLATILE ORGANICS			
					PHENOL	6.4DJ	50	
1,2-DICHLOROBENZENE	14DJ	50						
NAPHTHALENE	8.3DJ	100						
2-METHYLNAPHTHALENE	12DJ	NO STANDARD						
FLUORENE	2.4DJ	100						
PHENANTHRENE	6.8DJ	NO STANDARD						
DI-N-BUTYLPHTHALATE	14DJ	100						
BIS(2-ETHYLHEXYL)PHTHALAT	26D	49						
PESTICIDES / PCB's								
NONE DETECTED								

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J - INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC O. OIL/WATER SEPARATOR	PP+40, pH, TPHC TOTAL SODIUM	A6 / E3591	0-6" 24" (VOLATILES ONLY)		TPHC	50700	10000	X
					pH: 7.45 (SU)			
					METALS			
					ARSENIC	9.30	20	
					CHROMIUM	13.4	NO STANDARD	
					COPPER	10.2	600	
					LEAD	27.2	400	
					ZINC	42.1	1500	
					VOLATILE ORGANICS			
					TOLUENE	5.2DJ	500	
					ETHYLBENZENE	4.8DJ	100	
					TOTAL XYLENES	24DJ	10	X
					NAPHTHALENE	62D	100	
SEMIVOLATILE ORGANICS								
NAPHTHALENE	81D	100						
2-METHYLNAPHTHALENE	230D	NO STANDARD						
ACENAPHTHENE	33DJ	100						
DIBENZOFURAN	17DJ	NO STANDARD						
FLUORENE	34DJ	100						
N-NITROSODIPHENYLAMINE	32DJ	100						
PHENANTHRENE	79D	NO STANDARD						
ANTHRACENE	5.5DJ	100						
PYRENE	9.3DJ	100						
PESTICIDES / PCB's								
NONE DETECTED								

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B, UST	PP+40, pH, TPHC TOTAL SODIUM	E1 / E3592	8'		TPHC	3300	10000	
					pH: 6.09 (SU)			
					METALS			
					ARSENIC	0.78	20	
					CHROMIUM	9.15	NO STANDARD	
					COPPER	8.29	600	
					NICKEL	4.96	250	
					ZINC	17.2	1500	
					VOLATILE ORGANICS			
					TOLUENE	0.008DJ	500	
					ETHYLBENZENE	0.021DJ	100	
					TOTAL XYLENES	0.006DJ	10	
					NAPHTHALENE	0.23D	100	
SEMIVOLATILE ORGANICS								
NAPHTHALENE	0.67DJ	100						
2-METHYLNAPHTHALENE	2.6DJ	NO STANDARD						
FLUORENE	0.62DJ	100						
N-NITROSODIPHENYLAMINE	0.38DJ	100						
PHENANTHRENE	1.7DJ	NO STANDARD						
PESTICIDES / PCB's								
NONE DETECTED								

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B, UST	PP+40, pH, TPHC TOTAL SODIUM	E2 / E3594	8'		TPHC	13100	10000	X
					pH: 5.83 (SU)			
					METALS			
					ARSENIC	3.88	20	
					CHROMIUM	15.1	NO STANDARD	
					COPPER	9.55	600	
					NICKEL	5.34	250	
					ZINC	21.5	1500	
					VOLATILE ORGANICS			
					ACETONE	0.047DJ	100	
BENZENE	0.006DJ	1						
TOLUENE	0.071D	500						
TETRACHLOROETHENE	0.014DJ	1						
ETHYLBENZENE	0.047D	100						
TOTAL XYLENES	0.1D	10						
NAPHTHALENE	0.25D	100						
SEMIVOLATILE ORGANICS								
N-NITROSO-DI-N-PROPYLAMINE	2.8DJ	0.66	X					
2-METHYLNAPHTHALENE	6.3DJ	NO STANDARD						
N-NITROSODIPHENYLAMINE	2.4DJ	100						
PHENANTHRENE	4.1DJ	NO STANDARD						
CHRYSENE	1.8DJ	9						
PESTICIDES / PCB's								
NONE DETECTED								

D - INDICATES RESULT IS CALCULATED FROM DILUTION
J - INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B, UST	TPHC, VOC'S	E3 / E3595	8'		TPHC	NONE DETECTED	10000	
					VOLATILE ORGANICS			
					TOLUENE	0.001J	500	
					TOTAL XYLENES	0.001J	10	
					NAPHTHALENE	0.005J	100	

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B, UST	TPHC, VOC'S	E4 / E3596	8'		TPHC	NONE DETECTED	10000	
					VOLATILE ORGANICS NONE DETECTED			

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 J - INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCÓ STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B, UST	TPHC, VOC'S	E5 / E3598	8'		TPHC	NONE DETECTED		
					VOLATILE ORGANICS NONE DETECTED			

D - INDICATES RESULT IS CALCULATED FROM DILUTION
 J - INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B, UST	TPHC, VOC'S	E7 / E3593	6" BELOW PIPING		TPHC	34600	10000	X
					VOLATILE ORGANICS			
					ACETONE	0.079D	100	
					BENZENE	0.016DJ	1	
					TOLUENE	0.023DJ	500	
					CHLOROBENZENE	0.02DJ	1	
					ETHYLBENZENE	0.84D	100	
					TOTAL XYLENES	0.9D	10	
					NAPHTHALENE	0.88D	100	

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 J - INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC D1, LOADING AREA	PP+40, TPHC, pH	J1 / E3705	0-6" 24" (VOLATILES ONLY)		TPHC	219	10,000	
					pH: 7.97 (SU)			
					METALS			
					ARSENIC	16.9	20	
					CHROMIUM	28.1	NO STANDARD	
					COPPER	368	600	
					LEAD	161	400	
					MERCURY	7.63	14	
					NICKEL	29	250	
					ZINC	344	1500	
					VOLATILE ORGANICS			
					TRICHLOROETHENE	0.003J	1	
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	0.55DJ	100	
					2-METHYLNAPHTHALENE	0.3DJ	NO STANDARD	
					ACENAPHTHYLENE	1.8DJ	NO STANDARD	
					ACENAPHTHENE	1.1DJ	100	
					DIBENZOFURAN	1DJ	NO STANDARD	
					FLUORENE	1.5DJ	100	
					PHENANTHRENE	15D	NO STANDARD	
					ANTHRACENE	4.3D	100	
					DI-N-BUTYLPHTHALATE	0.89DJ	100	
					FLUORANTHENE	23D	100	
PYRENE	24D	100						
BENZO[A]ANTHRACENE	14D	0.9	X					
CHRYSENE	15D	9	X					
BENZO[B]FLUORANTHENE	15D	0.9	X					
BENZO[K]FLUORANTHENE	8.4D	0.9	X					
BENZO[A]PYRENE	12D	0.66	X					
INDENO[1,2,3-CD]PYRENE	5.7D	0.9	X					
DIBENZ[A,H]ANTHRACENE	3.5D	0.66	X					
BENZO[G,H,I]PERYLENE	5.7D	NO STANDARD						
PESTICIDES / PCB's								
NONE DETECTED								

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC D1, LOADING AREA	PP+40, TPHC, pH	J2 / E3706	0-6" 24" (VOLATILES ONLY)					
					pH: 8.54 (SU)			
					METALS			
					ANTIMONY	0.87	14	
					ARSENIC	6.38	20	
					CHROMIUM	12.3	NO STANDARD	
					COPPER	16.8	600	
					LEAD	176	400	
					MERCURY	0.6	14	
					NICKEL	6.78	250	
					ZINC	92.9	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	0.072J	100	
					2-METHYLNAPHTHALENE	0.049J	NO STANDARD	
					ACENAPHTHYLENE	0.084J	NO STANDARD	
					ACENAPHTHENE	0.24J	100	
					DIBENZOFURAN	0.15J	NO STANDARD	
					FLUORENE	0.2J	100	
					PHENANTHRENE	1.7	NO STANDARD	
					ANTHRACENE	0.42	100	
					DI-N-BUTYLPHTHALATE	1.1	100	
					FLUORANTHENE	1.9	100	
					PYRENE	1.7	100	
					BENZO[A]ANTHRACENE	0.92	0.9	X
					BIS(2-ETHYLHEXYL)PHTHALATE	0.057J	49	
					CHRYSENE	1.1	9	
					BENZO[B]FLUORANTHENE	0.87	0.9	
					BENZO[K]FLUORANTHENE	0.62	0.9	
					BENZO[A]PYRENE	0.77	0.66	X
					INDENO[1,2,3-CD]PYRENE	0.36J	0.9	
					DIBENZ[A,H]ANTHRACENE	0.22J	0.66	
					BENZO[G,H,I]PERYLENE	0.34J	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS			
AOC D1, LOADING AREA	PP+40, TPHC, pH	J3 / E3707	0-6"								
			24" (VOLATILES ONLY)								
								pH: 8.36 (SU)			
								METALS			
								ANTIMONY	0.63	14	
								ARSENIC	4.69	20	
								CHROMIUM	7.05	NO STANDARD	
								COPPER	16.1	600	
								LEAD	242	400	
								NICKEL	5.68	250	
								ZINC	96.7	1500	
								VOLATILE ORGANICS			
								NONE DETECTED			
								SEMIVOLATILE ORGANICS			
								ACENAPHTHYLENE	0.098J	NO STANDARD	
								ACENAPHTHENE	0.036J	100	
								FLUORENE	0.036J	100	
								PHENANTHRENE	0.86	NO STANDARD	
								ANTHRACENE	0.2J	100	
								DI-N-BUTYLPHTHALATE	0.86	100	
								FLUORANTHENE	1.7	100	
								PYRENE	1.5	100	
				BENZO[A]ANTHRACENE	0.83	0.9					
				BIS(2-ETHYLHEXYL)PHTHALATE	0.055J	49					
				CHRYSENE	0.99	9					
				BENZO[B]FLUORANTHENE	0.85	0.9					
				BENZO[K]FLUORANTHENE	0.55	0.9					
				BENZO[A]PYRENE	0.74	0.66	X				
				INDENO[1,2,3-CD]PYRENE	0.35J	0.9					
				DIBENZ[A,H]ANTHRACENE	0.2J	0.66					
				BENZO[G,H,I]PERYLENE	0.35J	NO STANDARD					
				PESTICIDES / PCB's							
				NONE DETECTED							

D-INDICATES RESULT IS CALCULATED FROM DILUTION
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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B2, UST ADJACENT TO REGISTERED UST	TPHC	H1 / E3644	7.5'		N/A	N/A	10,000	

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D10 / E3624	0-6" 24" (VOLATILES ONLY)					
					TPHC	1450	10,000	
					pH: 8.38 (SU)			
					METALS			
					ARSENIC	2.7	20	
					CADMIUM	7.72	1	X
					CHROMIUM	107	NO STANDARD	
					COPPER	528	600	
					LEAD	346	400	
					MERCURY	1.43	14	
					NICKEL	9.6	250	
					ZINC	305	1500	
					VOLATILE ORGANICS			
					TOLUENE	0.011	500	
					TETRACHLOROETHENE	0.005J	1	
					SEMIVOLATILE ORGANICS			
					4-METHYLPHENOL	0.41DJ	2800	
					2,4-DIMETHYLPHENOL	0.2DJ	10	
					NAPHTHALENE	3.4D	100	
					2-METHYLNAPHTHALENE	1.1DJ	NO STANDARD	
					ACENAPHTHYLENE	0.86DJ	NO STANDARD	
					ACENAPHTHENE	3.1D	100	
					DIBENZOFURAN	2.5D	NO STANDARD	
					FLUORENE	4D	100	
					PHENANTHRENE	18D	NO STANDARD	
					ANTHRACENE	5.8D	100	
					DI-N-BUTYLPHTHALATE	0.37DJ	100	
					FLUORANTHENE	18D	100	
					PYRENE	20D	100	
					BENZO[A]ANTHRACENE	10D	0.9	X
					CHRYSENE	9.8D	9	X
					BENZO[B]FLUORANTHENE	9.8D	0.9	X
					BENZO[K]FLUORANTHENE	6.2D	0.9	X
					BENZO[A]PYRENE	8.5D	0.66	X
					INDENO[1,2,3-CD]PYRENE	3.6D	0.9	X
					DIBENZ[A,H]ANTHRACENE	2.2D	0.66	X
					BENZO[G,H,I]PERYLENE	3.8D	NO STANDARD	
					PESTICIDES / PCB's			
					HEPTACHLOR	0.055J	0.15	

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CANDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B2, UST ADJACENT TO REGISTERED UST	TPHC	H2 / E3646	7.5'		N/A	N/A	10,000	

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC B2, UST ADJACENT TO REGISTERED UST	TPHC	H3 / E3645	7.5'		N/A	N/A	10,000	

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS			
AOC E, YARD AREA	PP+40, TPHC, pH	D1 / E3578	0-6"		CYANIDE	0.63	1100				
			24" (VOLATILES ONLY)		TPHC	344	10,000				
			pH: 8.34 (SU)								
			METALS								
			ANTIMONY		12.7	14					
			ARSENIC		15.8	20					
			CADMIUM		3.31	1	X				
			CHROMIUM		45.9	NO STANDARD					
			COPPER		167	600					
			LEAD		1560	400	X				
			MERCURY		3.43	14					
			NICKEL		33	250					
			SELENIUM		0.78	63					
			ZINC		641	1500					
			VOLATILE ORGANICS								
			METHYLENE CHLORIDE		0.047	1					
			1,1,1-TRICHLOROETHANE		0.005J	50					
			TRICHLOROETHENE		0.003J	1					
			TOLUENE		0.003J	500					
			TOTAL XYLENES		0.002J	10					
			1,2-DICHLOROBENZENE		0.001J	50					
			SEMIVOLATILE ORGANICS								
			NAPHTHALENE		1.6DJ	100					
			2-METHYLNAPHTHALENE		0.62DJ	NO STANDARD					
			ACENAPHTHYLENE		0.45DJ	NO STANDARD					
			ACENAPHTHENE		1.6DJ	100					
			DIBENZOFURAN		1.6DJ	NO STANDARD					
			FLUORENE		1.7DJ	100					
PHENANTHRENE	16D	NO STANDARD									
ANTHRACENE	3.6D	100									
DI-N-BUTYLPHTHALATE	1.1DJ	100									
FLUORANTHENE	19D	100									
PYRENE	17D	100									
BENZO[A]ANTHRACENE	10D	0.9	X								
BIS(2-ETHYLHEXYL)PHTHALAT	0.23DJ	49									
CHRYSENE	10D	9	X								
BENZO[B]FLUORANTHENE	9.6D	0.9									
BENZO[K]FLUORANTHENE	8.4D	0.9	X								
BENZO[A]PYRENE	7.9D	0.66	X								
INDENO[1,2,3-CD]PYRENE	1DJ	0.9	X								
DIBENZ[A,H]ANTHRACENE	2.5D	0.66	X								
BENZO[G,H,I]PERYLENE	4.3D	NO STANDARD									
PESTICIDES / PCB's											
NONE DETECTED											

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D2 / E3579	0-6" 24" (VOLATILES ONLY)		TPHC	437	10,000	
					pH: 8.50 (SU)			
					METALS			
					ANTIMONY	2.66	14	
					ARSENIC	6.43	20	
					CADMIUM	106	1	X
					CHROMIUM	21.1	NO STANDARD	
					COPPER	58.8	600	
					LEAD	636	400	X
					MERCURY	7.66	15	
					NICKEL	40.6	250	
					ZINC	373	1500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	0.049	1	
					1,1,1-TRICHLOROETHANE	0.004J	50	
					TRICHLOROETHENE	0.003	1	
					TOLUENE	0.003J	500	
					TETRACHLOROETHENE	0.002J	1	
					TOTAL XYLENES	0.001J	10	
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	0.360DJ	100	
					ACENAPHTHYLENE	1.1DJ	NO STANDARD	
					ACENAPHTHENE	1.8DJ	100	
					DIBENZOFURAN	0.79DJ	NO STANDARD	
					FLUORENE	1.7DJ	100	
					PHENANTHRENE	19D	NO STANDARD	
					ANTHRACENE	7.2D	100	
DI-N-BUTYLPHTHALATE	2.7DJ	100						
FLUORANTHENE	38D	100						
PYRENE	34D	100						
BENZO[A]ANTHRACENE	21D	0.9	X					
BIS(2-ETHYLHEXYL)PHTHALAT	0.49DJ	49						
CHRYSENE	21D	9	X					
BENZO[B]FLUORANTHENE	19D	0.9						
BENZO[K]FLUORANTHENE	11D	0.9	X					
BENZO[A]PYRENE	16D	0.66	X					
INDENO[1,2,3-CD]PYRENE	7.5D	0.9	X					
DIBENZ[A,H]ANTHRACENE	4.3D	0.66	X					
BENZO[G,H,I]PERYLENE	7D	NO STANDARD						
PESTICIDES / PCB's								
HEPTACHLOR	52J	0.15	X					

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D3 / E3702	0-6" 24" (VOLATILES ONLY)		TPHC	330	10,000	
					pH: 8.42 (SU)			
					METALS			
					ANTIMONY	2.33	14	
					ARSENIC	5.7	20	
					CHROMIUM	14.7	NO STANDARD	
					COPPER	41.8	600	
					LEAD	500	400	X
					MERCURY	6.11	14	
					NICKEL	19.6	250	
					SILVER	1.62	110	
					ZINC	387	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	5.2DJ	NO STANDARD	
					ANTHRACENE	1.3DJ	100	
					DI-N-BUTYLPHTHALATE	1.3DJ	100	
					FLUORANTHENE	9.5D	100	
					PYRENE	8.8DJ	100	
					BENZO[A]ANTHRACENE	5DJ	0.9	X
					CHRYSENE	5.8DJ	9	
					BENZO[B]FLUORANTHENE	5DJ	0.9	
					BENZO[K]FLUORANTHENE	3.7DJ	0.9	X
					BENZO[A]PYRENE	4.5DJ	0.66	X
					INDENO[1,2,3-CD]PYRENE	2.1DJ	0.9	X
					DIBENZ[A,H]ANTHRACENE	1.3DJ	0.66	X
					BENZO[G,H,I]PERYLENE	2.2DJ	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

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J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D4 / E3580	0-6" 24" (VOLATILES ONLY)		pH: 8.19 (SU)			
					METALS			
					ARSENIC	1.01	20	
					CHROMIUM	12	NO STANDARD	
					COPPER	5.07	600	
					LEAD	20.7	400	
					ZINC	22.1	1500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	0.059	1	
					1,1,1-TRICHLOROETHANE	0.004J	50	
					TRICHLOROETHENE	0.003J	1	
					TOLUENE	0.004J	500	
					TOTAL XYLENES	0.003J	10	
					NAPHTHALENE	0.071	250	
					SEMIVOLATILE ORGANICS			
					ACENAPHTHYLENE	0.11J	NO STANDARD	
					ACENAPHTHENE	0.068J	100	
					DIBENZOFURAN	0.036J	NO STANDARD	
					FLUORENE	0.099J	100	
					PHENANTHRENE	0.83	NO STANDARD	
					ANTHRACENE	0.27J	100	
					FLUORANTHENE	1.3	100	
					PYRENE	1.4	100	
					BENZO[A]ANTHRACENE	0.71	0.9	
					BIS(2-ETHYLHEXYL)PHTHALAT	0.1J	49	
					CHRYSENE	0.71	9	
					BENZO[B]FLUORANTHENE	0.46	0.9	
					BENZO[K]FLUORANTHENE	0.42	0.9	
					BENZO[A]PYRENE	0.49	0.66	
					DIBENZ[A,H]ANTHRACENE	0.16J	0.66	
					BENZO[G,H,I]PERYLENE	0.28J	NO STANDARD	
					PESTICIDES / PCB's			
					HEPTACHLOR	22J	0.15	X

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SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D5 / E3581	0-6"		CYANIDE	0.79	1100	
			24" (VOLATILES ONLY)		TPHC	398	10,000	
					pH: 8.44 (SU)			
					METALS			
					ANTIMONY	2.02	14	
					ARSENIC	7.24	20	
					CADMIUM	1.72	1	X
					CHROMIUM	17.1	NO STANDARD	
					COPPER	33.2	600	
					LEAD	211	400	
					MERCURY	0.79	14	
					NICKEL	132	250	
					SELENIUM	1.35	63	
					ZINC	310	1500	
					VOLATILE ORGANICS			
					METHYLENE CHLORIDE	0.022	1	
					1,1,1-TRICHLOROETHANE	0.002J	50	
					TRICHLOROETHENE	0.001J	1	
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	0.61J	100	
					2-METHYLNAPHTHALENE	0.36J	NO STANDARD	
					ACENAPHTHYLENE	1J	NO STANDARD	
					ACENAPHTHENE	1.7	100	
					DIBENZOFURAN	0.99J	NO STANDARD	
					FLUORENE	1.8J	100	
					PHENANTHRENE	15	NO STANDARD	
					ANTHRACENE	4.6	100	
					DI-N-BUTYLPHTHALATE	1.6J	100	
					FLUORANTHENE	21	100	
					PYRENE	26	100	
					BENZO[A]ANTHRACENE	13	0.9	X
					BIS(2-ETHYLHEXYL)PHTHALAT	0.6J	49	
					CHRYSENE	13	9	X
					BENZO[B]FLUORANTHENE	11	0.9	
					BENZO[K]FLUORANTHENE	9.4	0.9	X
					BENZO[A]PYRENE	12	0.66	X
					INDENO[1,2,3-CD]PYRENE	7.4	0.9	X
					DIBENZ[A,H]ANTHRACENE	1.9	0.66	X
					BENZO[G,H,I]PERYLENE	8.1	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS

AABCO STEEL DRUM, INC.

CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D6 / E3704	0-6" 24" (VOLATILES ONLY)		TPHC	726	10,000	
					pH: 8.58 (SU)			
					METALS			
					ANTIMONY	1.57	14	
					ARSENIC	7.69	20	
					CADMIUM	3	1	X
					CHROMIUM	649	NO STANDARD	
					COPPER	67.9	600	
					LEAD	812	400	X
					MERCURY	1.91	14	
					NICKEL	12.9	250	
					ZINC	502	1500	
					VOLATILE ORGANICS			
					TOTAL XYLENES	0.5DJ	10	
					1,2-DICHLOROGENZENE	0.16DJ	50	
					NAPHTHALENE	2.6D	100	
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	1.6DJ	100	
					2-METHYLNAPHTHALENE	0.62DJ	NO STANDARD	
					ACENAPHTHYLENE	0.45DJ	NO STANDARD	
					ACENAPHTHENE	1.6DJ	100	
					DIBENZOFURAN	1.6DJ	NO STANDARD	
					FLUORENE	1.7DJ	100	
					PHENANTHRENE	16D	NO STANDARD	
					ANTHRACENE	3.6D	100	
					DI-N-BUTYLPHTHALATE	1.1DJ	100	
					FLUORANTHENE	19D	100	
					PYRENE	17D	100	
					BENZO[A]ANTHRACENE	10D	0.9	X
					BIS(2-ETHYLHEXYL)PHTHALAT	0.23DJ	49	
					CHRYSENE	10D	9	X
					BENZO[B]FLUORANTHENE	9.6D	0.9	
					BENZO[K]FLUORANTHENE	8.4D	0.9	X
					BENZO[A]PYRENE	7.9D	0.66	X
					INDENO[1,2,3-CD]PYRENE	1DJ	0.9	X
					DIBENZ[A,H]ANTHRACENE	2.5D	0.66	X
					BENZO[G,H,I]PERYLENE	4.3D	NO STANDARD	
					PESTICIDES / PCB's			
					NONE DETECTED			

D-INDICATES RESULT IS CALCULATED FROM DILUTION
 J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D7 / E3623	0-6" 24" (VOLATILES ONLY)					
					pH: 8.83 (SU)			
					METALS			
					ANTIMONY	6.96	14	
					ARSENIC	2.49	20	
					CADMIUM	2.3	1	X
					CHROMIUM	10.3	NO STANDARD	
					COPPER	121	600	
					LEAD	911	400	X
					MERCURY	2.5	14	
					NICKEL	9.84	250	
					ZINC	180	1500	
					VOLATILE ORGANICS			
					NAPHTHALENE	0.001J	100	
					SEMIVOLATILE ORGANICS			
					PHENANTHRENE	0.22J	NO STANDARD	
					ANTHRACENE	0.042J	100	
					FLUORANTHENE	0.29J	100	
					PYRENE	0.24J	100	
					BENZO[A]ANTHRACENE	0.14J	0.9	
					CHRYSENE	0.16J	9	
					BENZO[B]FLUORANTHENE	0.15J	0.9	
					BENZO[K]FLUORANTHENE	0.12J	0.9	
					BENZO[A]PYRENE	0.11J	0.66	
					INDENO[1,2,3-CD]PYRENE	0.076J	0.9	
					DIBENZ[A,H]ANTHRACENE	0.043J	0.66	
					BENZO[G,H,I]PERYLENE	0.078J	NO STANDARD	
					PESTICIDES / PCB's			
					HEPTACHLOR	0.024J	0.15	

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CANDEN COUNTY, NJ

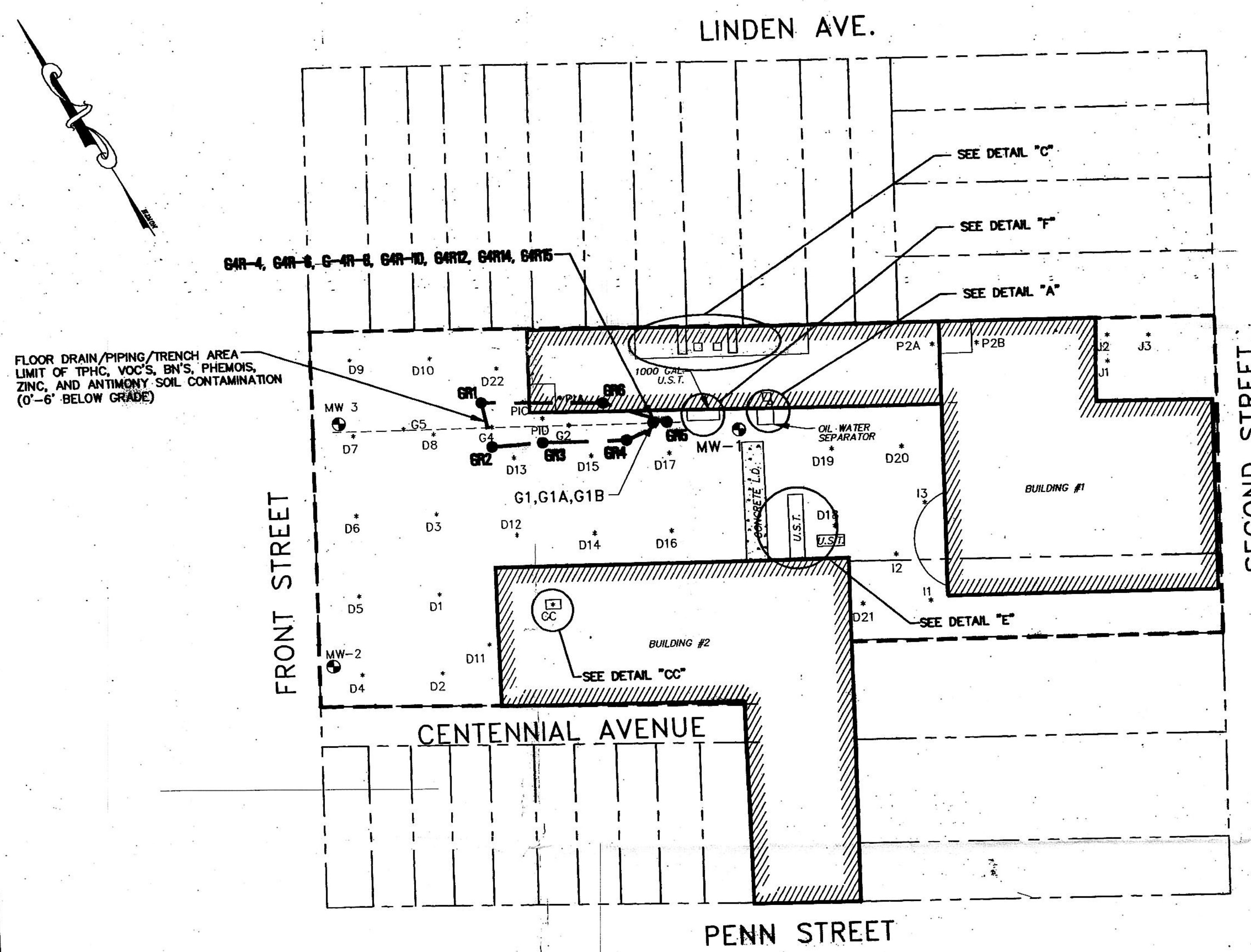
AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D8 / E3622	0-6" 24" (VOLATILES ONLY)		CYANIDE	0.84	1100	
					TPHC	248	10,000	
					pH: 7.79 (SU)			
					METALS			
					ANTIMONY	293	14	X
					ARSENIC	27.8	20	X
					CADMIUM	6.22	1	X
					CHROMIUM	73.6	NO STANDARD	
					COPPER	116	600	
					LEAD	7840	400	X
					MERCURY	947	14	X
					NICKEL	8.3	250	
					SELENIUM	0.53	63	
					ZINC	237	1500	
					VOLATILE ORGANICS			
					NONE DETECTED			
					SEMIVOLATILE ORGANICS			
					NAPHTHALENE	0.22J	100	
					2-METHYLNAPHTHALENE	0.13J	NO STANDARD	
					ACENAPHTHYLENE	0.045J	NO STANDARD	
					ACENAPHTHENE	0.36	100	
					DIBENZOFURAN	0.23J	NO STANDARD	
					FLUORENE	0.37	100	
					PHENANTHRENE	2.4	NO STANDARD	
					ANTHRACENE	0.6	100	
					FLUORANTHENE	2.4	100	
					PYRENE	2.1	100	
					BENZO[A]ANTHRACENE	1.3	0.9	X
					BIS(2-ETHYLHEXYL)PHTHALATE	0.39	49	
					CHRYSENE	1.3	9	
BENZO[B]FLUORANTHENE	1.3	0.9	X					
BENZO[K]FLUORANTHENE	1	0.9	X					
BENZO[A]PYRENE	0.94	0.66	X					
INDENO[1,2,3-CD]PYRENE	0.57	0.9						
DIBENZ[A,H]ANTHRACENE	0.33J	0.66						
BENZO[G,H,I]PERYLENE	0.59	NO STANDARD						
PESTICIDES / PCB's								
HEPTACHLOR	0.022J	0.15						

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

SAMPLING SUMMARY AND ANALYTICAL RESULTS
AABCO STEEL DRUM, INC.
CITY OF CAMDEN, CAMDEN COUNTY, NJ

AREA OF CONCERN	PARAMETERS ANALYZED	R&V SAMPLE ID/ LAB SAMPLE ID	SAMPLE DEPTH	PID READINGS	PARAMETERS DETECTED	CONCENTRATION (PPM)	NJDEP LIMITS (PPM)	EXCEEDS LIMITS
AOC E, YARD AREA	PP+40, TPHC, pH	D9 / E3625	0-6" 24" (VOLATILES ONLY)		CYANIDE	0.55	1100	
					PHENOL	2.8J	50	
					TPHC	321	10,000	
					pH: 8.25 (SU)			
					METALS			
					ANTIMONY	1.14	14	
					ARSENIC	4.88	20	
					CADMIUM	2.51	1	X
					CHROMIUM	238	NO STANDARD	
					COPPER	99.1	600	
					LEAD	452	400	X
					MERCURY	1.61	14	
					NICKEL	22.5	250	
					ZINC	475	1500	
					VOLATILE ORGANICS			
					NAPHTHLENE	0.003J	100	
					SEMIVOLATILE ORGANICS			
					PHENOL	2.8J	50	
					NAPHTHALENE	2.4DJ	100	
					2-METHYLNAPHTHALENE	1.2DJ	NO STANDARD	
					ACENAPHTHYLENE	1.3DJ	NO STANDARD	
					ACENAPHTHENE	3.3DJ	100	
					DIBENZOFURAN	2DJ	NO STANDARD	
					FLUORENE	3.6D	100	
					PHENANTHRENE	24D	NO STANDARD	
					ANTHRACENE	6.4	100	
					DI-N-BUTYLPHTHALATE	4.2D	100	
					FLUORANTHENE	24D	100	
					PYRENE	27D	100	
					BENZO[A]ANTHRACENE	13D	0.9	X
					BIS(2-ETHYLHEXYL)PHTHALATE	0.52DJ	49	
					CHRYSENE	13D	9	X
					BENZO[B]FLUORANTHENE	12D	0.9	X
					BENZO[K]FLUORANTHENE	8.6D	0.9	X
					BENZO[A]PYRENE	11D	0.66	X
					INDENO[1,2,3-CD]PYRENE	4.4D	0.9	X
					DIBENZ[A,H]ANTHRACENE	2.8D	0.66	X
					BENZO[G,H,I]PERYLENE	4.6D	NO STANDARD	
					PESTICIDES / PCB's			
					HEPTACHLOR	0.056J	0.15	

D-INDICATES RESULT IS CALCULATED FROM DILUTION
J-INDICATES COMPOUND IS DETECTED BELOW THE MDL

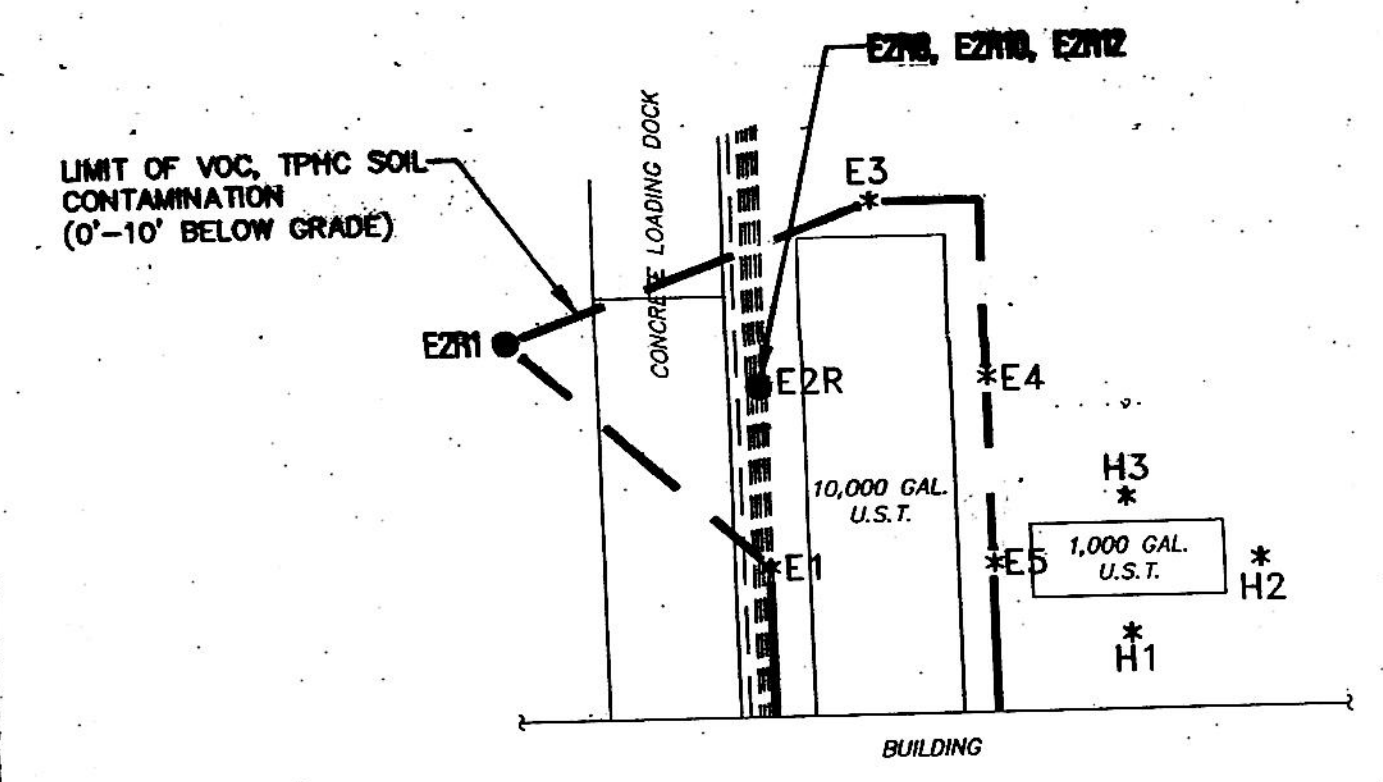


SITE PLAN
SCALE: 1"=30'

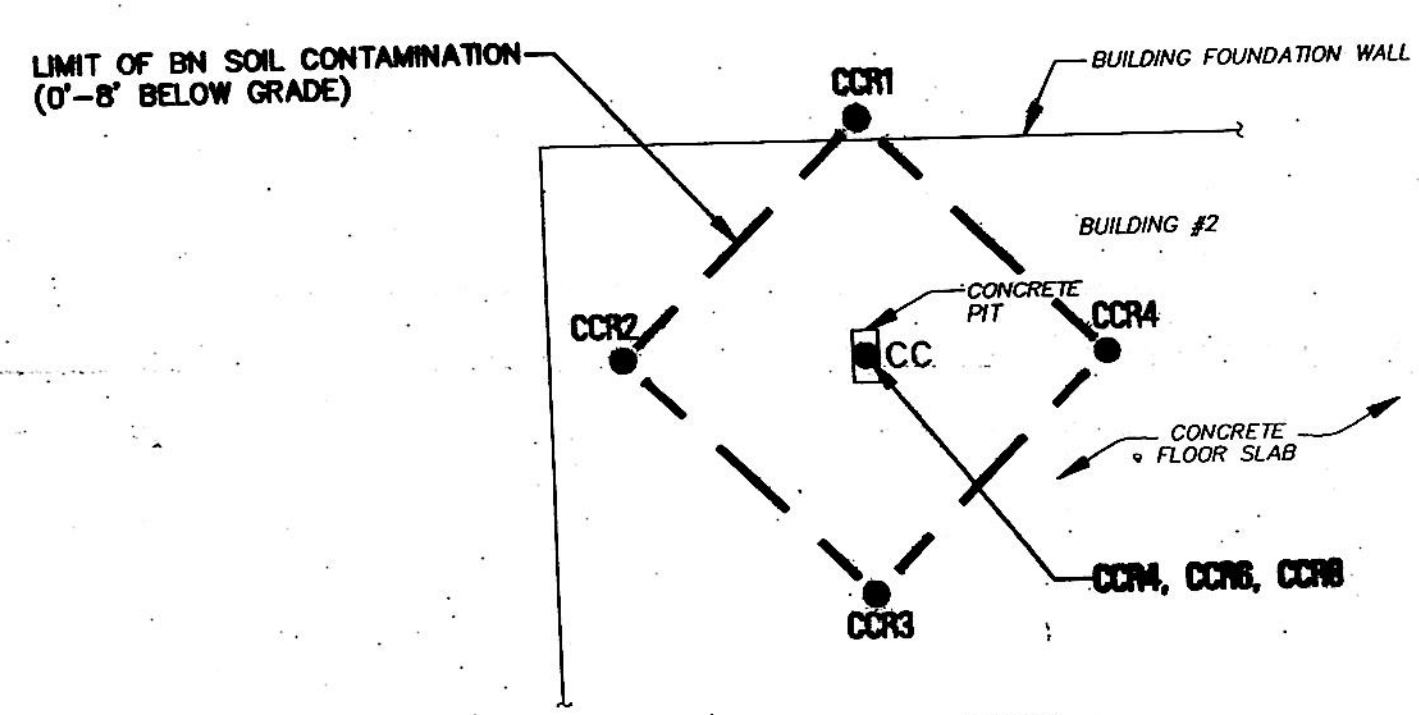
- LEGEND**
- P2A * SITE INVESTIGATION SAMPLE LOCATION
 - PIPING
 - MW-1 ● MONITORING WELL
 - REMEDIAL INVESTIGATION SAMPLE LOCATION
 - APPROXIMATE LIMIT OF SOIL CONTAMINATION
 - LIMITS OF PROPERTY

NOTES:

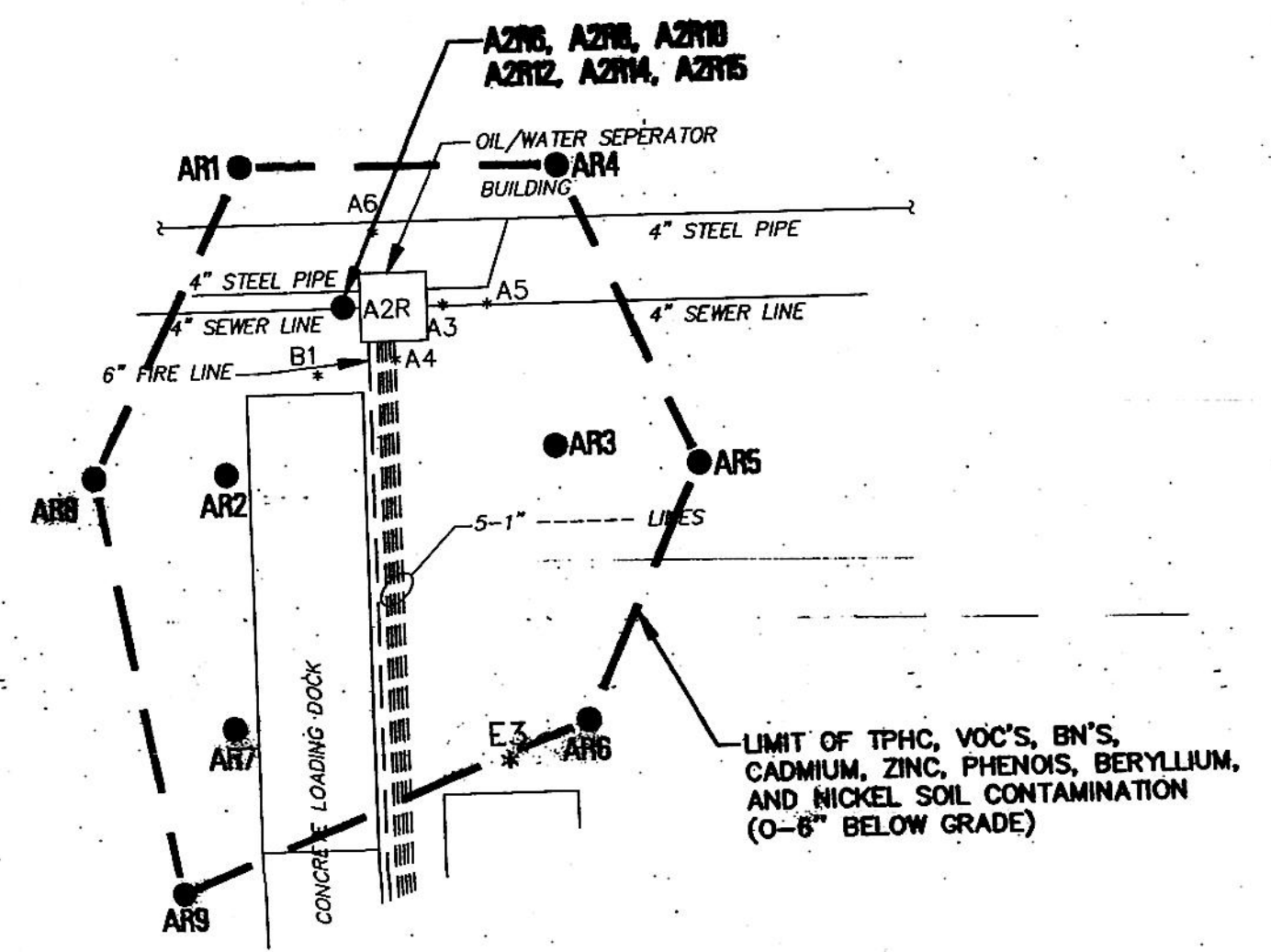
1. THIS PLAN IS BASED ON A 1994 SANBORN MAP.
2. PLAN IS FOR REMEDIAL INVESTIGATION PURPOSES ONLY.



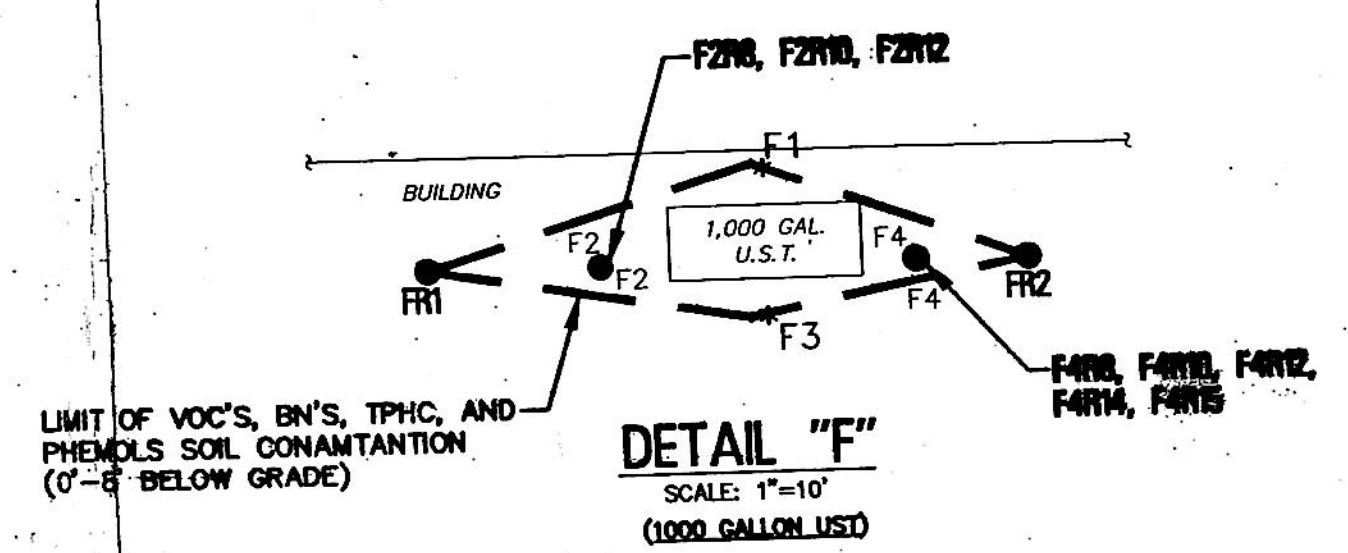
DETAIL "E"
SCALE: 1"=10'
(10,000 GALLON UST)



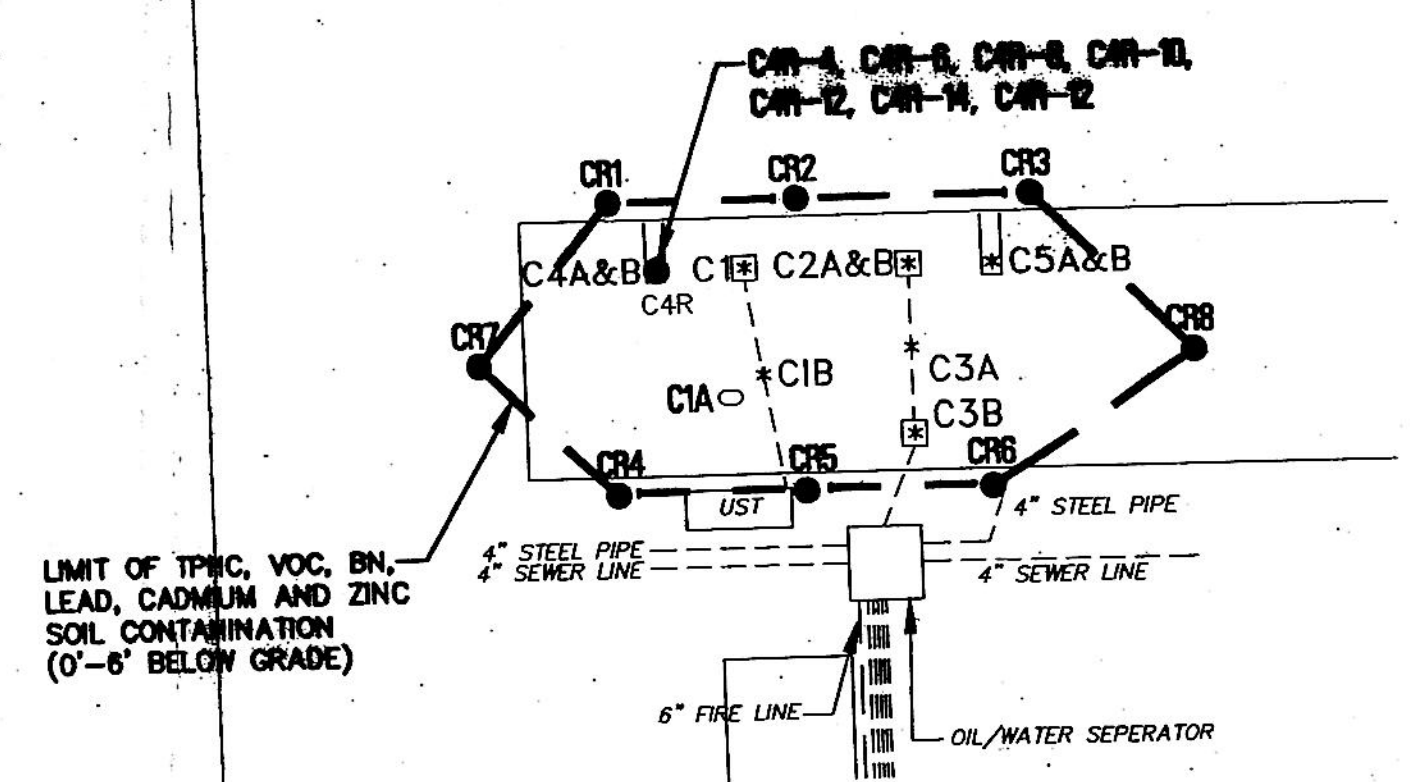
DETAIL "CC"
SCALE: 1"=10'
(CONCRETE PIT BUILDING #2)



DETAIL "A"
SCALE: 1"=10'
(OIL WATER SEPARATOR)



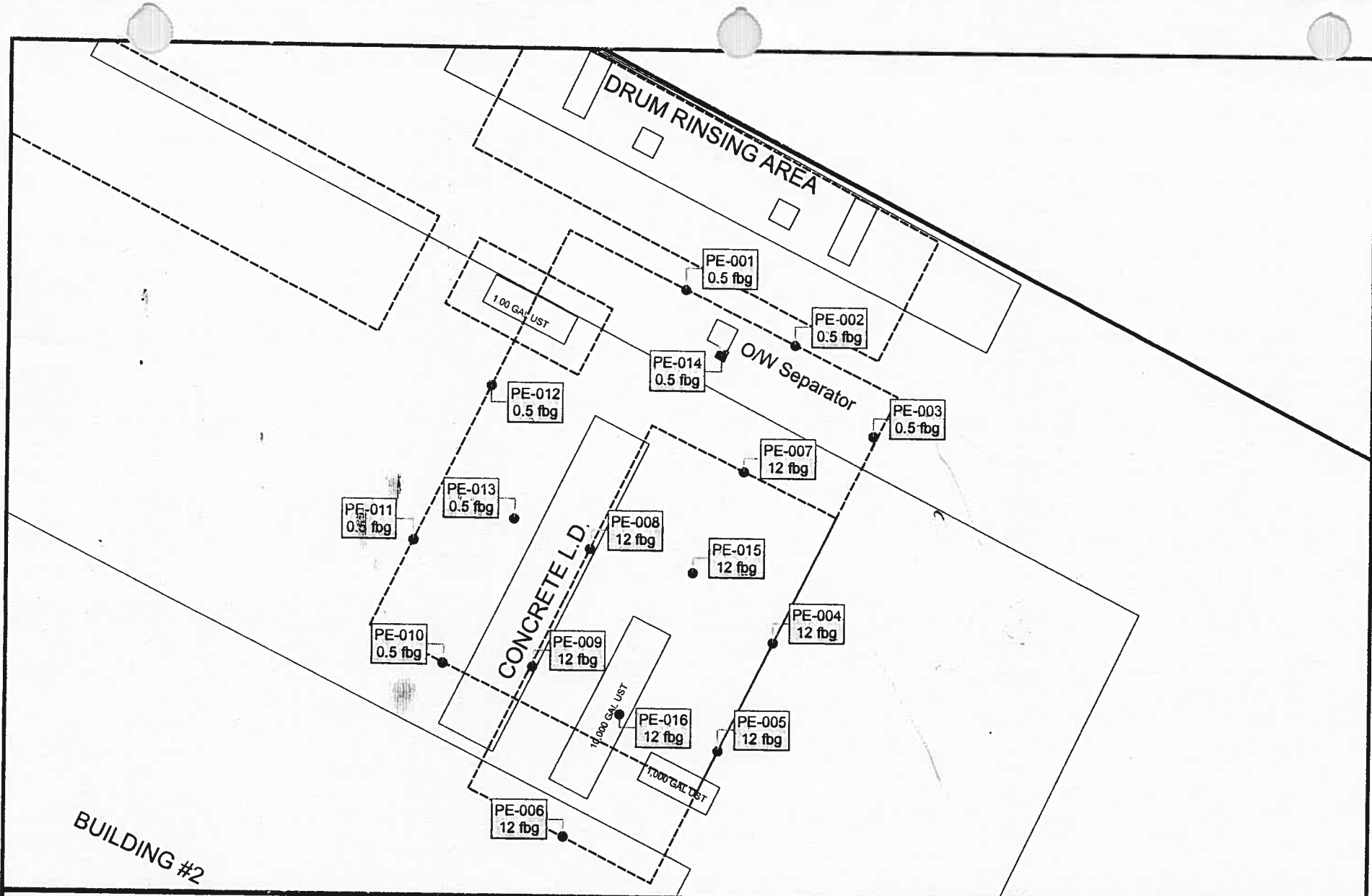
DETAIL "F"
SCALE: 1"=10'
(1,000 GALLON UST)



DETAIL "C"
SCALE: 1"=10'
(DRUM RAISING AREA)

NO.	REVISION	DATE	BY	CHK. BY
SOIL SAMPLE LOCATION PLAN				
REMEDIAL INVESTIGATION				
AABCO STEEL DRUM INC.				
CITY OF CAMDEN, CAMDEN COUNTY, NEW JERSEY				
 EDWARD VERNICK PROFESSIONAL ENGINEER, L.C. NO. 25891		 TERENCE M. VOGT PROFESSIONAL ENGINEER, L.C. NO. 33773		
DATE: 9-23-02		DATE: 9-23-02		
REMINGTON & VERNICK ENGINEERS				
232 KING'S HIGHWAY EAST HADDONFIELD, N.J. 08033				
(856) 795-9595, FAX (856) 795-1882, WEB SITE ADDRESS: WWW.RVE.COM				
SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY
NOTED	02/2001	D.D.	M.M.	T.V.
DWG. NO.	0408V123	DWG. NO.	0408V123	SHEET NO.
1	1	1	1	2
DWG FILE PATH/NAME				
P:\DRAFTING\CAMDEN-CITY\0408V123\S-0408V123-02.dwg				

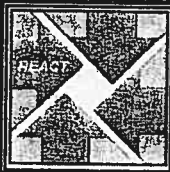
APPENDIX E
Post-Excavation Sampling Locations and Results
(REPSG, May 2006)



AOC-001: 10,000-Gallon UST and AOC-004: O/W Separator – Samples PE-001 to PE-016

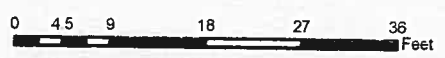
Site Boundary
 Limits of Excavation
 ● Soil Sample Location

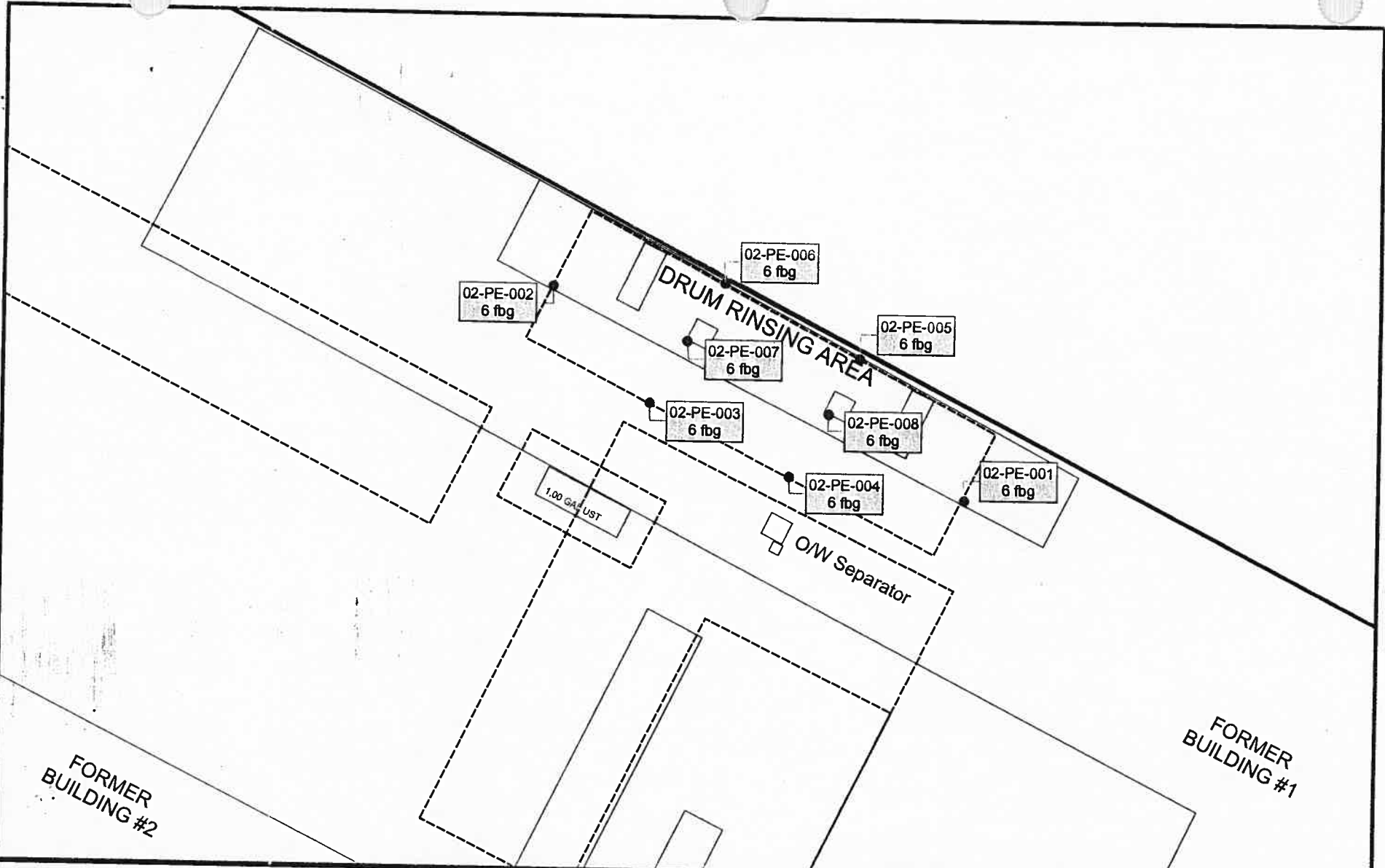
PE-006
12 fbg Sample
 Sample Depth
 fbg = feet below grade



PROJECT NAME: COOPER GRANT PROJECT
PROJECT ADDRESS: FRONT STREET, CAMDEN, NJ
PROJECT NUMBER: 7254-002
DATE: MAY 2006

MAP SCALE: 1 inch equals 17.5 feet





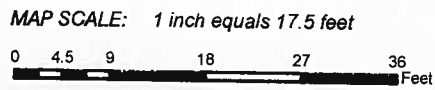
AOC-002: Drum Storage Area - Samples 02-PE-001 to 02-PE-008

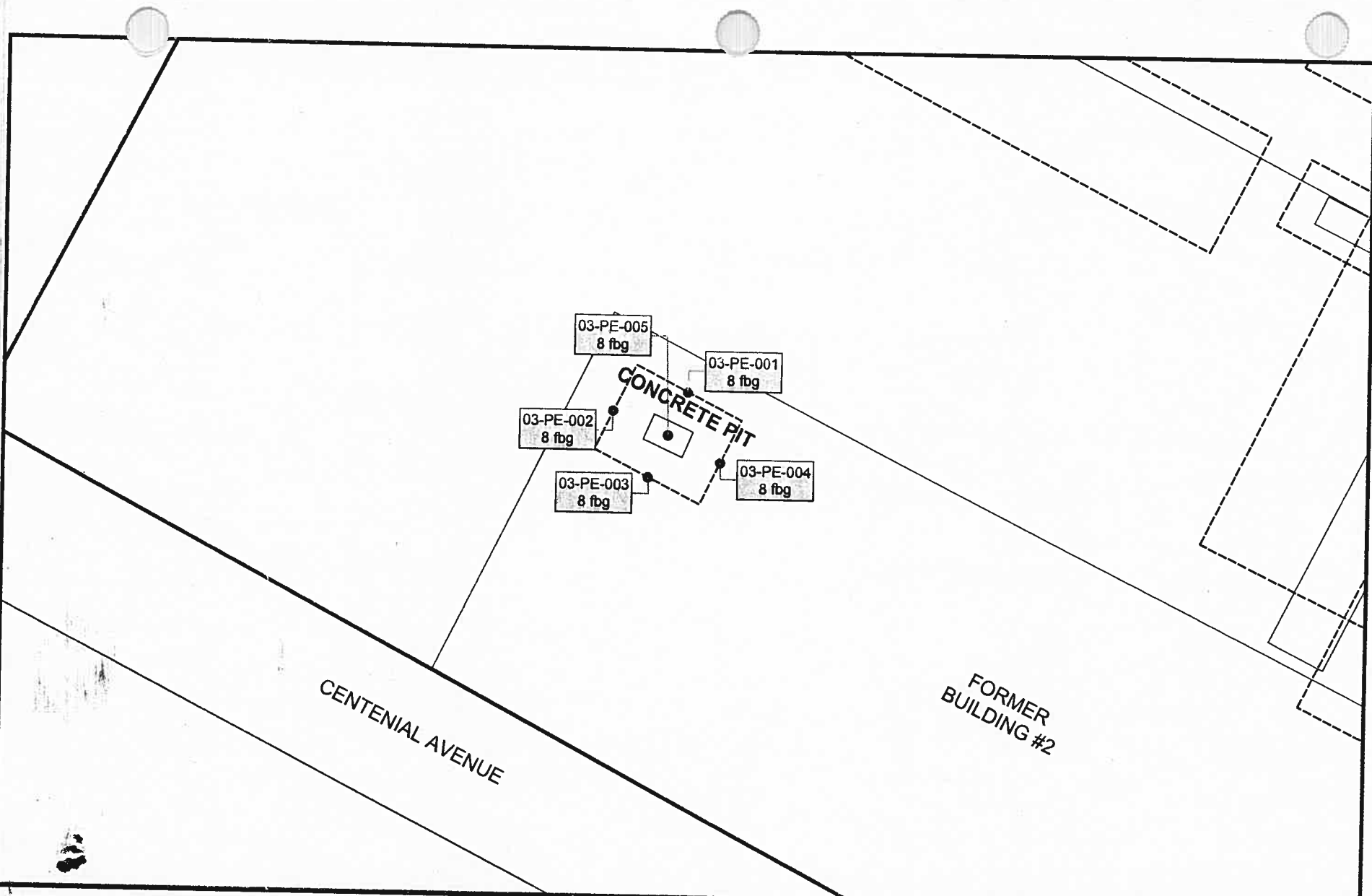
Site Boundary
 Limits of Excavation
 • Soil Sample Location

PE-006
12 fbg Sample
 Sample Depth
 fbg = feet below grade



PROJECT NAME:	COOPER GRANT PROJECT
PROJECT ADDRESS:	FRONT STREET, CAMDEN, NJ
PROJECT NUMBER:	7254-002
DATE:	MAY 2006

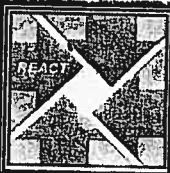




AOC-003: Concrete Pit - Samples 03-PE-001 to 03-PE-005

Site Boundary
 Limits of Excavation
 ● Soil Sample Location

PE-006 Sample
 12 fbg Sample Depth
 fbg = feet below grade

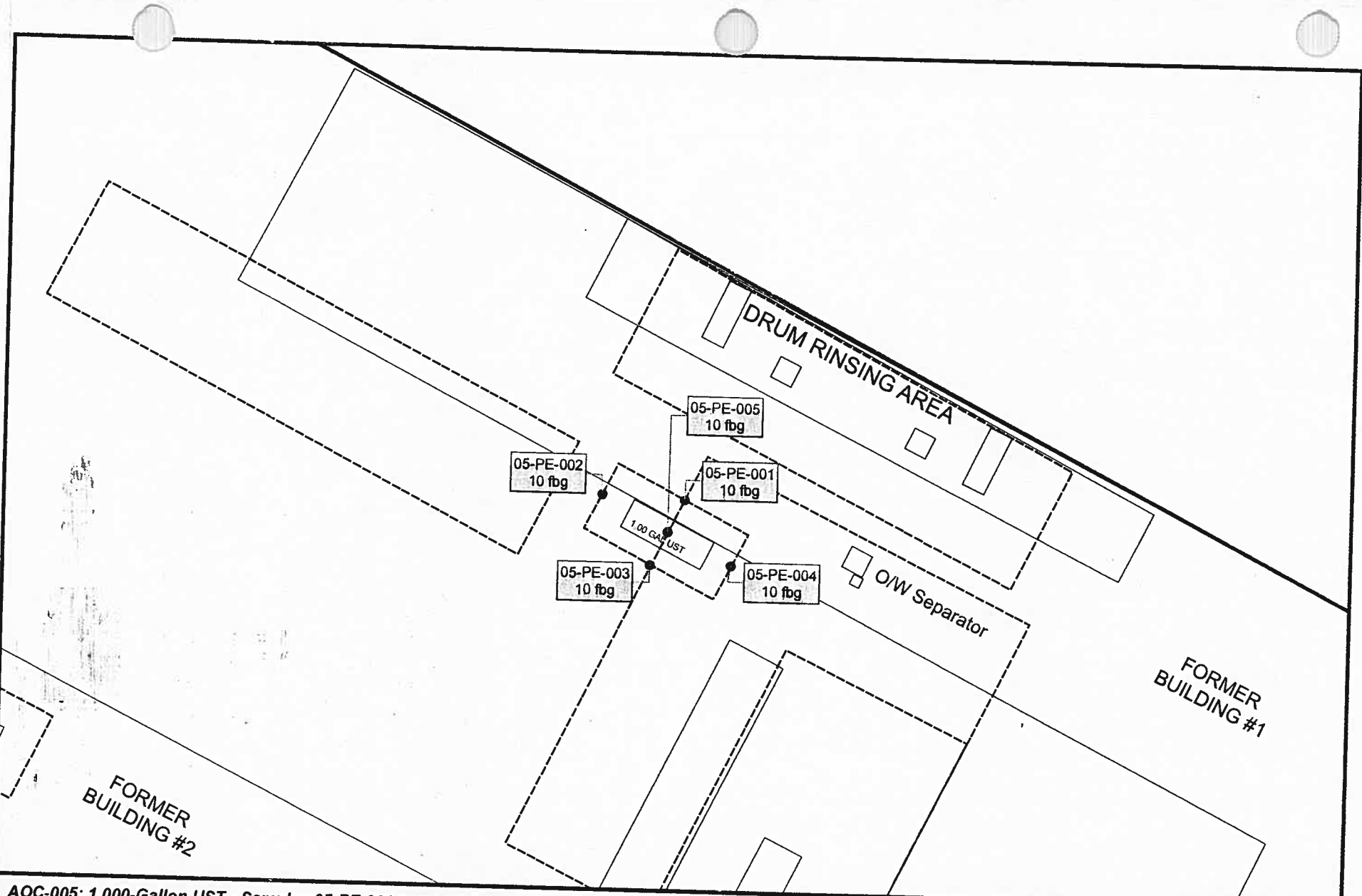


PROJECT NAME:	COOPER GRANT PROJECT
PROJECT ADDRESS:	FRONT STREET, CAMDEN, NJ
PROJECT NUMBER:	7254-002
DATE:	MAY 2006

MAP SCALE: 1 inch equals 17.5 feet

0 4.5 9 18 27 36 Feet





AOC-005: 1,000-Gallon UST - Samples 05-PE-001 to 05-PE-005

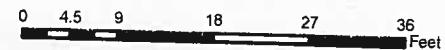
Site Boundary
 Limits of Excavation
 ● Soil Sample Location

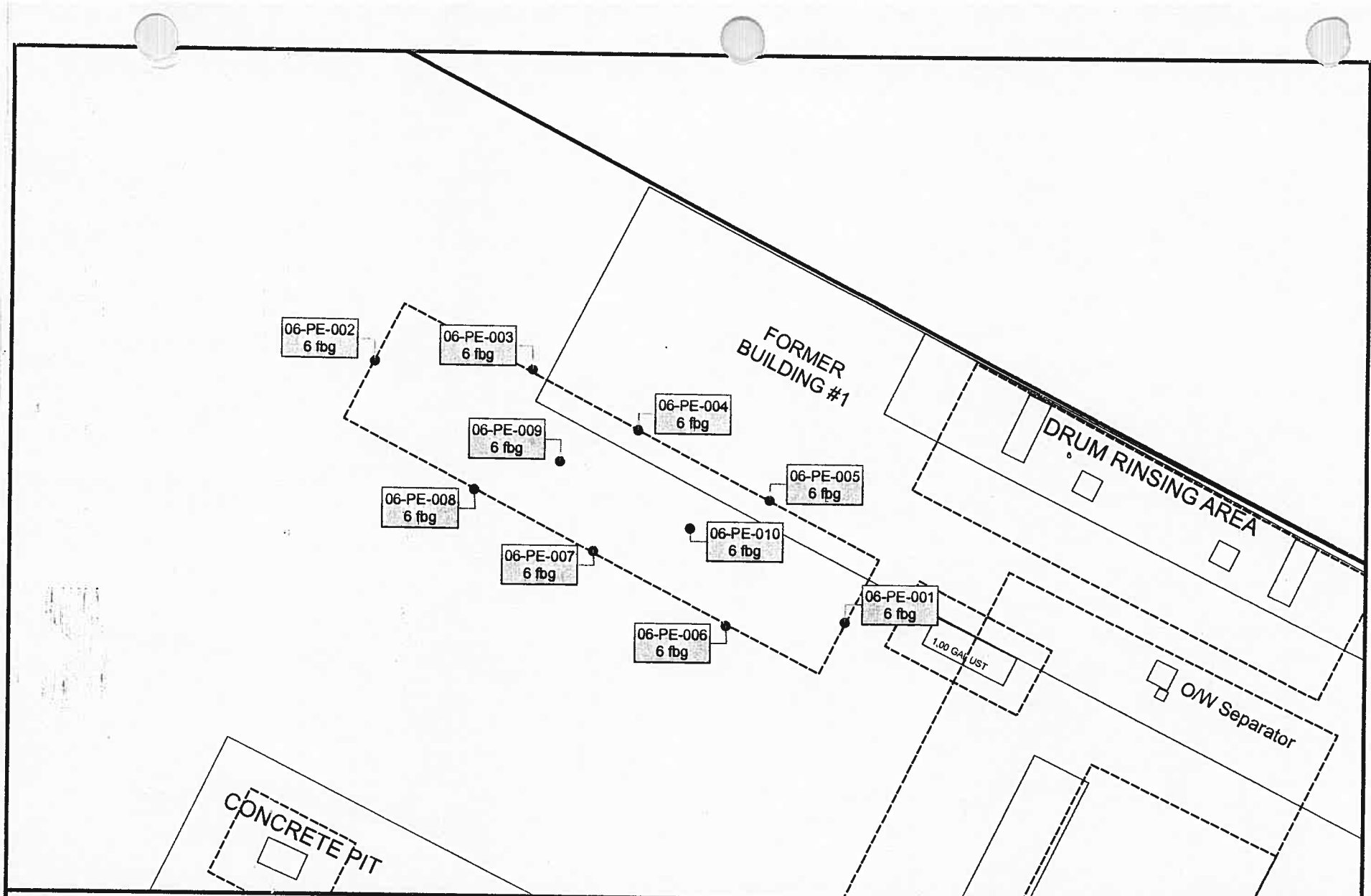
PE-006 Sample
 12 fbg Sample Depth
 fbg = feet below grade



PROJECT NAME:	COOPER GRANT PROJECT
PROJECT ADDRESS:	FRONT STREET, CAMDEN, NJ
PROJECT NUMBER:	7254-002
DATE:	MAY 2006

MAP SCALE: 1 inch equals 17.5 feet





AOC-006: Trench Area – Samples 06-PE-001 to 06-PE-010

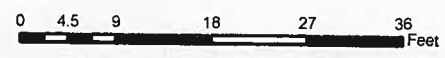
Site Boundary
 Limits of Excavation
 ● Soil Sample Location

PE-006
12 fbg Sample
 Sample Depth
 fbg = feet below grade



PROJECT NAME:	COOPER GRANT PROJECT
PROJECT ADDRESS:	FRONT STREET, CAMDEN, NJ
PROJECT NUMBER:	7254-002
DATE:	MAY 2006

MAP SCALE: 1 inch equals 17.5 feet





React Environmental Professional Services Group, Inc.

6901 Kingsessing Avenue, P.O. Box 5377, Philadelphia, PA 19142 * 654A Mount Road, Aston, PA 19014

ANALYTICAL CHEMISTRY REPORT

COOPER GRANT PROJECT
FRONT STREET, CAMDEN, NJ

SAMPLING PERIOD: 3/31/2006

MATRIX: SOIL

REPSG PROJECT No. 7254-002

METHODS:

EPA Method 418.1 - Total Petroleum Hydrocarbons (TPH)

EPA Method 6010B - Metals and Trace Elements by ICP/Atomic Emission Spectrometry

EPA Method 8260B - Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

EPA Method 8270D - Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

APPLICABLE REGULATORY REPORTING STANDARD:

PADEP Statewide Health Standards (SWHS): 25 PA Code Chapter 250 Tables 3A, 3B, 4A, 4B- Organic and Inorganic Constituents in Soil, Most Stringent Criteria of the Non-Residential Soil to Groundwater (Unsaturated Conditions) and Direct Contact (Subsurface Soil, 2-15 Feet) Pathways: Use Aquifer, Low Dissolved Solids (<2500).

EPA Method 418.1

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-004:12	PE-005:12	PE-006:12	PE-007:12	PE-008:12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	12.00	12.00	12.00	12.00	12.00
TPH	418.1	(mg/kg)			<50U	<50U	55	<50U	300

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-009:12	PE-015:12	PE-016:12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	12.00	12.00	12.00
TPH	418.1	(mg/kg)			---	---	2000D

Exceedences of the Regulatory Standard are Primed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y- Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		PE-004:12	PE-005:12	PE-006:12	PE-007:12	PE-008:12
				SAMPLE DATE:		03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		12.00	12.00	12.00	12.00	12.00
Total Solids	5035.75	(%)				96.4	83.7	91.4	93.4	93.2

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		PE-009:12	PE-015:12	PE-016:12
				SAMPLE DATE:		03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		12.00	12.00	12.00
Total Solids	5035.75	(%)				93.7	91.7	91

EPA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		PE-004:12	PE-005:12	PE-006:12	PE-007:12	PE-008:12
				SAMPLE DATE:		03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		12.00	12.00	12.00	12.00	12.00
Antimony	6010B	(mg/kg)	27			<5U	<5U	<5U	<5U	<5U
Beryllium	6010B	(mg/kg)	320			<0.2U	0.23	0.35	0.29	0.37
Cadmium	6010B	(mg/kg)	38			<1U	<1U	<1U	<1U	<1U
Lead	6010B	(mg/kg)	450			<5U	<5U	20	6.4	67
Nickel	6010B	(mg/kg)	650			3.4	8.8	8.3	6.5	8.2
Zinc	6010B	(mg/kg)	12000			12	36	51	30	86

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		PE-009:12	PE-015:12	PE-016:12
				SAMPLE DATE:		03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		12.00	12.00	12.00

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		
				PE-009:12	PE-015:12	PE-016:12
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		
				12.00	12.00	12.00
Antimony	6010B	(mg/kg)	27	<5U	<5U	<5U
Beryllium	6010B	(mg/kg)	320	<0.2U	0.26	0.27
Cadmium	6010B	(mg/kg)	38	<1U	<1U	<1U
Lead	6010B	(mg/kg)	450	<5U	8	21
Nickel	6010B	(mg/kg)	650	6.5	12	8.9
Zinc	6010B	(mg/kg)	12000	20	50	39

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:					
				PE-004:12	PE-005:12	PE-006:12	PE-007:12	PE-008:12	
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006	
				SAMPLE DEPTH (ft):					
				12.00	12.00	12.00	12.00	12.00	
1,1,1-trichloroethane	8260B	(ug/kg)	20000	<210UD	<190UD	<180UD	<170UD	<190UD	
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	30	<210UD#	<190UD#	<180UD#	<170UD#	<190UD#	
1,1,2-Trichloroethane	8260B	(ug/kg)	500	<210UD	<190UD	<180UD	<170UD	<190UD	
1,1-Dichloroethane	8260B	(ug/kg)	11000	<210UD	<190UD	<180UD	<170UD	<190UD	
1,1-Dichloroethylene	8260B	(ug/kg)	700	<210UD	<190UD	<180UD	<170UD	<190UD	
1,2-Dichloroethane	8260B	(ug/kg)	500	<210UD	<190UD	<180UD	<170UD	<190UD	
1,2-Dichloropropane	8260B	(ug/kg)	500	<210UD	<190UD	<180UD	<170UD	<190UD	
2-Hexanone	8260B	(ug/kg)	670000	<1100UD	<970UD	<890UD	<870UD	<960UD	
Acetone	8260B	(ug/kg)	1000000	<11000UD	<9700UD	<8900UD	<8700UD	<9600UD	
Benzene	8260B	(ug/kg)	500	<110UD	<97UD	<89UD	<87UD	<96UD	

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). I = Estimated Value. E = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				SAMPLE DATE:				
				PE-004.12	PE-005.12	PE-006.12	PE-007.12	PE-008.12
				03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				12.00	12.00	12.00	12.00	12.00
Bromodichloromethane	8260B	(ug/kg)	10000	<110UD	<97UD	<89UD	<87UD	<96UD
Bromoform	8260B	(ug/kg)	10000	<210UD	<190UD	<180UD	<170UD	<190UD
Carbon disulfide	8260B	(ug/kg)	410000	<1600UD	<1400UD	<1300UD	<1300UD	<1400UD
Carbon tetrachloride	8260B	(ug/kg)	500	<210UD	<190UD	<180UD	<170UD	<190UD
Chlorobenzene	8260B	(ug/kg)	10000	<210UD	<190UD	<180UD	<170UD	<190UD
Chloroethane	8260B	(ug/kg)	90000	<430UD	<390UD	<360UD	<350UD	<380UD
Chloroform	8260B	(ug/kg)	10000	<210UD	<190UD	<180UD	<170UD	<190UD
cis-1,2-Dichloroethylene	8260B	(ug/kg)	7000	<210UD	<190UD	<180UD	<170UD	<190UD
cis-1,3-Dichloropropene	8260B	(ug/kg)		<210UD	<190UD	<180UD	<170UD	<190UD
Dibromochloromethane	8260B	(ug/kg)	10000	<210UD	<190UD	<180UD	<170UD	<190UD
Ethylbenzene	8260B	(ug/kg)	70000	<210UD	<190UD	<180UD	<170UD	<190UD
Methyl bromide	8260B	(ug/kg)	1000	<320UD	<290UD	<270UD	<260UD	<290UD
Methyl chloride	8260B	(ug/kg)	300	<1100UD#	<970UD#	<890UD#	<870UD#	<960UD#
Methyl ethyl ketone	8260B	(ug/kg)	580000	<11000UD	<9700UD	<8900UD	<8700UD	<9600UD
Methyl isobutylketone (MIBK)	8260B	(ug/kg)	41000	<1100UD	<970UD	<890UD	<870UD	<960UD
Methyl tert-butyl ether	8260B	(ug/kg)	2000	<210UD	<190UD	<180UD	<170UD	<190UD
Methylene chloride	8260B	(ug/kg)	500	<3200UD#	<2900UD#	<2700UD#	<2600UD#	<2900UD#
Styrene	8260B	(ug/kg)	24000	<210UD	<190UD	<180UD	<170UD	<190UD
Tetrachloroethylene	8260B	(ug/kg)	500	<110UD	<97UD	<89UD	<87UD	390D
Toluene	8260B	(ug/kg)	100000	<210UD	<190UD	<180UD	<170UD	<190UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	10000	<210UD	<190UD	<180UD	<170UD	<190UD
trans-1,3-Dichloropropene	8260B	(ug/kg)		<210UD	<190UD	<180UD	<170UD	<190UD

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). I = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N = Tentatively Identified Compound (TIC). Y = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-004:12	PE-005:12	PE-006:12	PE-007:12	PE-008:12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	12.00	12.00	12.00	12.00	12.00

Trichloroethylene	8260B	(ug/kg)	500		<110UD	<97UD	<89UD	<87UD	<96UD
Trichlorofluoromethane	8260B	(ug/kg)	200000		<210UD	<190UD	<180UD	<170UD	<190UD
Vinyl chloride	8260B	(ug/kg)	200		<210UD#	<190UD	<180UD	<170UD	<190UD
Xylene (total)	8260B	(ug/kg)	1000000		<640UD	<580UD	<530UD	<520UD	<580UD

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-009:12	PE-015:12	PE-016:12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	12.00	12.00	12.00

1,1,1-trichloroethane	8260B	(ug/kg)	20000		<180UD	<200UD	<170UD
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	30		<180UD#	<200UD#	<170UD#
1,1,2-Trichloroethane	8260B	(ug/kg)	500		<180UD	<200UD	<170UD
1,1-Dichloroethane	8260B	(ug/kg)	11000		<180UD	<200UD	<170UD
1,1-Dichloroethylene	8260B	(ug/kg)	700		<180UD	<200UD	<170UD
1,2-Dichloroethane	8260B	(ug/kg)	500		<180UD	<200UD	<170UD
1,2-Dichloropropane	8260B	(ug/kg)	500		<180UD	<200UD	<170UD
2-Hexanone	8260B	(ug/kg)	670000		<910UD	<1000UD	<860UD
Acetone	8260B	(ug/kg)	1000000		<9100UD	<10000UD	<8600UD
Benzene	8260B	(ug/kg)	500		<91UD	<100UD	<86UD
Bromodichloromethane	8260B	(ug/kg)	10000		<91UD	<100UD	<86UD
Bromoform	8260B	(ug/kg)	10000		<180UD	<200UD	<170UD
Carbon disulfide	8260B	(ug/kg)	410000		<1400UD	<1500UD	<1300UD
Carbon tetrachloride	8260B	(ug/kg)	500		<180UD	<200UD	<170UD

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EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	PE-009.12	PE-015.12	PE-016.12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	12.00	12.00	12.00
Chlorobenzene	8260B	(ug/kg)	10000		<180UD	<200UD	<170UD
Chloroethane	8260B	(ug/kg)	90000		<360UD	<400UD	<340UD
Chloroform	8260B	(ug/kg)	10000		<180UD	<200UD	<170UD
cis-1,2-Dichloroethylene	8260B	(ug/kg)	7000		<180UD	<200UD	<170UD
cis-1,3-Dichloropropene	8260B	(ug/kg)			<180UD	<200UD	<170UD
Dibromochloromethane	8260B	(ug/kg)	10000		<180UD	<200UD	<170UD
Ethylbenzene	8260B	(ug/kg)	70000		<180UD	<200UD	<170UD
Methyl bromide	8260B	(ug/kg)	1000		<270UD	<300UD	<260UD
Methyl chloride	8260B	(ug/kg)	300		<910UD#	<1000UD#	<860UD#
Methyl ethyl ketone	8260B	(ug/kg)	580000		<9100UD	<10000UD	<8600UD
Methyl isobutylketone (MIBK)	8260B	(ug/kg)	41000		<910UD	<1000UD	<860UD
Methyl tert-butyl ether	8260B	(ug/kg)	2000		<180UD	<200UD	<170UD
Methylene chloride	8260B	(ug/kg)	500		<2700UD#	<3000UD#	<2600UD#
Styrene	8260B	(ug/kg)	24000		<180UD	<200UD	<170UD
Tetrachloroethylene	8260B	(ug/kg)	500		<91UD	<100UD	130D
Toluene	8260B	(ug/kg)	100000		<180UD	<200UD	<170UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	10000		<180UD	<200UD	<170UD
trans-1,3-Dichloropropene	8260B	(ug/kg)			<180UD	<200UD	<170UD
Trichloroethylene	8260B	(ug/kg)	500		<91UD	<100UD	<86UD
Trichlorofluoromethane	8260B	(ug/kg)	200000		<180UD	<200UD	<170UD
Vinyl chloride	8260B	(ug/kg)	200		<180UD	<200UD	<170UD
Xylene (total)	8260B	(ug/kg)	1000000		<540UD	<610UD	<520UD

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:					
				SAMPLE DATE:	PE-004.12	PE-005.12	PE-006.12	PE-007.12	PE-008.12
				SAMPLE DEPTH (ft):	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				12.00	12.00	12.00	12.00	12.00	
1,2,4-Trichlorobenzene	8270D	(ug/kg)	27000	<100U	<100U	<100U	<100U	<100U	
2,4-Dinitrotoluene	8270D	(ug/kg)	840	<100U	<100U	<100U	<100U	<100U	
2,6-Dinitrotoluene	8270D	(ug/kg)	10000	<100U	<100U	<100U	<100U	<100U	
2-Chloronaphthalene	8270D	(ug/kg)	18000000	<100U	<100U	<100U	<100U	<100U	
2-Methylnaphthalene	8270D	(ug/kg)	8000000	<100U	<100U	<100U	<100U	<100U	
3,3-Dichlorobenzidine	8270D	(ug/kg)	32000	<500U	<500U	<500U	<500U	<500U	
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
Acenaphthene	8270D	(ug/kg)	4700000	<100U	<100U	<100U	<100U	<100U	
Acenaphthylene	8270D	(ug/kg)	6900000	<100U	<100U	<100U	<100U	<100U	
Aniline	8270D	(ug/kg)	580	<100U	<100U	<100U	<100U	<100U	
Anthracene	8270D	(ug/kg)	350000	<100U	<100U	<100U	<100U	200	
Benzo(a)anthracene	8270D	(ug/kg)	320000	<100U	<100U	<100U	<100U	670	
Benzo(a)pyrene	8270D	(ug/kg)	46000	<100U	<100U	<100U	<100U	900	
Benzo(b)fluoranthene	8270D	(ug/kg)	170000	<100U	<100U	<100U	<100U	1100	
Benzo(ghi)perylene	8270D	(ug/kg)	180000	<100U	<100U	<100U	<100U	570	
Benzo(k)fluoranthene	8270D	(ug/kg)	610000	<100U	<100U	<100U	<100U	430	
Benzyl alcohol	8270D	(ug/kg)	3100000	<100U	<100U	<100U	<100U	<100U	
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
Bis(2-chloroethyl)ether	8270D	(ug/kg)	55	<100U#	<100U#	<100U#	<100U#	<100U#	
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)		<100U	<100U	<100U	<100U	<100U	

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	PE-004:12	PE-005:12	PE-006:12	PE-007:12	PE-008:12
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft)	12.00	12.00	12.00	12.00	12.00
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	130000		<330U	<330U	<330U	<330U	<330U
Butylbenzylphthalate	8270D	(ug/kg)	10000000		<100U	<100U	<100U	<100U	<100U
Chrysene	8270D	(ug/kg)	230000		<100U	<100U	<100U	<100U	<100U
Dibenzo(a,h)anthracene	8270D	(ug/kg)	160000		<100U	<100U	<100U	<100U	630
Dibenzofuran	8270D	(ug/kg)	670000		<100U	<100U	<100U	<100U	160
Diethyl phthalate	8270D	(ug/kg)	500000		<100U	<100U	<100U	<100U	<100U
Dimethyl phthalate	8270D	(ug/kg)	670000		<100U	<100U	<100U	<100U	<100U
Di-n-butyl phthalate	8270D	(ug/kg)	4100000		<330U	<330U	400	<330U	810
Di-n-octyl phthalate	8270D	(ug/kg)	10000000		<100U	<100U	<100U	<100U	<100U
Diphenylamine	8270D	(ug/kg)	20000		<100U	<100U	<100U	<100U	<100U
Fluoranthene	8270D	(ug/kg)	3200000		<100U	<100U	<100U	<100U	1800
Fluorene	8270D	(ug/kg)	3800000		<100U	<100U	<100U	<100U	<100U
Hexachlorobenzene	8270D	(ug/kg)	960		<100U	<100U	<100U	<100U	<100U
Hexachlorobutadiene	8270D	(ug/kg)	1200		<100U	<100U	<100U	<100U	<100U
Hexachlorocyclopentadiene	8270D	(ug/kg)	91000		<100U	<100U	<100U	<100U	<100U
Hexachloroethane	8270D	(ug/kg)	560		<100U	<100U	<100U	<100U	<100U
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	28000000		<100U	<100U	<100U	<100U	680
Isophorone	8270D	(ug/kg)	10000		<100U	<100U	<100U	<100U	<100U
m-Dichlorobenzene	8270D	(ug/kg)	61000		<100U	<100U	<100U	<100U	<100U
m-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
Naphthalene	8270D	(ug/kg)	25000		<100U	<100U	<100U	<100U	<100U
Nitrobenzene	8270D	(ug/kg)	5100		<100U	<100U	<100U	<100U	<100U

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-004.12	PE-005.12	PE-006.12	PE-007.12	PE-008.12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	12.00	12.00	12.00	12.00	12.00
N-Nitrosodipropylamine	8270D	(ug/kg)	37		<100U#	<100U#	<100U#	<100U#	<100U#
o-Dichlorobenzene	8270D	(ug/kg)	60000		<100U	<100U	<100U	<100U	<100U
o-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
p-Chloroaniline	8270D	(ug/kg)	52000		<100U	<100U	<100U	<100U	<100U
p-Dichlorobenzene	8270D	(ug/kg)	10000		<100U	<100U	<100U	<100U	<100U
Phenanthrene	8270D	(ug/kg)	10000000		<100U	<100U	<100U	<100U	760
p-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
Pyrene	8270D	(ug/kg)	2000000		<100U	<100U	<100U	<100U	1000

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-009.12	PE-015.12	PE-016.12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	12.00	12.00	12.00
1,2,4-Trichlorobenzene	8270D	(ug/kg)	27000		<100U	<100U	<100U
2,4-Dinitrotoluene	8270D	(ug/kg)	840		<100U	<100U	<100U
2,6-Dinitrotoluene	8270D	(ug/kg)	10000		<100U	<100U	<100U
2-Chloronaphthalene	8270D	(ug/kg)	18000000		<100U	<100U	<100U
2-Methylnaphthalene	8270D	(ug/kg)	8000000		<100U	<100U	<100U
3,3-Dichlorobenzidine	8270D	(ug/kg)	32000		<500U	<500U	<500U
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000		<100U	<100U	<100U
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000		<100U	<100U	<100U
Acenaphthene	8270D	(ug/kg)	4700000		<100U	<100U	<100U
Acenaphthylene	8270D	(ug/kg)	6000000		<100U	<100U	<100U

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		
				PE-009.12	PE-015.12	PE-016.12
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		
				12.00	12.00	12.00
Aniline	8270D	(ug/kg)	580	<100U	<100U	<100U
Anthracene	8270D	(ug/kg)	350000	<100U	<100U	<100U
Benzo(a)anthracene	8270D	(ug/kg)	320000	<100U	<100U	220
Benzo(a)pyrene	8270D	(ug/kg)	160000	<100U	<100U	270
Benzo(b)fluoranthene	8270D	(ug/kg)	170000	<100U	<100U	370
Benzo(ghi)perylene	8270D	(ug/kg)	180000	<100U	<100U	120
Benzo(k)fluoranthene	8270D	(ug/kg)	610000	<100U	<100U	150
Benzyl alcohol	8270D	(ug/kg)	3100000	<100U	<100U	<100U
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000	<100U	<100U	<100U
Bis(2-chloroethyl)ether	8270D	(ug/kg)	55	<100U#	<100U#	<100U#
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)		<100U	<100U	<100U
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	130000	<330U	<330U	<330U
Butylbenzyl phthalate	8270D	(ug/kg)	10000000	<100U	<100U	<100U
Chrysene	8270D	(ug/kg)	230000	<100U	<100U	240
Dibenzo(a,h)anthracene	8270D	(ug/kg)	160000	<100U	<100U	<100U
Dibenzofuran	8270D	(ug/kg)	670000	<100U	<100U	<100U
Diethyl phthalate	8270D	(ug/kg)	500000	<100U	<100U	<100U
Dimethyl phthalate	8270D	(ug/kg)	670000	<100U	<100U	<100U
Di-n-butyl phthalate	8270D	(ug/kg)	4100000	<330U	<330U	390
Di-n-octyl phthalate	8270D	(ug/kg)	10000000	<100U	<100U	<100U
Diphenylamine	8270D	(ug/kg)	20000	<100U	<100U	<100U
Fluoranthene	8270D	(ug/kg)	3200000	160	<100U	550

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	PE-009:12	PE-015:12	PE-016:12
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft)	12.00	12.00	12.00
Fluorene	8270D	(ug/kg)	3800000		1700	<100U	<100U
Hexachlorobenzene	8270D	(ug/kg)	960		<100U	<100U	<100U
Hexachlorobutadiene	8270D	(ug/kg)	1200		<100U	<100U	<100U
Hexachlorocyclopentadiene	8270D	(ug/kg)	91000		<100U	<100U	<100U
Hexachloroethane	8270D	(ug/kg)	560		<100U	<100U	<100U
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	28000000		<100U	<100U	160
Isophorone	8270D	(ug/kg)	10000		<100U	<100U	<100U
m-Dichlorobenzene	8270D	(ug/kg)	61000		<100U	<100U	<100U
m-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U
Naphthalene	8270D	(ug/kg)	25000		<100U	<100U	<100U
Nitrobenzene	8270D	(ug/kg)	5100		<100U	<100U	<100U
N-Nitrosodipropylamine	8270D	(ug/kg)	37		<100U#	<100U#	<100U#
o-Dichlorobenzene	8270D	(ug/kg)	60000		<100U	<100U	<100U
o-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U
p-Chloroaniline	8270D	(ug/kg)	52000		<100U	<100U	<100U
p-Dichlorobenzene	8270D	(ug/kg)	10000		<100U	<100U	<100U
Phenanthrene	8270D	(ug/kg)	10000000		2200	<100U	300
p-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U
Pyrene	8270D	(ug/kg)	2200000		370	<100U	430

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CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-004:12	PE-005:12	PE-006:12	PE-007:12	PE-008:12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (db):	12.00	12.00	12.00	12.00	12.00
Phenol	9065	(mg/kg)	100		<0.654U	<0.753U	<0.689U	<0.675U	<0.676U

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-009:12	PE-015:12	PE-016:12
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (db):	12.00	12.00	12.00
Phenol	9065	(mg kg)	100		<0.672U	109D	<0.692U

Exceedences of the Regulatory Standard are Printed in **Bold**.

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React Environmental Professional Services Group, Inc.

6901 Kingsessing Avenue, P.O. Box 5377, Philadelphia, PA 19142 654A Mount Road, Aston, PA 19014

ANALYTICAL CHEMISTRY REPORT

SAMPLING PERIOD: 3/31/2006

MATRIX: SOIL

COOPER GRANT PROJECT
FRONT STREET, CAMDEN, NJ

REPSG PROJECT No. 7254-002

METHODS:

EPA Method 418.1 - Total Petroleum Hydrocarbons (TPH)

EPA Method 6010B - Metals and Trace Elements by ICP/Atomic Emission Spectrometry

EPA Method 8260B - Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

EPA Method 8270D - Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

APPLICABLE REGULATORY REPORTING STANDARD:

PADEP Statewide Health Standards (SWHS): 25 PA Code Chapter 250 Tables 3A, 3B, 4A, 4B- Organic and Inorganic Constituents in Soil, Most Stringent Criteria of the Non-Residential Soil to Groundwater (Unsaturated Conditions) and Direct Contact (Subsurface Soil, 2-15 Feet) Pathways: Use Aquifer, Low Dissolved Solids (<2500).

EPA Method 418.1

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	02-PE-001.6	02-PE-002.6	02-PE-003.6	02-PE-004.6	02-PE-005.6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
TPH	418.1	(mg/kg)			<50U	<50U	<50U	53	130

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	02-PE-006.6	02-PE-007.6	02-PE-008.6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft)	6.00	6.00	6.00
TPH	418.1	(mg/kg)			<50U	<50U	1000D

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CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-001.6	02-PE-002.6	02-PE-003.6	02-PE-004.6	02-PE-005.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	6.00	6.00	6.00	6.00	6.00
Total Solids	5035 7.5	(%)			93.4	89.5	87.7	95.1	89.9

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-006.6	02-PE-007.6	02-PE-008.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	6.00	6.00	6.00
Total Solids	5035 7.5	(%)			86.2	89.8	91.2

ERA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-001.6	02-PE-002.6	02-PE-003.6	02-PE-004.6	02-PE-005.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	6.00	6.00	6.00	6.00	6.00
Antimony	6010B	(mg/kg)	27		6.52	5.99	5.24	<5U	<5U
Beryllium	6010B	(mg/kg)	320		0.32	0.29	0.32	0.29	<0.2U
Cadmium	6010B	(mg/kg)	38		<1U	<1U	<1U	<1U	<1U
Lead	6010B	(mg/kg)	450		<5U	140	83	<5U	24
Nickel	6010B	(mg/kg)	650		6.9	7	6.7	4.6	3.2
Zinc	6010B	(mg/kg)	12000		22	95	73	17	40

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-006.6	02-PE-007.6	02-PE-008.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	6.00	6.00	6.00

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EPA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	02-PE-006.6	02-PE-007.6	02-PE-008.6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg)	6.00	6.00	6.00
Antimony	6010B	(mg/kg)	27		<5U	<5U	<5U
Beryllium	6010B	(mg/kg)	320		0.44	<0.2	0.37
Cadmium	6010B	(mg/kg)	38		<1U	<1U	<1U
Lead	6010B	(mg/kg)	450		<5U	<5U	5.9
Nickel	6010B	(mg/kg)	650		5.8	4	13
Zinc	6010B	(mg/kg)	12000		51	18	38

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	02-PE-001.6	02-PE-002.6	02-PE-003.6	02-PE-004.6	02-PE-005.6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg)	6.00	6.00	6.00	6.00	6.00
1,1,1-trichloroethane	8260B	(ug/kg)	20000		<210UD	<160UD	<180UD	<200UD	<180UD
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	30		<210UD#	<160UD#	<180UD#	<200UD#	<180UD#
1,1,2-Trichloroethane	8260B	(ug/kg)	500		<210UD	<160UD	<180UD	<200UD	<180UD
1,1-Dichloroethane	8260B	(ug/kg)	11000		<210UD	<160UD	<180UD	<200UD	<180UD
1,1-Dichloroethylene	8260B	(ug/kg)	700		<210UD	<160UD	<180UD	<200UD	<180UD
1,2-Dichloroethane	8260B	(ug/kg)	500		<210UD	<160UD	<180UD	<200UD	<180UD
1,2-Dichloropropane	8260B	(ug/kg)	500		<210UD	<160UD	<180UD	<200UD	<180UD
2-Hexanone	8260B	(ug/kg)	670000		<1000UD	<780UD	<900UD	<1000UD	<880UD
Acetone	8260B	(ug/kg)	1000000		<10000UD	<7800UD	<9000UD	<10000UD	<8800UD
Benzene	8260B	(ug/kg)	500		<100UD	<78UD	<90UD	<100UD	<88UD

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EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-001:6	02-PE-002:6	02-PE-003:6	02-PE-004:6	02-PE-005:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg)	6.00	6.00	6.00	6.00	6.00
Bromodichloromethane	8260B	(ug/kg)	10000		<100UD	<78UD	<90UD	<100UD	<88UD
Bromoform	8260B	(ug/kg)	10000		<210UD	<160UD	<180UD	<200UD	<180UD
Carbon disulfide	8260B	(ug/kg)	410000		<1500UD	<1200UD	<1300UD	<1500UD	<1300UD
Carbon tetrachloride	8260B	(ug/kg)	500		<210UD	<160UD	<180UD	<200UD	<180UD
Chlorobenzene	8260B	(ug/kg)	10000		<210UD	<160UD	<180UD	<200UD	<180UD
Chloroethane	8260B	(ug/kg)	90000		<410UD	<310UD	<360UD	<400UD	<350UD
Chloroform	8260B	(ug/kg)	10000		<210UD	<160UD	<180UD	<200UD	<180UD
cis-1,2-Dichloroethylene	8260B	(ug/kg)	7000		<210UD	<160UD	<180UD	<200UD	<180UD
cis-1,3-Dichloropropene	8260B	(ug/kg)			<210UD	<160UD	<180UD	<200UD	<180UD
Dibromochloromethane	8260B	(ug/kg)	10000		<210UD	<160UD	<180UD	<200UD	<180UD
Ethylbenzene	8260B	(ug/kg)	70000		<210UD	<160UD	<180UD	<200UD	<180UD
Methyl bromide	8260B	(ug/kg)	1000		<310UD	<240UD	<270UD	<300UD	<260UD
Methyl chloride	8260B	(ug/kg)	300		<1000UD#	<780UD#	<900UD#	<1000UD#	<880UD#
Methyl ethyl ketone	8260B	(ug/kg)	580000		<10000UD	<7800UD	<9000UD	<10000UD	<8800UD
Methyl isobutylketone (MIBK)	8260B	(ug/kg)	41000		<1000UD	<780UD	<900UD	<1000UD	<880UD
Methyl tert-butyl ether	8260B	(ug/kg)	2000		<210UD	<160UD	<180UD	<200UD	<180UD
Methylene chloride	8260B	(ug/kg)	500		<3100UD#	<2400UD#	<2700UD#	<3000UD#	<2600UD#
Styrene	8260B	(ug/kg)	24000		<210UD	<160UD	<180UD	<200UD	<180UD
Tetrachloroethylene	8260B	(ug/kg)	500		<100UD	<78UD	260D	<100UD	<88UD
Toluene	8260B	(ug/kg)	100000		<210UD	<160UD	<180UD	<200UD	<180UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	10000		<210UD	<160UD	<180UD	<200UD	<180UD
trans-1,3-Dichloropropene	8260B	(ug/kg)			<210UD	<160UD	<180UD	<200UD	<180UD

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EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-001.6	02-PE-002.6	02-PE-003.6	02-PE-004.6	02-PE-005.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
Trichloroethylene	8260B	(ug/kg)	500		<100UD	<78UD	150D	<100UD	<88UD
Trichlorofluoromethane	8260B	(ug/kg)	200000		<210UD	<160UD	<180UD	<200UD	<180UD
Vinyl chloride	8260B	(ug/kg)	200		<210UD#	<160UD	<180UD	<200UD	<180UD
Xylene (total)	8260B	(ug/kg)	1000000		<620UD	<470UD	<540UD	<610UD	<530UD
CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-006.6	02-PE-007.6	02-PE-008.6		
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006		
				SAMPLE DEPTH (ft):	6.00	6.00	6.00		
1,1,1-trichloroethane	8260B	(ug/kg)	20000		<180UD	<160UD	<180UD		
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	50		<180UD#	<160UD#	<180UD#		
1,1,2-Trichloroethane	8260B	(ug/kg)	500		<180UD	<160UD	<180UD		
1,1-Dichloroethane	8260B	(ug/kg)	11000		<180UD	<160UD	<180UD		
1,1-Dichloroethylene	8260B	(ug/kg)	700		<180UD	<160UD	<180UD		
1,2-Dichloroethane	8260B	(ug/kg)	500		<180UD	<160UD	<180UD		
1,2-Dichloropropane	8260B	(ug/kg)	500		<180UD	<160UD	<180UD		
2-Hexanone	8260B	(ug/kg)	670000		<880UD	<820UD	<920UD		
Acetone	8260B	(ug/kg)	1000000		<880UD	<820UD	<920UD		
Benzene	8260B	(ug/kg)	500		<88UD	<82UD	<92UD		
Bromodichloromethane	8260B	(ug/kg)	10000		<88UD	<82UD	<92UD		
Bromoform	8260B	(ug/kg)	10000		<180UD	<160UD	<180UD		
Carbon disulfide	8260B	(ug/kg)	410000		<1300UD	<1200UD	<1400UD		
Carbon tetrachloride	8260B	(ug/kg)	500		<180UD	<160UD	<180UD		

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EPA Method 8260B

CONSTITUENT	METHOD	UNITS	STANDARD	SAMPLE LOCATION:		
				02-PE-006:6	02-PE-007:6	02-PE-008:6
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		
				6.00	6.00	6.00
Chlorobenzene	8260B	(ug/kg)	10000	<180UD	<160UD	<180UD
Chloroethane	8260B	(ug/kg)	90000	<350UD	<330UD	<370UD
Chloroform	8260B	(ug/kg)	10000	<180UD	<160UD	<180UD
cis-1,2-Dichloroethylene	8260B	(ug/kg)	7000	<180UD	<160UD	<180UD
cis-1,3-Dichloropropene	8260B	(ug/kg)		<180UD	<160UD	<180UD
Dibromochloromethane	8260B	(ug/kg)	10000	<180UD	<160UD	<180UD
Ethylbenzene	8260B	(ug/kg)	70000	<180UD	<160UD	<180UD
Methyl bromide	8260B	(ug/kg)	1000	<270UD	<250UD	<280UD
Methyl chloride	8260B	(ug/kg)	300	<880UD#	<820UD#	<920UD#
Methyl ethyl ketone	8260B	(ug/kg)	580000	<8800UD	<8200UD	<9200UD
Methyl isobutylketone (MIBK)	8260B	(ug/kg)	41000	<880UD	<820UD	<920UD
Methyl tert-butyl ether	8260B	(ug/kg)	2000	<180UD	<160UD	<180UD
Methylene chloride	8260B	(ug/kg)	500	<2700UD#	<2500UD#	<2800UD#
Styrene	8260B	(ug/kg)	24000	<180UD	<160UD	<180UD
Tetrachloroethylene	8260B	(ug/kg)	500	<88UD	<82UD	<92UD
Toluene	8260B	(ug/kg)	100000	<180UD	<160UD	<180UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	10000	<180UD	<160UD	<180UD
trans-1,3-Dichloropropene	8260B	(ug/kg)		<180UD	<160UD	<180UD
Trichloroethylene	8260B	(ug/kg)	500	<88UD	<82UD	<92UD
Trichlorofluoromethane	8260B	(ug/kg)	200000	<180UD	<160UD	<180UD
Vinyl chloride	8260B	(ug/kg)	200	<180UD	<160UD	<180UD
Xylene (total)	8260B	(ug/kg)	1000000	<530UD	<490UD	<550UD

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-001:6	02-PE-002:6	02-PE-003:6	02-PE-004:6	02-PE-005:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
1,2,4-Trichlorobenzene	8270D	(ug/kg)	27000		<100U	<500UD	<100U	<100U	<100U
2,4-Dinitrotoluene	8270D	(ug/kg)	840		<100U	<500UD	<100U	<100U	<100U
2,6-Dinitrotoluene	8270D	(ug/kg)	10000		<100U	<500UD	<100U	<100U	<100U
2-Chloronaphthalene	8270D	(ug/kg)	18000000		<100U	<500UD	<100U	<100U	<100U
2-Methylnaphthalene	8270D	(ug/kg)	8000000		<100U	<500UD	<100U	<100U	<100U
3,3-Dichlorobenzidine	8270D	(ug/kg)	32000		<500U	<2500UD	<500U	<500U	<500U
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000		<100U	<500UD	<100U	<100U	<100U
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000		<100U	<500UD	<100U	<100U	<100U
Acenaphthene	8270D	(ug/kg)	4700000		<100U	<500UD	<100U	<100U	<100U
Acenaphthylene	8270D	(ug/kg)	6900000		<100U	<500UD	<100U	<100U	<100U
Aniline	8270D	(ug/kg)	580		<100U	<500UD	<100U	<100U	<100U
Anthracene	8270D	(ug/kg)	350000		<100U	<500UD	<100U	<100U	<100U
Benzo(a)anthracene	8270D	(ug/kg)	320000		<100U	<500UD	<100U	<100U	110
Benzo(a)pyrene	8270D	(ug/kg)	46000		<100U	<500UD	<100U	<100U	<100U
Benzo(b)fluoranthene	8270D	(ug/kg)	170000		<100U	<500UD	110	<100U	140
Benzo(ghi)perylene	8270D	(ug/kg)	180000		<100U	<500UD	<100U	<100U	<100U
Benzo(k)fluoranthene	8270D	(ug/kg)	610000		<100U	<500UD	<100U	<100U	<100U
Benzyl alcohol	8270D	(ug/kg)	3100000		<100U	<500UD	<100U	<100U	<100U
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000		<100U	<500UD	<100U	<100U	<100U
Bis(2-chloroethyl)ether	8270D	(ug/kg)	55		<100U#	<500UD#	<100U#	<100U#	<100U#
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)			<100U	<500UD	<100U	<100U	<100U

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-001:6	02-PE-002:6	02-PE-003:6	02-PE-004:6	02-PE-005:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	130000		<330U	<1600UD	<330U	<330U	<330U
Butylbenzylphthalate	8270D	(ug/kg)	10000000		<100U	<500UD	<100U	<100U	<100U
Chrysene	8270D	(ug/kg)	230000		<100U	<500UD	<100U	<100U	100
Dibenzo(a,h)anthracene	8270D	(ug/kg)	160000		<100U	<500UD	<100U	<100U	<100U
Dibenzofuran	8270D	(ug/kg)	670000		<100U	<500UD	<100U	<100U	<100U
Diethyl phthalate	8270D	(ug/kg)	500000		<100U	<500UD	<100U	<100U	<100U
Dimethyl phthalate	8270D	(ug/kg)	670000		<100U	<500UD	<100U	<100U	<100U
Di-n-butyl phthalate	8270D	(ug/kg)	1100000		<330U	<1600UD	<330U	<330U	<330U
Di-n-octyl phthalate	8270D	(ug/kg)	10000000		<100U	<500UD	<100U	<100U	<100U
Diphenylamine	8270D	(ug/kg)	20000		<100U	<500UD	<100U	<100U	<100U
Fluoranthene	8270D	(ug/kg)	3200000		<100U	<500UD	160	<100U	240
Fluorene	8270D	(ug/kg)	3800000		<100U	<500UD	<100U	<100U	<100U
Hexachlorobenzene	8270D	(ug/kg)	960		<100U	<500UD	<100U	<100U	<100U
Hexachlorobutadiene	8270D	(ug/kg)	1200		<100U	<500UD	<100U	<100U	<100U
Hexachlorocyclopentadiene	8270D	(ug/kg)	91000		<100U	<500UD	<100U	<100U	<100U
Hexachloroethane	8270D	(ug/kg)	560		<100U	<500UD	<100U	<100U	<100U
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	28000000		<100U	<500UD	<100U	<100U	<100U
Isophorone	8270D	(ug/kg)	10000		<100U	<500UD	<100U	<100U	<100U
n-Dichlorobenzene	8270D	(ug/kg)	61000		<100U	<500UD	<100U	<100U	<100U
m-Nitroaniline	8270D	(ug/kg)	580		<500U	<2500UD#	<500U	<500U	<500U
Naphthalene	8270D	(ug/kg)	25000		<100U	<500UD	<100U	<100U	<100U
Nitrobenzene	8270D	(ug/kg)	5100		<100U	<500UD	<100U	<100U	<100U

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL) I = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL) D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank N = Tentatively Identified Compound (TIC) Y = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-001:6	02-PE-002:6	02-PE-003:6	02-PE-004:6	02-PE-005:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
N-Nitrosodipropylamine	8270D	(ug/kg)	37		<100U#	<500UD#	<100U#	<100U#	<100U#
o-Dichlorobenzene	8270D	(ug/kg)	60000		<100U	<500UD	<100U	<100U	<100U
o-Nitroaniline	8270D	(ug/kg)	580		<500U	<2500UD#	<500U	<500U	<500U
p-Chloroaniline	8270D	(ug/kg)	32000		<100U	<500UD	<100U	<100U	<100U
p-Dichlorobenzene	8270D	(ug/kg)	10000		<100U	<500UD	<100U	<100U	<100U
Phenanthrene	8270D	(ug/kg)	10000000		<100U	<500UD	<100U	<100U	180
p-Nitroaniline	8270D	(ug/kg)	580		<500U	<2500UD#	<500U	<500U	<500U
Pyrene	8270D	(ug/kg)	2200000		<100U	<500UD	130	<100U	180

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-006:6	02-PE-007:6	02-PE-008:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00
1,2,4-Trichlorobenzene	8270D	(ug/kg)	27000		<100U	<100U	<100U
2,4-Dinitrotoluene	8270D	(ug/kg)	840		<100U	<100U	<100U
2,6-Dinitrotoluene	8270D	(ug/kg)	10000		<100U	<100U	<100U
2-Chloronaphthalene	8270D	(ug/kg)	18000000		<100U	<100U	<100U
2-Methylnaphthalene	8270D	(ug/kg)	8000000		<100U	<100U	<100U
3,3-Dichlorobenzidine	8270D	(ug/kg)	32000		<500U	<500U	<500U
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000		<100U	<100U	<100U
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000		<100U	<100U	<100U
Acenaphthene	8270D	(ug/kg)	4700000		<100U	<100U	<100U
Acenaphthylene	8270D	(ug/kg)	6900000		<100U	<100U	<100U

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). I = Estimated Value. P = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-006:6	02-PE-007:6	02-PE-008:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	6.00	6.00	6.00
Aniline	8270D	(ug/kg)	580		<100U	<100U	<100U
Anthracene	8270D	(ug/kg)	350000		<100U	<100U	<100U
Benzo(a)anthracene	8270D	(ug/kg)	320000		<100U	<100U	<100U
Benzo(a)pyrene	8270D	(ug/kg)	46000		<100U	<100U	<100U
Benzo(b)fluoranthene	8270D	(ug/kg)	170000		<100U	<100	<100U
Benzo(ghi)perylene	8270D	(ug/kg)	180000		<100U	<100U	<100U
Benzo(k)fluoranthene	8270D	(ug/kg)	610000		<100U	<100U	<100U
Benzyl alcohol	8270D	(ug/kg)	3100000		<100U	<100U	<100U
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000		<100U	<100U	<100U
Bis(2-chloroethyl)ether	8270D	(ug/kg)	55		<100U#	<100U#	<100U#
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)			<100U	<100U	<100U
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	130000		<330U	<330U	<330U
Butylbenzylphthalate	8270D	(ug/kg)	10000000		<100U	<100U	<100U
Chrysene	8270D	(ug/kg)	230000		<100U	<100U	<100U
Dibenzo(a,h)anthracene	8270D	(ug/kg)	160000		<100U	<100U	<100U
Dibenzofuran	8270D	(ug/kg)	670000		<100U	<100U	<100U
Diethyl phthalate	8270D	(ug/kg)	500000		<100U	<100U	<100U
Dimethyl phthalate	8270D	(ug/kg)	670000		<100U	<100U	<100U
Di-n-butyl phthalate	8270D	(ug/kg)	4100000		<330U	<330U	<330U
Di-n-octyl phthalate	8270D	(ug/kg)	10000000		<100U	<100U	<100U
Diphenylamine	8270D	(ug/kg)	20000		<100U	<100U	<100U
Fluoranthene	8270D	(ug/kg)	3200000		<100U	150	<100U

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	02-PE-006:6	02-PE-007:6	02-PE-008:6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (Dg)	6.00	6.00	6.00
Fluorene	8270D	(ug/kg)	3800000		<100U	<100U	<100U
Hexachlorobenzene	8270D	(ug/kg)	960		<100U	<100U	<100U
Hexachlorobutadiene	8270D	(ug/kg)	1200		<100U	<100U	<100U
Hexachlorocyclopentadiene	8270D	(ug/kg)	91000		<100U	<100U	<100U
Hexachloroethane	8270D	(ug/kg)	560		<100U	<100U	<100U
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	28000000		<100U	<100U	<100U
Isophorone	8270D	(ug/kg)	10000		<100U	<100U	<100U
m-Dichlorobenzene	8270D	(ug/kg)	61000		<100U	<100U	<100U
m-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U
Naphthalene	8270D	(ug/kg)	25000		<100U	<100U	<100U
Nitrobenzene	8270D	(ug/kg)	5100		<100U	<100U	<100U
N-Nitrosodipropylamine	8270D	(ug/kg)	37		<100U#	<100U#	<100U#
o-Dichlorobenzene	8270D	(ug/kg)	60000		<100U	<100U	<100U
o-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U
p-Chloroaniline	8270D	(ug/kg)	52000		<100U	<100U	<100U
p-Dichlorobenzene	8270D	(ug/kg)	10000		<100U	<100U	<100U
Phenanthrene	8270D	(ug/kg)	10000000		<100U	<100U	<100U
p-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U
Pyrene	8270D	(ug/kg)	2200000		<100U	140	<100U

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. ± = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N = Tentatively Identified Compound (TIC). Y = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-001:6	02-PE-002:6	02-PE-003:6	02-PE-004:6	02-PE-005:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
Phenol	9065	(mg/kg)	400		<0.675U	<0.704U	<0.718U	<0.662U	<0.701U

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	02-PE-006:6	02-PE-007:6	02-PE-008:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00
Phenol	9065	(mg/kg)	400		<0.731U	<0.702U	<0.691U

Exceedences of the Regulatory Standard are Printed in Bold.

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React Environmental Professional Services Group, Inc.

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ANALYTICAL CHEMISTRY REPORT

COOPER GRANT PROJECT
FRONT SREET, CAMDEN, NJ

SAMPLING PERIOD: 3/31/2006

MATRIX: SOIL

REPSG PROJECT No. 7254-002

METHODS:

EPA Method 160.3 - Total Residue by Drying Oven

EPA Method 8270D - Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

APPLICABLE REGULATORY REPORTING STANDARD:

PADEP Statewide Health Standards (SWHS): 25 PA Code Chapter 250 Tables 3A, 3B, 4A, 4B- Organic and Inorganic Constituents in Soil, Most Stringent Criteria of the Non-Residential Soil to Groundwater (Unsaturated Conditions) and Direct Contact (Subsurface Soil, 2-15 Feet) Pathways: Use Aquifer, Low Dissolved Solids (<2500).

EPA Method 160.3

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	03-PE-001.8	03-PE-002.8	03-PE-003.8	03-PE-004.8	03-PE-005.8
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg):	8.00	8.00	8.00	8.00	8.00
Total Solids	160.3	(%)			92.6	94.8	93.3	85.8	94.5

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	03-PE-001.8	03-PE-002.8	03-PE-003.8	03-PE-004.8	03-PE-005.8
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg):	8.00	8.00	8.00	8.00	8.00
1,2,4-Trichlorobenzene	8270D	(ug/kg)	27000		<100U	<100U	<100U	<100U	<100U
2,4-Dinitrotoluene	8270D	(ug/kg)	840		<100U	<100U	<100U	<100U	<100U
2,6-Dinitrotoluene	8270D	(ug/kg)	10000		<100U	<100U	<100U	<100U	<100U

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL) J = Estimated Value ≤ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.



EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	03-PE-001:8	03-PE-002:8	03-PE-003:8	03-PE-004:8	03-PE-005:8
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	8.00	8.00	8.00	8.00	8.00
2-Chloronaphthalene	8270D	(ug/kg)	1800000		<100U	<100U	<100U	<100U	<100U
2-Methylnaphthalene	8270D	(ug/kg)	800000		<100U	<100U	<100U	<100U	<100U
3,3-Dichlorobenzidine	8270D	(ug/kg)	32000		<500U	<500U	<500U	<500U	<500U
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000		<100U	<100U	<100U	<100U	<100U
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000		<100U	<100U	<100U	<100U	<100U
Acenaphthene	8270D	(ug/kg)	4700000		<100U	<100U	<100U	<100U	<100U
Acenaphthylene	8270D	(ug/kg)	6900000		<100U	<100U	<100U	<100U	<100U
Aniline	8270D	(ug/kg)	580		<100U	<100U	<100U	<100U	<100U
Anthracene	8270D	(ug/kg)	350000		<100U	<100U	<100U	<100U	<100U
Benzo(a)anthracene	8270D	(ug/kg)	320000		<100U	<100U	<100U	300	130
Benzo(a)pyrene	8270D	(ug/kg)	46000		<100U	<100U	<100U	260	120
Benzo(b)fluoranthene	8270D	(ug/kg)	170000		<100U	<100U	<100U	390	160
Benzo(ghi)perylene	8270D	(ug/kg)	180000		<100U	<100U	<100U	160	<100U
Benzo(k)fluoranthene	8270D	(ug/kg)	610000		<100U	<100U	<100U	130	<100U
Benzyl alcohol	8270D	(ug/kg)	3100000		<100U	<100U	<100U	<100U	<100U
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000		<100U	<100U	<100U	<100U	<100U
Bis(2-chloroethyl)ether	8270D	(ug/kg)	55		<100U#	<100U#	<100U#	<100U#	<100U#
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)			<100U	<100U	<100U	<100U	<100U
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	130000		<330U	<330U	<330U	<330U	<330U
Butylbenzylphthalate	8270D	(ug/kg)	1000000		<100U	<100U	<100U	<100U	<100U
Chrysene	8270D	(ug/kg)	230000		<100U	<100U	<100U	300	130
Dibenzo(a,h)anthracene	8270D	(ug/kg)	160000		<100U	<100U	<100U	<100U	<100U

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Esimated Value. ≤ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard



EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	03-PE-001:8	03-PE-002:8	03-PE-003:8	03-PE-004:8	03-PE-005:8
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg):	8.00	8.00	8.00	8.00	8.00
Dibenzofuran	8270D	(ug/kg)	670000		<100U	<100U	<100U	<100U	<100U
Diethyl phthalate	8270D	(ug/kg)	500000		<100U	<100U	<100U	<100U	<100U
Dimethyl phthalate	8270D	(ug/kg)	670000		<100U	<100U	<100U	<100U	<100U
Di-n-butyl phthalate	8270D	(ug/kg)	4100000		<330U	<330U	<330U	<330U	<330U
Di-n-octyl phthalate	8270D	(ug/kg)	10000000		<100U	<100U	<100U	<100U	<100U
Diphenylamine	8270D	(ug/kg)	20000		<100U	<100U	<100U	<100U	<100U
Fluoranthene	8270D	(ug/kg)	3200000		140	<100U	<100U	760	340
Fluorene	8270D	(ug/kg)	3800000		<100U	<100U	<100U	<100U	<100U
Hexachlorobenzene	8270D	(ug/kg)	960		<100U	<100U	<100U	<100U	<100U
Hexachlorobutadiene	8270D	(ug/kg)	1200		<100U	<100U	<100U	<100U	<100U
Hexachlorocyclopentadiene	8270D	(ug/kg)	91000		<100U	<100U	<100U	<100U	<100U
Hexachloroethane	8270D	(ug/kg)	560		<100U	<100U	<100U	<100U	<100U
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	28000000		<100U	<100U	<100U	190	<100U
Isophorone	8270D	(ug/kg)	10000		<100U	<100U	<100U	<100U	<100U
m-Dichlorobenzene	8270D	(ug/kg)	61000		<100U	<100U	<100U	<100U	<100U
m-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
Naphthalene	8270D	(ug/kg)	25000		<100U	<100U	<100U	<100U	<100U
Nitrobenzene	8270D	(ug/kg)	5100		<100U	<100U	<100U	<100U	<100U
N-Nitrosodipropylamine	8270D	(ug/kg)	37		<100U#	<100U#	<100U#	<100U#	<100U#
o-Dichlorobenzene	8270D	(ug/kg)	60000		<100U	<100U	<100U	<100U	<100U
o-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
p-Chloroaniline	8270D	(ug/kg)	52000		<100U	<100U	<100U	<100U	<100U

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value ≤ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank # - PQL exceeds the reporting standard.



EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	03-PE-001:8	03-PE-002:8	03-PE-003:8	03-PE-004:8	03-PE-005:8
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (lbq)	8.00	8.00	8.00	8.00	8.00
p-Dichlorobenzene	8270D	(ug/kg)	10000		<100U	<100U	<100U	<100U	<100U
Phenanthrene	8270D	(ug/kg)	10000000		<100U	<100U	<100U	460	220
p-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
Pyrene	8270D	(ug/kg)	2200000		120	<100U	<100U	540	230

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. ≤ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank # - PQL exceeds the reporting standard.



React Environmental Professional Services Group, Inc.

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ANALYTICAL CHEMISTRY REPORT

SAMPLING PERIOD: 3/31/2006
MATRIX: SOIL

COOPER GRANT PROJECT
FRONT STREET, CAMDEN, NJ

REPSG PROJECT No. 7254-002

METHODS:

EPA Method 418.1 - Total Petroleum Hydrocarbons (TPH)

EPA Method 6010B - Metals and Trace Elements by ICP/Atomic Emission Spectrometry

EPA Method 8260B - Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

EPA Method 8270D - Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

APPLICABLE REGULATORY REPORTING STANDARD:

PADEP Statewide Health Standards (SWHS): 25 PA Code Chapter 250 Tables 3A, 3B, 4A, 4B- Organic and Inorganic Constituents in Soil, Most Stringent Criteria of the Non-Residential Soil to Groundwater (Unsaturated Conditions) and Direct Contact (Subsurface Soil, 2-15 Feet) Pathways: Use Aquifer, Low Dissolved Solids (<2500).

EPA Method 418.1

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg):	10.00	10.00	10.00	10.00	10.00
TPH	418.1	(mg/kg)			320	<50U	490	880D	460

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg):	10.00	10.00	10.00	10.00	10.00
Total Solids	5035.7.5	(%)			90	92.1	91.8	89.6	91.5

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value ≤ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N = Tentatively Identified Compound (TIC). X = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.



EPA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):				
				10.00	10.00	10.00	10.00	10.00
Antimony	6010B	(mg/kg)	27	<5U	<5U	<5U	<5U	<5U
Beryllium	6010B	(mg/kg)	320	<0.2U	0.26	<0.2U	0.25	0.28
Cadmium	6010B	(mg/kg)	38	<1U	<1U	<1U	<1U	<1U
Lead	6010B	(mg/kg)	450	.13	.10	6.3	18	76
Nickel	6010B	(mg/kg)	650	8.7	9.3	9.3	11	12
Zinc	6010B	(mg/kg)	12000	43	32	41	46	86

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):				
				10.00	10.00	10.00	10.00	10.00
1,1,1-Trichloroethane	8260B	(ug/kg)	20000	<180UD	<190UD	<190UD	<190UD	<170UD
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	30	<180UD#	<190UD#	<190UD#	<190UD#	<170UD#
1,1,2-Trichloroethane	8260B	(ug/kg)	500	<180UD	<190UD	<190UD	<190UD	<170UD
1,1-Dichloroethane	8260B	(ug/kg)	11000	<180UD	<190UD	<190UD	<190UD	<170UD
1,1-Dichloroethylene	8260B	(ug/kg)	700	<180UD	<190UD	<190UD	<190UD	<170UD
1,2-Dichloroethane	8260B	(ug/kg)	500	<180UD	<190UD	<190UD	<190UD	<170UD
1,2-Dichloropropane	8260B	(ug/kg)	500	<180UD	<190UD	<190UD	<190UD	<170UD
2-Hexanone	8260B	(ug/kg)	670000	<900UD	<930UD	<950UD	<930UD	<840UD
Acetone	8260B	(ug/kg)	1000000	<9000UD	<9300UD	<9500UD	<9300UD	<8400UD

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value ≤ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC) Y- Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.



EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg): 10.00	10.00	10.00	10.00	10.00
Benzene	8260B	(ug/kg)	500	<90UD	<93UD	<95UD	<93UD	<84UD
Bromodichloromethane	8260B	(ug/kg)	10000	<90UD	<93UD	<95UD	<93UD	<84UD
Bromoform	8260B	(ug/kg)	10000	<180UD	<190UD	<190UD	<190UD	<170UD
Carbon disulfide	8260B	(ug/kg)	410000	<1300UD	<1400UD	<1400UD	<1400UD	<1300UD
Carbon tetrachloride	8260B	(ug/kg)	500	<180UD	<190UD	<190UD	<190UD	<170UD
Chlorobenzene	8260B	(ug/kg)	10000	<180UD	<190UD	<190UD	<190UD	<170UD
Chloroethane	8260B	(ug/kg)	90000	<360UD	<370UD	<380UD	<370UD	<340UD
Chloroform	8260B	(ug/kg)	10000	<180UD	<190UD	<190UD	<190UD	<170UD
cis-1,2-Dichloroethylene	8260B	(ug/kg)	7000	<180UD	<190UD	<190UD	<190UD	<170UD
cis-1,3-Dichloropropene	8260B	(ug/kg)		<180UD	<190UD	<190UD	<190UD	<170UD
Dibromochloromethane	8260B	(ug/kg)	10000	<180UD	<190UD	<190UD	<190UD	<170UD
Ethylbenzene	8260B	(ug/kg)	70000	<180UD	<190UD	<190UD	<190UD	<170UD
Methyl bromide	8260B	(ug/kg)	1000	<270UD	<280UD	<280UD	<280UD	<250UD
Methyl chloride	8260B	(ug/kg)	300	<900UD#	<930UD#	<950UD#	<930UD#	<840UD#
Methyl ethyl ketone	8260B	(ug/kg)	580000	<900UD	<930UD	<950UD	<930UD	<840UD
Methyl isobutylketone (MIBK)	8260B	(ug/kg)	41000	<900UD	<930UD	<950UD	<930UD	<840UD
Methyl tert-butyl ether	8260B	(ug/kg)	2000	<180UD	<190UD	<190UD	<190UD	<170UD
Methylene chloride	8260B	(ug/kg)	500	<270UD#	<280UD#	<280UD#	<280UD#	<250UD#
Styrene	8260B	(ug/kg)	24000	<180UD	<190UD	<190UD	<190UD	<170UD
Tetrachloroethylene	8260B	(ug/kg)	500	<90UD	<93UD	<95UD	<93UD	<84UD
Toluene	8260B	(ug/kg)	100000	<180UD	<190UD	<190UD	<190UD	<170UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	10000	<180UD	<190UD	<190UD	<190UD	<170UD

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. ≤ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N = Tentatively Identified Compound (TIC) Y - Tentatively Identified Compound (TIC) also identified in Method Blank # - PQL exceeds the reporting standard.



EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg): 10.00	10.00	10.00	10.00	10.00
trans-1,3-Dichloropropene	8260B	(ug/kg)		<180UD	<190UD	<190UD	<190UD	<170UD
Trichloroethylene	8260B	(ug/kg)	500	<90UD	<93UD	<95UD	<93UD	<84UD
Trichlorofluoromethane	8260B	(ug/kg)	200000	<180UD	<190UD	<190UD	<190UD	<170UD
Vinyl chloride	8260B	(ug/kg)	200	<180UD	<190UD	<190UD	<190UD	<170UD
Xylene (total)	8260B	(ug/kg)	1000000	<540UD	<560UD	<570UD	<560UD	<500UD

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg): 10.00	10.00	10.00	10.00	10.00
1,2,4-Trichlorobenzene	8270D	(ug/kg)	27000	<100U	<100U	<500UD	<500UD	<500UD
2,4-Dinitrotoluene	8270D	(ug/kg)	840	<100U	<100U	<500UD	<500UD	<500UD
2,6-Dinitrotoluene	8270D	(ug/kg)	10000	<100U	<100U	<500UD	<500UD	<500UD
2-Chloronaphthalene	8270D	(ug/kg)	18000000	<100U	<100U	<500UD	<500UD	<500UD
2-Methylnaphthalene	8270D	(ug/kg)	8000000	<100U	<100U	<500UD	<500UD	<500UD
3,3-Dichlorobenzidine	8270D	(ug/kg)	32000	<500U	<500U	<2500UD	<2500UD	<2500UD
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000	<100U	<100U	<500UD	<500UD	<500UD
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000	<100U	<100U	<500UD	<500UD	<500UD
Acenaphthene	8270D	(ug/kg)	4700000	<100U	<100U	<500UD	<500UD	<500UD
Acenaphthylene	8270D	(ug/kg)	6900000	<100U	<100U	<500UD	<500UD	<500UD
Aniline	8270D	(ug/kg)	580	<100U	<100U	<500UD	<500UD	<500UD

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. ≤ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N = Tentatively Identified Compound (TIC). Y = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.



EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg): 10.00	10.00	10.00	10.00	10.00
Anthracene	8270D	(ug/kg)	350000	<100U	<100U	<500UD	<500UD	<500UD
Benzo(a)anthracene	8270D	(ug/kg)	320000	<100U	<100U	<500UD	<500UD	<500UD
Benzo(a)pyrene	8270D	(ug/kg)	46000	<100U	<100U	<500UD	<500UD	<500UD
Benzo(b)fluoranthene	8270D	(ug/kg)	170000	<100U	<100U	<500UD	<500UD	690D
Benzo(ghi)perylene	8270D	(ug/kg)	180000	<100U	<100U	<500UD	<500UD	<500UD
Benzo(k)fluoranthene	8270D	(ug/kg)	610000	<100U	<100U	<500UD	<500UD	<500UD
Benzyl alcohol	8270D	(ug/kg)	3100000	<100U	<100U	<500UD	<500UD	<500UD
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000	<100U	<100U	<500UD	<500UD	<500UD
Bis(2-chloroethyl)ether	8270D	(ug/kg)	55	<100U#	<100U#	<500UD#	<500UD#	<500UD#
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)		<100U	<100U	<500UD	<500UD	<500UD
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	130000	<330U	<330U	<1600UD	<1600UD	<1600UD
Butylbenzylphthalate	8270D	(ug/kg)	10000000	<100U	<100U	<500UD	<500UD	<500UD
Chrysene	8270D	(ug/kg)	230000	<100U	<100U	<500UD	<500UD	<500UD
Dibenzo(a,h)anthracene	8270D	(ug/kg)	160000	<100U	<100U	<500UD	<500UD	<500UD
Dibenzofuran	8270D	(ug/kg)	670000	<100U	<100U	<500UD	<500UD	<500UD
Diethyl phthalate	8270D	(ug/kg)	500000	<100U	<100U	<500UD	<500UD	<500UD
Dimethyl phthalate	8270D	(ug/kg)	670000	<100U	<100U	<500UD	<500UD	<500UD
Di-n-butyl phthalate	8270D	(ug/kg)	4100000	<330U	<330U	<1600UD	<1600UD	<1600UD
Di-n-octyl phthalate	8270D	(ug/kg)	10000000	<100U	<100U	<500UD	<500UD	<500UD
Diphenylamine	8270D	(ug/kg)	20000	<100U	<100U	<500UD	<500UD	<500UD
Fluoranthene	8270D	(ug/kg)	320000	<100U	<100U	<500UD	530D	750D
Fluorene	8270D	(ug/kg)	380000	<100U	<100U	<500UD	<500UD	<500UD

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg)	10.00	10.00	10.00	10.00	10.00
Hexachlorobenzene	8270D	(ug/kg)	960		<100U	<100U	<500UD	<500UD	<500UD
Hexachlorobutadiene	8270D	(ug/kg)	1200		<100U	<100U	<500UD	<500UD	<500UD
Hexachlorocyclopentadiene	8270D	(ug/kg)	91000		<100U	<100U	<500UD	<500UD	<500UD
Hexachloroethane	8270D	(ug/kg)	560		<100U	<100U	<500UD	<500UD	<500UD
Irideno(1,2,3-cd)pyrene	8270D	(ug/kg)	28000000		<100U	<100U	<500UD	<500UD	<500UD
Isophorone	8270D	(ug/kg)	10000		<100U	<100U	<500UD	<500UD	<500UD
m-Dichlorobenzene	8270D	(ug/kg)	61000		<100U	<100U	<500UD	<500UD	<500UD
m-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<2500UD#	<2500UD#	<2500UD#
Naphthalene	8270D	(ug/kg)	25000		<100U	<100U	<500UD	<500UD	<500UD
Nitrobenzene	8270D	(ug/kg)	5100		<100U	<100U	<500UD	<500UD	<500UD
N-Nitrosodipropylamine	8270D	(ug/kg)	37		<100U#	<100U#	<500UD#	<500UD#	<500UD#
o-Dichlorobenzene	8270D	(ug/kg)	60000		<100U	<100U	<500UD	<500UD	<500UD
o-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<2500UD#	<2500UD#	<2500UD#
p-Chloroaniline	8270D	(ug/kg)	52000		<100U	<100U	<500UD	<500UD	<500UD
p-Dichlorobenzene	8270D	(ug/kg)	10000		<100U	<100U	<500UD	<500UD	<500UD
Phenanthrene	8270D	(ug/kg)	10000000		<100U	<100U	<500UD	870D	<500UD
p-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<2500UD#	<2500UD#	<2500UD#
Pyrene	8270D	(ug/kg)	2200000		<100U	<100U	<500UD	620D	660D

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CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	05-PE-001:10	05-PE-002:10	05-PE-003:10	05-PE-004:10	05-PE-005:10
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg):	10.00	10.00	10.00	10.00	10.00
Phenol	9065	(mg/kg)	400		<0.7U	<0.684U	107D	<0.703U	<0.689U

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React Environmental Professional Services Group, Inc.

6901 Kingsessing Avenue, P.O. Box 5377, Philadelphia, PA 19142 654A Mount Road, Aston, PA 19014

ANALYTICAL CHEMISTRY REPORT

SAMPLING PERIOD: 3/31/2006

MATRIX: SOIL

COOPER GRANT PROJECT
FRONT STREET, CAMDEN, NJ

REPSG PROJECT No. 7254-002

METHODS:

EPA Method 418.1 - Total Petroleum Hydrocarbons (TPH)

EPA Method 6010B - Metals and Trace Elements by ICP/Atomic Emission Spectrometry

EPA Method 8260B - Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

EPA Method 8270D - Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

APPLICABLE REGULATORY REPORTING STANDARD:

PADEP Statewide Health Standards (SWHS): 25 PA Code Chapter 250 Tables 3A, 3B, 4A, 4B- Organic and Inorganic Constituents in Soil, Most Stringent Criteria of the Non-Residential Soil to Groundwater (Unsaturated Conditions) and Direct Contact (Subsurface Soil, 2-15 Feet) Pathways. Use Aquifer, Low Dissolved Solids (<2500).

EPA Method 418.1

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	06-PE-001.6	06-PE-002.6	06-PE-003.6	06-PE-004.6	06-PE-005.6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
TPH	418.1	(mg/kg)			73	160	210	240	<50U
CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	06-PE-006.6	06-PE-007.6	06-PE-008.6	06-PE-009.6	06-PE-010.6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
TPH	418.1	(mg/kg)			<50U	150	92	<50U	<50U

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CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	06-PE-001.6	06-PE-002.6	06-PE-003.6	06-PE-004.6	06-PE-005.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00

Total Solids	5035.75	(%)			91.9	90.5	89.8	90.6	90.5
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CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	06-PE-006.6	06-PE-007.6	06-PE-008.6	06-PE-009.6	06-PE-010.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00

Total Solids	5035.75	(%)			89.8	90.7	90.5	88.4	95
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EPA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	06-PE-001.6	06-PE-002.6	06-PE-003.6	06-PE-004.6	06-PE-005.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00

Antimony	6010B	(mg/kg)	27		7.75	10.2	65.6	7.65	9.23
Beryllium	6010B	(mg/kg)	320		0.55	0.38	0.47	0.4	0.23
Cadmium	6010B	(mg/kg)	38		<1U	<1U	<1U	<1U	<1U
Lead	6010B	(mg/kg)	450		59	690	3600	520	790
Nickel	6010B	(mg/kg)	650		15	10	9.8	9.3	8.8
Zinc	6010B	(mg/kg)	12000		56	150	120	130	140

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	06-PE-006.6	06-PE-007.6	06-PE-008.6	06-PE-009.6	06-PE-010.6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00

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QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). I = Estimated Value. . = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified as a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC) Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.



EPA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION					
				SAMPLE DATE					
				06-PE-006.6	06-PE-007.6	06-PE-008.6	06-PE-009.6	06-PE-010.6	
				03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006	
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
Ammony	6010B	(mg/kg)	27	<5U	10.7	<5U	<5U	<5U	
Beryllium	6010B	(mg/kg)	320	0.36	0.26	0.23	0.46	0.39	
Cadmium	6010B	(mg/kg)	38	<1U	<1U	<1U	<1U	<1U	
Lead	6010B	(mg/kg)	450	<5U	1000	54	32	27	
Nickel	6010B	(mg/kg)	650	9.4	7.6	8.1	12	9.9	
Zinc	6010B	(mg/kg)	12000	27	320	74	52	38	

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION					
				SAMPLE DATE					
				06-PE-001.6	06-PE-002.6	06-PE-003.6	06-PE-004.6	06-PE-005.6	
				03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006	
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
1,1,1-trichloroethane	8260B	(ug/kg)	20000	<170UD	<180UD	<180UD	<190UD	<180UD	
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	30	<170UD#	<180UD#	<180UD#	<190UD#	<180UD#	
1,1,2-Trichloroethane	8260B	(ug/kg)	500	<170UD	<180UD	<180UD	<190UD	<180UD	
1,1-Dichloroethane	8260B	(ug/kg)	11000	<170UD	<180UD	<180UD	<190UD	<180UD	
1,1-Dichloroethylene	8260B	(ug/kg)	700	<170UD	<180UD	<180UD	<190UD	<180UD	
1,2-Dichloroethane	8260B	(ug/kg)	500	<170UD	<180UD	<180UD	<190UD	<180UD	
1,2-Dichloropropane	8260B	(ug/kg)	500	<170UD	<180UD	<180UD	<190UD	<180UD	
2-Hexanone	8260B	(ug/kg)	670000	<830UD	<890UD	<900UD	<950UD	<890UD	
Acetone	8260B	(ug/kg)	1000000	<8300UD	<8900UD	<9000UD	<9500UD	<8900UD	
Benzene	8260B	(ug/kg)	500	<83UD	<89UD	<90UD	<95UD	<89UD	

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y- Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION					
				SAMPLE DATE:					
				06-PE-001:6	06-PE-002:6	06-PE-003:6	06-PE-004:6	06-PE-005:6	
				03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006	
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
Bromodichloromethane	8260B	(ug/kg)	10000		<83UD	<89UD	<90UD	<95UD	<89UD
Bromoform	8260B	(ug/kg)	10000		<170UD	<180UD	<180UD	<190UD	<180UD
Carbon disulfide	8260B	(ug/kg)	410000		<1200UD	<1300UD	<1300UD	<1400UD	<1300UD
Carbon tetrachloride	8260B	(ug/kg)	500		<170UD	<180UD	<180UD	<190UD	<180UD
Chlorobenzene	8260B	(ug/kg)	10000		<170UD	<180UD	<180UD	<190UD	<180UD
Chloroethane	8260B	(ug/kg)	90000		<330UD	<360UD	<360UD	<380UD	<360UD
Chloroform	8260B	(ug/kg)	10000		<170UD	<180UD	<180UD	<190UD	<180UD
cis-1,2-Dichloroethylene	8260B	(ug/kg)	7000		<170UD	<180UD	<180UD	<190UD	<180UD
cis-1,3-Dichloropropene	8260B	(ug/kg)			<170UD	<180UD	<180UD	<190UD	<180UD
Dibromochloromethane	8260B	(ug/kg)	10000		<170UD	<180UD	<180UD	<190UD	<180UD
Ethylbenzene	8260B	(ug/kg)	70000		<170UD	<180UD	<180UD	<190UD	<180UD
Methyl bromide	8260B	(ug/kg)	1000		<250UD	<270UD	<270UD	<280UD	<270UD
Methyl chloride	8260B	(ug/kg)	300		<830UD#	<890UD#	<900UD#	<950UD#	<890UD#
Methyl ethyl ketone	8260B	(ug/kg)	580000		<8300UD	<8900UD	<9000UD	<9500UD	<8900UD
Methyl isobutyl ketone (MIBK)	8260B	(ug/kg)	41000		<830UD	<890UD	<900UD	<950UD	<890UD
Methyl tert-butyl ether	8260B	(ug/kg)	2000		<170UD	<180UD	<180UD	<190UD	<180UD
Methylene chloride	8260B	(ug/kg)	500		<2500UD#	<2700UD#	<2700UD#	<2800UD#	<2700UD#
Styrene	8260B	(ug/kg)	24000		<170UD	<180UD	<180UD	<190UD	<180UD
Tetrachloroethylene	8260B	(ug/kg)	500		<83UD	170D	140D	130D	520D
Toluene	8260B	(ug/kg)	100000		<170UD	<180UD	<180UD	<190UD	<180UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	10000		<170UD	<180UD	<180UD	<190UD	<180UD
trans-1,3-Dichloropropene	8260B	(ug/kg)			<170UD	<180UD	<180UD	<190UD	<180UD

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL) J = Estimated Value _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL) D = Compound identified as a secondary dilution factor. B = Analyte reported in associated field or trip blank N = Tentatively Identified Compound (TIC) Y = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	06-PE-001:6	06-PE-002:6	06-PE-003:6	06-PE-004:6	06-PE-005:6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
Trichloroethylene	8260B	(ug/kg)	500		<83UD	<89UD	120D	<95UD	310D
Trichlorofluoromethane	8260B	(ug/kg)	200000		<170UD	<180UD	<180UD	<190UD	<180UD
Vinyl chloride	8260B	(ug/kg)	200		<170UD	<180UD	<180UD	<190UD	<180UD
Xylene (total)	8260B	(ug/kg)	1000000		<500UD	<530UD	<540UD	<570UD	<530UD

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION	06-PE-006:6	06-PE-007:6	06-PE-008:6	06-PE-009:6	06-PE-010:6
				SAMPLE DATE	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
1,1,1-trichloroethane	8260B	(ug/kg)	20000		<170UD	<190UD	<180UD	<170UD	<200UD
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	30		<170UD#	<190UD#	<180UD#	<170UD#	<200UD#
1,1,2-Trichloroethane	8260B	(ug/kg)	500		<170UD	<190UD	<180UD	<170UD	<200UD
1,1-Dichloroethane	8260B	(ug/kg)	11000		<170UD	<190UD	<180UD	<170UD	<200UD
1,1-Dichloroethylene	8260B	(ug/kg)	700		<170UD	<190UD	<180UD	<170UD	<200UD
1,2-Dichloroethane	8260B	(ug/kg)	500		<170UD	<190UD	<180UD	<170UD	<200UD
1,2-Dichloropropane	8260B	(ug/kg)	500		<170UD	<190UD	<180UD	<170UD	<200UD
2-Hexanone	8260B	(ug/kg)	670000		<850UD	<970UD	<910UD	<870UD	<990UD
Acetone	8260B	(ug/kg)	1000000		<8500UD	<9700UD	<9100UD	<8700UD	<9900UD
Benzene	8260B	(ug/kg)	500		<85UD	<97UD	<91UD	<87UD	<99UD
Bromodichloromethane	8260B	(ug/kg)	10000		<85UD	<97UD	<91UD	<87UD	<99UD
Bromoform	8260B	(ug/kg)	10000		<170UD	<190UD	<180UD	<170UD	<200UD
Carbon disulfide	8260B	(ug/kg)	410000		<1300UD	<1500UD	<1400UD	<1300UD	<1500UD
Carbon tetrachloride	8260B	(ug/kg)	500		<170UD	<190UD	<180UD	<170UD	<200UD

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION					
				SAMPLE DATE					
				06-PE-006:6	06-PE-007:6	06-PE-008:6	06-PE-009:6	06-PE-010:6	
				03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006	
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
Chlorobenzene	8260B	(ug/kg)	10000		<170UD	<190UD	<180UD	<170UD	<200UD
Chloroethane	8260B	(ug/kg)	90000		<340UD	<390UD	<370UD	<350UD	<400UD
Chloroform	8260B	(ug/kg)	10000		<170UD	<190UD	<180UD	<170UD	<200UD
cis-1,2-Dichloroethylene	8260B	(ug/kg)	7000		<170UD	<190UD	<180UD	<170UD	<200UD
cis-1,3-Dichloropropene	8260B	(ug/kg)			<170UD	<190UD	<180UD	<170UD	<200UD
Dibromochloromethane	8260B	(ug/kg)	10000		<170UD	<190UD	<180UD	<170UD	<200UD
Ethylbenzene	8260B	(ug/kg)	70000		<170UD	<190UD	<180UD	<170UD	<200UD
Methyl bromide	8260B	(ug/kg)	1000		<250UD	<290UD	<270UD	<260UD	<300UD
Methyl chloride	8260B	(ug/kg)	300		<850UD#	<970UD#	<910UD#	<870UD#	<990UD#
Methyl ethyl ketone	8260B	(ug/kg)	580000		<850UD	<970UD	<910UD	<870UD	<990UD
Methyl isobutylketone (MIBK)	8260B	(ug/kg)	41000		<850UD	<970UD	<910UD	<870UD	<990UD
Methyl tert-butyl ether	8260B	(ug/kg)	2000		<170UD	<190UD	<180UD	<170UD	<200UD
Methylene chloride	8260B	(ug/kg)	500		<2500UD#	<2900UD#	<2700UD#	<2600UD#	<3000UD#
Styrene	8260B	(ug/kg)	24000		<170UD	<190UD	<180UD	<170UD	<200UD
Tetrachloroethylene	8260B	(ug/kg)	500		<85UD	<97UD	<91UD	<87UD	<99UD
Toluene	8260B	(ug/kg)	100000		<170UD	<190UD	<180UD	<170UD	<200UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	10000		<170UD	<190UD	<180UD	<170UD	<200UD
trans-1,3-Dichloropropene	8260B	(ug/kg)			<170UD	<190UD	<180UD	<170UD	<200UD
Trichloroethylene	8260B	(ug/kg)	500		<85UD	<97UD	<91UD	<87UD	<99UD
Trichlorofluoromethane	8260B	(ug/kg)	200000		<170UD	<190UD	<180UD	<170UD	<200UD
Vinyl chloride	8260B	(ug/kg)	200		<170UD	<190UD	<180UD	<170UD	<200UD
Xylene (total)	8260B	(ug/kg)	1000000		<510UD	<580UD	<550UD	<520UD	<600UD

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION					
				06-PE-001:6	06-PE-002:6	06-PE-003:6	06-PE-004:6	06-PE-005:6	
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006	
				SAMPLE DEPTH (Dg):	6.00	6.00	6.00	6.00	6.00
1,2,4-Trichlorobenzene	8270D	(ug/kg)	27000	<100U	<100U	<100U	<100U	<100U	
2,4-Dinitrotoluene	8270D	(ug/kg)	840	<100U	<100U	<100U	<100U	<100U	
2,6-Dinitrotoluene	8270D	(ug/kg)	10000	<100U	<100U	<100U	<100U	<100U	
2-Chloronaphthalene	8270D	(ug/kg)	18000000	<100U	<100U	<100U	<100U	<100U	
2-Methylnaphthalene	8270D	(ug/kg)	8000000	<100U	<100U	<100U	<100U	<100U	
3,3-Dichlorobenzidine	8270D	(ug/kg)	32000	<500U	<500U	<500U	<500U	<500U	
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
Acenaphthene	8270D	(ug/kg)	4700000	<100U	<100U	<100U	<100U	<100U	
Acenaphthylene	8270D	(ug/kg)	6900000	<100U	120	<100U	110	<100U	
Aniline	8270D	(ug/kg)	580	<100U	<100U	<100U	<100U	<100U	
Anthracene	8270D	(ug/kg)	350000	<100U	260	110	270	<100U	
Benzo(a)anthracene	8270D	(ug/kg)	320000	170	910	350	820	440	
Benzo(a)pyrene	8270D	(ug/kg)	46000	190	910	380	830	470	
Benzo(b)fluoranthene	8270D	(ug/kg)	170000	230	1300	500	1100	610	
Benzo(ghi)perylene	8270D	(ug/kg)	180000	120	610	270	540	310	
Benzo(k)fluoranthene	8270D	(ug/kg)	610000	<100U	350	180	380	220	
Benzyl alcohol	8270D	(ug/kg)	3100000	<100U	<100U	<100U	<100U	<100U	
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
Bis(2-chloroethyl)ether	8270D	(ug/kg)	55	<100U#	<100U#	<100U#	<100U#	<100U#	
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)		<100U	<100U	<100U	<100U	<100U	

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). I = Estimated Value _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION					
				SAMPLE DATE:	06-PE-001:6	06-PE-002:6	06-PE-003:6	06-PE-004:6	06-PE-005:6
				SAMPLE DEPTH (ft):	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				6.00	6.00	6.00	6.00	6.00	
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	130000	<330U	<330U	<330U	<330U	<330U	
Butylbenzylphthalate	8270D	(ug/kg)	1000000	<100U	<100U	<100U	<100U	<100U	
Chrysene	8270D	(ug/kg)	230000	180	910	380	770	460	
Dibenzo(a,h)anthracene	8270D	(ug/kg)	160000	<100U	170	<100U	150	<100U	
Dibenzofuran	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
Diethyl phthalate	8270D	(ug/kg)	500000	<100U	<100U	<100U	<100U	<100U	
Dimethyl phthalate	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
Di-n-butyl phthalate	8270D	(ug/kg)	4100000	<330U	<330U	<330U	<330U	<330U	
Di-n-octyl phthalate	8270D	(ug/kg)	10000000	<100U	<100U	<100U	<100U	<100U	
Diphenylamine	8270D	(ug/kg)	20000	<100U	<100U	<100U	<100U	<100U	
Fluoranthene	8270D	(ug/kg)	3200000	320	1800	780	1900	850	
Fluorene	8270D	(ug/kg)	3800000	<100U	<100U	<100U	<100U	<100U	
Hexachlorobenzene	8270D	(ug/kg)	960	<100U	<100U	<100U	<100U	<100U	
Hexachlorobiphenyl	8270D	(ug/kg)	1200	<100U	<100U	<100U	<100U	<100U	
Hexachlorocyclopentadiene	8270D	(ug/kg)	91000	<100U	<100U	<100U	<100U	<100U	
Hexachloroethane	8270D	(ug/kg)	560	<100U	<100U	<100U	<100U	<100U	
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	28000000	130	670	300	600	330	
Isophorone	8270D	(ug/kg)	10000	<100U	<100U	<100U	<100U	<100U	
m-Dichlorobenzene	8270D	(ug/kg)	61000	<100U	<100U	<100U	<100U	<100U	
m-Nitroaniline	8270D	(ug/kg)	580	<500U	<500U	<500U	<500U	<500U	
Naphthalene	8270D	(ug/kg)	25000	<100U	<100U	<100U	<100U	<100U	
Nitrobenzene	8270D	(ug/kg)	5100	<100U	<100U	<100U	<100U	<100U	

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QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				06-PE-001.6	06-PE-002.6	06-PE-003.6	06-PE-004.6	06-PE-005.6
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):				
				6.00	6.00	6.00	6.00	6.00
N-Nitrosodipropylamine	8270D	(ug/kg)	37	<100U#	<100U#	<100U#	<100U#	<100U#
o-Dichlorobenzene	8270D	(ug/kg)	60000	<100U	<100U	<100U	<100U	<100U#
o-Nitroaniline	8270D	(ug/kg)	580	<500U	<500U	<500U	<500U	<100U
p-Chloroaniline	8270D	(ug/kg)	52000	<100U	<100U	<100U	<100U	<500U
p-Dichlorobenzene	8270D	(ug/kg)	10000	<100U	<100U	<100U	<100U	<100U
Phenanthrene	8270D	(ug/kg)	10000000	270	1100	470	1100	470
p-Nitroaniline	8270D	(ug/kg)	580	<500U	<500U	<500U	<500U	<500U
Pyrene	8270D	(ug/kg)	2200000	310	1400	550	1200	670

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				06-PE-006.6	06-PE-007.6	06-PE-008.6	06-PE-009.6	06-PE-010.6
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):				
				6.00	6.00	6.00	6.00	6.00
1,2,4-Trichlorobenzene	8270D	(ug/kg)	27000	<100U	<100U	<100U	<100U	<100U
2,4-Dinitrotoluene	8270D	(ug/kg)	840	<100U	<100U	<100U	<100U	<100U
2,6-Dinitrotoluene	8270D	(ug/kg)	10000	<100U	<100U	<100U	<100U	<100U
2-Chloronaphthalene	8270D	(ug/kg)	18000000	<100U	<100U	<100U	<100U	<100U
2-Methylnaphthalene	8270D	(ug/kg)	8000000	<100U	<100U	120	<100U	<100U
3,3-Dichlorobenzidine	8270D	(ug/kg)	32000	<500U	<500U	<500U	<500U	<500U
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U
Acenaphthene	8270D	(ug/kg)	4700000	<100U	<100U	140	<100U	<100U
Acenaphthylene	8270D	(ug/kg)	6900000	<100U	<100U	210	<100U	<100U

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). I = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N = Tentatively Identified Compound (TIC). Y = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION					
				06-PE-006.6	06-PE-007.6	06-PE-008.6	06-PE-009.6	06-PE-010.6	
				SAMPLE DATE 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006	
				SAMPLE DEPTH (ft)	6.00	6.00	6.00	6.00	6.00
Aniline	8270D	(ug/kg)	580	<100U	<100U	<100U	<100U	<100U	
Anthracene	8270D	(ug/kg)	350000	<100U	180	450	<100U	<100U	
Benzo(a)anthracene	8270D	(ug/kg)	320000	<100U	440	1700	<100U	<100U	
Benzo(a)pyrene	8270D	(ug/kg)	46000	<100U	400	1500	<100U	<100U	
Benzo(b)fluoranthene	8270D	(ug/kg)	170000	<100U	510	1800	<100	<100U	
Benzo(ghi)perylene	8270D	(ug/kg)	180000	<100U	220	730	<100U	<100U	
Benzo(k)fluoranthene	8270D	(ug/kg)	610000	<100U	180	500	<100U	<100U	
Benzyl alcohol	8270D	(ug/kg)	3100000	<100U	<100U	<100U	<100U	<100U	
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
Bis(2-chloroethyl)ether	8270D	(ug/kg)	55	<100U#	<100U#	<100U#	<100U#	<100U#	
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)		<100U	<100U	<100U	<100U	<100U	
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	130000	<330U	<330U	<330U	<330U	<330U	
Butylbenzylphthalate	8270D	(ug/kg)	10000000	<100U	<100U	<100U	<100U	<100U	
Chrysene	8270D	(ug/kg)	230000	<100U	430	1700	<100U	<100U	
Dibenzo(a,h)anthracene	8270D	(ug/kg)	160000	<100U	<100U	240	<100U	<100U	
Dibenzofuran	8270D	(ug/kg)	670000	<100U	<100U	140	<100U	<100U	
Diethyl phthalate	8270D	(ug/kg)	500000	<100U	<100U	<100U	<100U	<100U	
Dimethyl phthalate	8270D	(ug/kg)	670000	<100U	<100U	<100U	<100U	<100U	
Di-n-butyl phthalate	8270D	(ug/kg)	4100000	<330U	<330U	<330U	<330U	<330U	
Di-n-octyl phthalate	8270D	(ug/kg)	10000000	<100U	<100U	<100U	<100U	<100U	
Diphenylamine	8270D	(ug/kg)	20000	<100U	<100U	<100U	<100U	<100U	
Fluoranthene	8270D	(ug/kg)	3200000	<100U	840	2100	140	<100U	

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	06-PE-006:6	06-PE-007:6	06-PE-008:6	06-PE-009:6	06-PE-010:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
Fluorene	8270D	(ug/kg)	3800000		<100U	<100U	250	<100U	<100U
Hexachlorobenzene	8270D	(ug/kg)	960		<100U	<100U	<100U	<100U	<100U
Hexachlorobutadiene	8270D	(ug/kg)	1200		<100U	<100U	<100U	<100U	<100U
Hexachlorocyclopentadiene	8270D	(ug/kg)	91000		<100U	<100U	<100U	<100U	<100U
Hexachloroethane	8270D	(ug/kg)	560		<100U	<100U	<100U	<100U	<100U
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	28000000		<100U	250	800	<100U	<100U
Isophorone	8270D	(ug/kg)	10000		<100U	<100U	<100U	<100U	<100U
m-Dichlorobenzene	8270D	(ug/kg)	61000		<100U	<100U	<100U	<100U	<100U
m-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
Naphthalene	8270D	(ug/kg)	25000		<100U	<100U	260	<100U	<100U
Nitrobenzene	8270D	(ug/kg)	5100		<100U	<100U	<100U	<100U	<100U
N-Nitrosodipropylamine	8270D	(ug/kg)	37		<100U#	<100U#	<100U#	<100U#	<100U#
o-Dichlorobenzene	8270D	(ug/kg)	60000		<100U	<100U	<100U	<100U	<100U
o-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
p-Chloroaniline	8270D	(ug/kg)	52000		<100U	<100U	<100U	<100U	<100U
p-Dichlorobenzene	8270D	(ug/kg)	10000		<100U	<100U	<100U	<100U	<100U
Phenanthrene	8270D	(ug/kg)	10000000		<100U	960	2200	<100U	<100U
p-Nitroaniline	8270D	(ug/kg)	580		<500U	<500U	<500U	<500U	<500U
Pyrene	8270D	(ug/kg)	2200000		<100U	900	3000	150	<100U

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CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	06-PE-001:6	06-PE-002:6	06-PE-003:6	06-PE-004:6	06-PE-005:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
Phenol	9065	(mg/kg)	400		<0.686U	<0.696U	<0.702U	<0.695U	<0.696U

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	06-PE-006:6	06-PE-007:6	06-PE-008:6	06-PE-009:6	06-PE-010:6
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	6.00	6.00	6.00	6.00	6.00
Phenol	9065	(mg/kg)	400		<0.702U	<0.695U	<0.696U	<0.713U	<0.663U

Exceedences of the Regulatory Standard are Printed in **Bold**.

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React Environmental Professional Services Group, Inc.

6901 Kingsessing Avenue, P.O. Box 5377, Philadelphia, PA 19142 * 654A Mount Road, Aston, PA 19014

ANALYTICAL CHEMISTRY REPORT

SAMPLING PERIOD: 3/31/2006

MATRIX: SOIL

COOPER GRANT PROJECT
FRONT STREET, CAMDEN, NJ

REPSG PROJECT No. 7254-002

METHODS:

EPA Method 418.1 - Total Petroleum Hydrocarbons (TPH)

EPA Method 6010B - Metals and Trace Elements by ICP/Atomic Emission Spectrometry

EPA Method 8260B - Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

EPA Method 8270D - Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

APPLICABLE REGULATORY REPORTING STANDARD:

PADEP Statewide Health Standards (SWHS): 25 PA Code Chapter 250 Tables 3A, 3B, 4A, 4B- Organic and Inorganic Constituents in Soil, Most Stringent Criteria of the Non-Residential Soil to Groundwater (Unsaturated Conditions) and Direct Contact (Surface Soil, 0-2 Feet) Pathways: Non-Use Aquifer.

EPA Method 418.1

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION SAMPLE DATE SAMPLE DEPTH (bgs)	PE-001.5 03/31/2006 0.50	PE-002.5 03/31/2006 0.50	PE-003.5 03/31/2006 0.50	PE-010.5 03/31/2006 0.50	PE-011.5 03/31/2006 0.50
TPH	418.1	(mg/kg)			560	1000D	72	---	---

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION SAMPLE DATE SAMPLE DEPTH (bgs)	PE-001.5 03/31/2006 0.50	PE-002.5 03/31/2006 0.50	PE-003.5 03/31/2006 0.50	PE-010.5 03/31/2006 0.50	PE-011.5 03/31/2006 0.50
Total Solids	5035 7.5	(%)			93.7	92.2	93	83.5	90

Exceedences of the Regulatory Standard are Printed in Bold.

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CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		
				PE-012.5	PE-013.5	PE-014.5
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		
				0.50	0.50	0.50
Total Solids	5035.7.5	(%)		93.5	91.1	93.3

EPA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				PE-001.5	PE-002.5	PE-003.5	PE-010.5	PE-011.5
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):				
				0.50	0.50	0.50	0.50	0.50
Antimony	6010B	(mg/kg)	1100	<5U	<5U	<5U	7.6	5.22
Beryllium	6010B	(mg/kg)	5600	0.37	0.34	0.3	0.74	0.43
Cadmium	6010B	(mg/kg)	210	<1U	2.2	<1U	<1U	<1U
Lead	6010B	(mg/kg)	1000	120	170	180	210	200
Nickel	6010B	(mg/kg)	56000	7.8	8	5.7	13	7.6
Zinc	6010B	(mg/kg)	190000	130	180	79	190	130

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		
				PE-012.5	PE-013.5	PE-014.5
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		
				0.50	0.50	0.50
Antimony	6010B	(mg/kg)	1100	<5U	<5U	<5U
Beryllium	6010B	(mg/kg)	5600	0.37	0.37	0.37
Cadmium	6010B	(mg/kg)	210	<1U	<1U	1.7
Lead	6010B	(mg/kg)	1000	96	62	160
Nickel	6010B	(mg/kg)	56000	8.3	7.3	10

Exceedences of the Regulatory Standard are Printed in **Bold**.

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EPA Method 6010B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION		
				PE-012..5	PE-013..5	PE-014..5
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		
				0.50	0.50	0.50
Zinc	6010B	(mg/kg)	190000	120	82	160

EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION				
				PE-001..5	PE-002..5	PE-003..5	PE-010..5	PE-011..5
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):				
				0.50	0.50	0.50	0.50	0.50
1,1,1-trichloroethane	8260B	(ug/kg)	200000	<210UD	<190UD	<190UD	<180UD	<170UD
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	3000	<210UD	<190UD	<190UD	<180UD	<170UD
1,1,2-Trichloroethane	8260B	(ug/kg)	5000	<210UD	<190UD	<190UD	<180UD	<170UD
1,1-Dichloroethane	8260B	(ug/kg)	110000	<210UD	<190UD	<190UD	<180UD	<170UD
1,1-Dichloroethylene	8260B	(ug/kg)	7000	<210UD	<190UD	<190UD	<180UD	<170UD
1,2-Dichloroethane	8260B	(ug/kg)	5000	<210UD	<190UD	<190UD	<180UD	<170UD
1,2-Dichloropropane	8260B	(ug/kg)	5000	<210UD	<190UD	<190UD	<180UD	<170UD
2-Hexanone	8260B	(ug/kg)	670000	<1000UD	<950UD	<960UD	<900UD	<870UD
Acetone	8260B	(ug/kg)	1000000	<1000UD	<950UD	<960UD	<900UD	<870UD
Benzene	8260B	(ug/kg)	50000	160D	<95UD	<96UD	<90UD	<87UD
Bromodichloromethane	8260B	(ug/kg)	10000	<100UD	<95UD	<96UD	<90UD	<87UD
Bromoform	8260B	(ug/kg)	1000000	<210UD	<190UD	<190UD	<180UD	<170UD
Carbon disulfide	8260B	(ug/kg)	410000	<1500UD	<1400UD	<1400UD	<1300UD	<1300UD
Carbon tetrachloride	8260B	(ug/kg)	5000	<210UD	<190UD	<190UD	<180UD	<170UD
Chlorobenzene	8260B	(ug/kg)	1000000	<210UD	<190UD	<190UD	<180UD	<170UD

Exceedences of the Regulatory Standard are Printed in Bold.

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EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				SAMPLE DATE				
				PE-001..5	PE-002..5	PE-003..5	PE-010..5	PE-011..5
				03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				0.50	0.50	0.50	0.50	0.50
Chloroethane	8260B	(ug/kg)	9000000	<410UD	<380UD	<380UD	<360UD	<350UD
Chloroform	8260B	(ug/kg)	17000	<210UD	<190UD	<190UD	<180UD	<170UD
cis-1,2-Dichloroethylene	8260B	(ug/kg)	70000	<210UD	<190UD	<190UD	<180UD	<170UD
cis-1,3-Dichloropropene	8260B	(ug/kg)		<210UD	<190UD	<190UD	<180UD	<170UD
Dibromochloromethane	8260B	(ug/kg)	61000	<210UD	<190UD	<190UD	<180UD	<170UD
Ethylbenzene	8260B	(ug/kg)	7000000	<210UD	<190UD	<190UD	<180UD	<170UD
Methyl bromide	8260B	(ug/kg)	100000	<310UD	<290UD	<290UD	<270UD	<260UD
Methyl chloride	8260B	(ug/kg)	30000	<1000UD	<950UD	<960UD	<900UD	<870UD
Methyl ethyl ketone	8260B	(ug/kg)	10000000	<10000UD	<9500UD	<9600UD	<9000UD	<8700UD
Methyl isobutylketone (MIBK)	8260B	(ug/kg)	1100000	<1000UD	<950UD	<960UD	<900UD	<870UD
Methyl tert-butyl ether	8260B	(ug/kg)	20000	<210UD	<190UD	<190UD	<180UD	<170UD
Methylene chloride	8260B	(ug/kg)	50000	<3100UD	<2900UD	<2900UD	<2700UD	<2600UD
Styrene	8260B	(ug/kg)	2400000	<210UD	<190UD	<190UD	<180UD	<170UD
Tetrachloroethylene	8260B	(ug/kg)	5000	300D	150D	140D	160D	190D
Toluene	8260B	(ug/kg)	10000000	290D	220D	<190UD	<180UD	<170UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	100000	<210UD	<190UD	<190UD	<180UD	<170UD
trans-1,3-Dichloropropene	8260B	(ug/kg)		<210UD	<190UD	<190UD	<180UD	<170UD
Trichloromethylene	8260B	(ug/kg)	5000	<100UD	<95UD	<96UD	<90UD	<87UD
Trichlorofluoromethane	8260B	(ug/kg)	10000000	<210UD	<190UD	<190UD	<180UD	<170UD
Vinyl chloride	8260B	(ug/kg)	2000	<210UD	<190UD	<190UD	<180UD	<170UD
Xylene (total)	8260B	(ug/kg)	10000000	<620UD	<570UD	<580UD	<540UD	<520UD
Total TICS - 8260	8260B	(ug/kg)		---	---	---	---	---

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EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION			
				SAMPLE DATE:	PE-012..5	PE-013..5	PE-014..5
				SAMPLE DEPTH (ft):	03/31/2006	03/31/2006	03/31/2006
				0.50	0.50	0.50	
1,1,1-trichloroethane	8260B	(ug/kg)	200000	<180UD	<170UD	<180UD	
1,1,2,2-Tetrachloroethane	8260B	(ug/kg)	3000	<180UD	<170UD	<180UD	
1,1,2-Trichloroethane	8260B	(ug/kg)	5000	<180UD	<170UD	<180UD	
1,1-Dichloroethane	8260B	(ug/kg)	110000	<180UD	<170UD	<180UD	
1,1-Dichloroethylene	8260B	(ug/kg)	7000	<180UD	<170UD	<180UD	
1,2-Dichloroethane	8260B	(ug/kg)	5000	<180UD	<170UD	<180UD	
1,2-Dichloropropane	8260B	(ug/kg)	5000	<180UD	<170UD	<180UD	
2-Hexanone	8260B	(ug/kg)	60000	<880UD	<860UD	<900UD	
Acetone	8260B	(ug/kg)	1000000	<880UD	<860UD	<900UD	
Benzene	8260B	(ug/kg)	50000	<88UD	<86UD	<90UD	
Bromodichloromethane	8260B	(ug/kg)	10000	<88UD	<86UD	<90UD	
Bromoform	8260B	(ug/kg)	1000000	<180UD	<170UD	<180UD	
Carbon disulfide	8260B	(ug/kg)	410000	<1300UD	<1300UD	<1400UD	
Carbon tetrachloride	8260B	(ug/kg)	5000	<180UD	<170UD	<180UD	
Chlorobenzene	8260B	(ug/kg)	1000000	<180UD	<170UD	<180UD	
Chloroethane	8260B	(ug/kg)	2000000	<350UD	<340UD	<360UD	
Chloroform	8260B	(ug/kg)	17000	<180UD	<170UD	<180UD	
cis-1,2-Dichloroethylene	8260B	(ug/kg)	70000	<180UD	<170UD	<180UD	
cis-1,3-Dichloropropene	8260B	(ug/kg)		<180UD	<170UD	<180UD	
Dibromochloromethane	8260B	(ug/kg)	61000	<180UD	<170UD	<180UD	
Ethylbenzene	8260B	(ug/kg)	7000000	<180UD	<170UD	<180UD	
Methyl bromide	8260B	(ug/kg)	100000	<260UD	<260UD	<270UD	

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EPA Method 8260B

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		
				PE-012..5	PE-013..5	PE-014..5
				SAMPLE DATE 03/31/2006	SAMPLE DATE 03/31/2006	SAMPLE DATE 03/31/2006
				SAMPLE DEPTH (ft)	SAMPLE DEPTH (ft)	SAMPLE DEPTH (ft)
				0.50	0.50	0.50
Methyl chloride	8260B	(ug/kg)	30000	<880UD	<860UD	<900UD
Methyl-ethyl ketone	8260B	(ug/kg)	10000000	<8800UD	<8600UD	<9000UD
Methyl isobutylketone (MIBK)	8260B	(ug/kg)	4100000	<880UD	<860UD	<900UD
Methyl tert-butyl ether	8260B	(ug/kg)	20000	<180UD	<170UD	<180UD
Methylene chloride	8260B	(ug/kg)	50000	<2600UD	<2600UD	<2700UD
Styrene	8260B	(ug/kg)	2400000	<180UD	<170UD	<180UD
Tetrachloroethylene	8260B	(ug/kg)	5000	410D	450D	290D
Toluene	8260B	(ug/kg)	10000000	<180UD	<170UD	<180UD
trans-1,2-Di-chloroethylene	8260B	(ug/kg)	100000	<180UD	<170UD	<180UD
trans-1,3-Dichloropropene	8260B	(ug/kg)		<180UD	<170UD	<180UD
Trichloroethylene	8260B	(ug/kg)	5000	<88UD	<86UD	130D
Trichlorofluoromethane	8260B	(ug/kg)	10000000	<180UD	<170UD	<180UD
Vinyl chloride	8260B	(ug/kg)	2000	<180UD	<170UD	<180UD
Xylene (total)	8260B	(ug/kg)	10000100	<530UD	<520UD	<540UD
Total TICS - 8260	8260B	(ug/kg)		---	---	---

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:				
				PE-001..5	PE-002..5	PE-003..5	PE-010..5	PE-011..5
				SAMPLE DATE 03/31/2006	SAMPLE DATE 03/31/2006	SAMPLE DATE 03/31/2006	SAMPLE DATE 03/31/2006	SAMPLE DATE 03/31/2006
				SAMPLE DEPTH (ft)	SAMPLE DEPTH (ft)	SAMPLE DEPTH (ft)	SAMPLE DEPTH (ft)	SAMPLE DEPTH (ft)
				0.50	0.50	0.50	0.50	0.50
1,2,4-Trichlorobenzene	8270D	(ug/kg)	10000000	<500UD	<500UD	<100U	<100U	<100U

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:					
				PE-001..5	PE-002..5	PE-003..5	PE-010..5	PE-011..5	
				SAMPLE DATE: 03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006	
				SAMPLE DEPTH (ft):	0.50	0.50	0.50	0.50	0.50
2,4-Dinitrotoluene	8270D	(ug/kg)	200000	<500UD	<500UD	<100U	<100U	<100U	
2,6-Dinitrotoluene	8270D	(ug/kg)	2000000	<500UD	<500UD	<100U	<100U	<100U	
2-Chloronaphthalene	8270D	(ug/kg)	18000000	<500UD	<500UD	<100U	<100U	<100U	
2-Methylnaphthalene	8270D	(ug/kg)	8000000	<500UD	<500UD	<100U	<100U	<100U	
3,3-Dichlorobenzidine	8270D	(ug/kg)	180000	<2500UD	<2500UD	<500U	<500U	<500U	
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000	<500UD	<500UD	<100U	<100U	<100U	
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000	<500UD	<500UD	<100U	<100U	<100U	
Acenaphthene	8270D	(ug/kg)	4700000	<500UD	<500UD	<100U	<100U	<100U	
Acenaphthylene	8270D	(ug/kg)	18000000	<500UD	<500UD	<100U	<100U	<100U	
Aniline	8270D	(ug/kg)	580	<500UD	<500UD	<100U	<100U	<100U	
Anthracene	8270D	(ug/kg)	350000	<500UD	730D	190	130	210	
Benzo(a)anthracene	8270D	(ug/kg)	110000	1200D	3000D	730	510	850	
Benzo(a)pyrene	8270D	(ug/kg)	11000	1400D	3900D	880	630	1000	
Benzo(b)fluoranthene	8270D	(ug/kg)	110000	1800D	5100D	1200	790	1300	
Benzo(ghi)perylene	8270D	(ug/kg)	180000	970D	2600D	540	370	480	
Benzo(k)fluoranthene	8270D	(ug/kg)	610000	560D	1600D	420	290	470	
Benzyl alcohol	8270D	(ug/kg)	3100000	<500UD	<500UD	<100U	<100U	<100U	
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000	<500UD	<500UD	<100U	<100U	<100U	
Bis(2-chloroethyl)ether	8270D	(ug/kg)	5000	<500UD	<500UD	<100U	<100U	<100U	
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)		<500UD	<500UD	<100U	<100U	<100U	
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	5700000	<1600UD	<1600UD	<330U	<330U	<330U	
Butylbenzylphthalate	8270D	(ug/kg)	10000000	<500UD	<500UD	<100U	<100U	<100U	

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N = Tentatively Identified Compound (TIC). Y = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.



EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION				
				PE-001:5 PE-002:5 PE-003:5 PE-010:5 PE-011:5				
				SAMPLE DATE: 03/31/2006	SAMPLE DATE: 03/31/2006	SAMPLE DATE: 03/31/2006	SAMPLE DATE: 03/31/2006	SAMPLE DATE: 03/31/2006
				SAMPLE DEPTH (ft): 0.50	SAMPLE DEPTH (ft): 0.50	SAMPLE DEPTH (ft): 0.50	SAMPLE DEPTH (ft): 0.50	SAMPLE DEPTH (ft): 0.50
Chrysène	8270D	(ug/kg)	230000	1000D	2700D	750	490	870
Dibenzo(a,h)anthracene	8270D	(ug/kg)	11000	<500UD	690D	160	130	180
Dibenzofuran	8270D	(ug/kg)	670000	<500UD	<500UD	<100U	<100U	<100U
Diethyl phthalate	8270D	(ug/kg)	10000000	<500UD	<500UD	<100U	<100U	<100U
Dimethyl phthalate	8270D	(ug/kg)	670000	<500UD	<500UD	<100U	<100U	<100U
Di-n-butyl phthalate	8270D	(ug/kg)	10000000	<1600UD	2500D	2100	720	1400
Di-n-octyl phthalate	8270D	(ug/kg)	10000000	<500UD	<500UD	<100U	<100U	<100U
Diphenylamine	8270D	(ug/kg)	20000000	<500UD	<500UD	<100U	<100U	<100U
Fluoranthene	8270D	(ug/kg)	3200000	2600D	6900D	1900	1200	2000
Fluorene	8270D	(ug/kg)	3800000	<500UD	<500UD	<100U	<100U	<100U
Hexachlorobenzene	8270D	(ug/kg)	5800	<500UD	<500UD	<100U	<100U	<100U
Hexachlorobutadiene	8270D	(ug/kg)	560000	<500UD	<500UD	<100U	<100U	<100U
Hexachlorocyclopentadiene	8270D	(ug/kg)	3300000	<500UD	<500UD	<100U	<100U	<100U
Hexachloroethane	8270D	(ug/kg)	56000	<500UD	<500UD	<100U	<100U	<100U
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	110000	1100D	3000D	650	430	580
Isophorone	8270D	(ug/kg)	10000000	<500UD	<500UD	<100U	<100U	<100U
m-Dichlorobenzene	8270D	(ug/kg)	6100000	<500UD	<500UD	<100U	<100U	<100U
m-Nitroaniline	8270D	(ug/kg)	580	<2500UD#	<2500UD#	<500U	<500U	<500U
Naphthalene	8270D	(ug/kg)	7500000	<500UD	<500UD	<100U	<100U	<100U
Nitrobenzene	8270D	(ug/kg)	1400000	<500UD	<500UD	<100U	<100U	<100U
N-Nitrosodipropylamine	8270D	(ug/kg)	11000	<500UD	<500UD	<100U	<100U	<100U
o-Dichlorobenzene	8270D	(ug/kg)	6000000	<500UD	<500UD	<100U	<100U	<100U

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.



EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		PE-001.5	PE-002.5	PE-003.5	PE-010.5	PE-011.5
				SAMPLE DATE:		03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		0.50	0.50	0.50	0.50	0.50
o-Nitroaniline	8270D	(ug/kg)	580			<2500UD#	<2500UD#	<500U	<500U	<500U
p-Chloroaniline	8270D	(ug/kg)	52000			<500UD	<500UD	<100U	<100U	<100U
p-Dichlorobenzene	8270D	(ug/kg)	1000000			<500UD	<500UD	<100U	<100U	<100U
Phenanthrene	8270D	(ug/kg)	10000000			1200D	2700D	880	590	1200
p-Nitroaniline	8270D	(ug/kg)	580			<2500UD#	<2500UD#	<500U	<500U	<500U
Pyrene	8270D	(ug/kg)	2200000			1700D	4300D	1100	770	1500
Total TICS - 8270	8270D	(ug/kg)				1800	8800	2270	930	12770

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:		PE-012.5	PE-013.5	PE-014.5
				SAMPLE DATE:		03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):		0.50	0.50	0.50
1,2,4-Trichlorobenzene	8270D	(ug/kg)	1000000			<500UD	<500UD	<100U
2,4-Dinitrotoluene	8270D	(ug/kg)	260000			<500UD	<500UD	<100U
2,6-Dinitrotoluene	8270D	(ug/kg)	2800000			<500UD	<500UD	<100U
2-Chloronaphthalene	8270D	(ug/kg)	1800000			<500UD	<500UD	<100U
2-Methylnaphthalene	8270D	(ug/kg)	8000000			<500UD	<500UD	<100U
3,3-Dichlorobenzidine	8270D	(ug/kg)	180000			<2500UD	<2500UD	<500U
4-Bromophenyl phenyl ether	8270D	(ug/kg)	670000			<500UD	<500UD	<100U
4-Chlorophenyl phenyl ether	8270D	(ug/kg)	670000			<500UD	<500UD	<100U
Acenaphthene	8270D	(ug/kg)	4700000			<500UD	<500UD	190
Acenaphthylene	8270D	(ug/kg)	18000000			<500UD	<500UD	230
Aniline	8270D	(ug/kg)	580			<500UD	<500UD	<100U

Exceedences of the Regulatory Standard are Primed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). J = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N = Tentatively Identified Compound (TIC). Y = Tentatively Identified Compound (TIC) also identified in Method Blank. # = PQL exceeds the reporting standard.



EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-012..5	PE-013..5	PE-014..5
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ft):	0.50	0.50	0.50
Anthracene	8270D	(ug/kg)	350000		<500UD	<500UD	490
Benzo(a)anthracene	8270D	(ug/kg)	110000		620D	330D	1600
Benzo(a)pyrene	8270D	(ug/kg)	11000		860D	660D	2100
Benzo(b)fluoranthene	8270D	(ug/kg)	110000		1100D	810D	2800
Benzo(ghi)perylene	8270D	(ug/kg)	180000		<500UD	<500UD	840
Benzo(k)fluoranthene	8270D	(ug/kg)	610000		<500UD	<500UD	890
Benzyl alcohol	8270D	(ug/kg)	3100000		<500UD	<500UD	<100U
Bis(2-chloroethoxy)methane	8270D	(ug/kg)	670000		<500UD	<500UD	<100U
Bis(2-chloroethyl)ether	8270D	(ug/kg)	5000		<500UD	<500UD	<100U
Bis(2-chloroisopropyl)ether	8270D	(ug/kg)			<500UD	<500UD	<100U
Bis(2-ethylhexyl)phthalate(BEHP)	8270D	(ug/kg)	5700000		<1600UD	<1600UD	600
Butylbenzylphthalate	8270D	(ug/kg)	10000000		<500UD	<500UD	<100U
Chrysene	8270D	(ug/kg)	230000		600D	<500UD	1400
Dibenzo(a,h)anthracene	8270D	(ug/kg)	11000		<500UD	<500UD	280
Dibenzofuran	8270D	(ug/kg)	670000		<500UD	<500UD	110
Diethyl phthalate	8270D	(ug/kg)	10000000		<500UD	<500UD	<100U
Dimethyl phthalate	8270D	(ug/kg)	670000		<500UD	<500UD	<100U
Di-n-butyl phthalate	8270D	(ug/kg)	10000000		<1600UD	<1600UD	2400
Di-n-octyl phthalate	8270D	(ug/kg)	10000000		<500UD	<500UD	<100U
Diphenylamine	8270D	(ug/kg)	20000000		<500UD	<500UD	<100U
Fluoranthene	8270D	(ug/kg)	3200000		1700D	1300D	4300
Fluorene	8270D	(ug/kg)	3800000		<500UD	<500UD	220

Exceedences of the Regulatory Standard are Printed in **Bold**.

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EPA Method 8270D

CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-012..5	PE-013..5	PE-014..5
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (ftg):	0.50	0.50	0.50
Hexachlorobenzene	8270D	(ug/kg)	5800		<500UD	<500UD	<100U
Hexachlorobutadiene	8270D	(ug/kg)	560000		<500UD	<500UD	<100U
Hexachlorocyclopentadiene	8270D	(ug/kg)	3300000		<500UD	<500UD	<100U
Hexachloroethane	8270D	(ug/kg)	56000		<500UD	<500UD	<100U
Indeno(1,2,3-cd)pyrene	8270D	(ug/kg)	110000		580D	<500UD	1100
Isophorone	8270D	(ug/kg)	10000000		<500UD	<500UD	<100U
m-Dichlorobenzene	8270D	(ug/kg)	6100000		<500UD	<500UD	<100U
m-Nitroaniline	8270D	(ug/kg)	580		<2500UD#	<2500UD#	<500U
Naphthalene	8270D	(ug/kg)	7500000		<500UD	<500UD	<100U
Nitrobenzene	8270D	(ug/kg)	1400000		<500UD	<500UD	<100U
N-Nitrosodipropylamine	8270D	(ug/kg)	11000		<500UD	<500UD	<100U
o-Dichlorobenzene	8270D	(ug/kg)	6000000		<500UD	<500UD	<100U
o-Nitroaniline	8270D	(ug/kg)	580		<2500UD#	<2500UD#	<500U
p-Chloroaniline	8270D	(ug/kg)	52000		<500UD	<500UD	<100U
p-Dichlorobenzene	8270D	(ug/kg)	1000000		<500UD	<500UD	<100U
Phenanthrene	8270D	(ug/kg)	10000000		630D	530D	1700
p-Nitroaniline	8270D	(ug/kg)	580		<2500UD#	<2500UD#	<500U
Pyrene	8270D	(ug/kg)	2200000		870D	730D	2600
Total TICS - 8270	8270D	(ug/kg)			---	---	17800

Exceedences of the Regulatory Standard are Printed in **Bold**.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). I = Estimated Value. _ = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank. N - Tentatively Identified Compound (TIC). Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.



CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-001:5	PE-002:5	PE-003:5	PE-010:5	PE-011:5
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006	03/31/2006	03/31/2006
				SAMPLE DEPTH (fbg):	0.50	0.50	0.50	0.50	0.50
Phenol	9065	(mg/kg)	40000		<0.672U	<0.683U	<0.677U	<0.737U	<0.7U
CONSTITUENT	METHOD	UNITS	*STANDARD	SAMPLE LOCATION:	PE-012:5	PE-013:5	PE-014:5		
				SAMPLE DATE:	03/31/2006	03/31/2006	03/31/2006		
				SAMPLE DEPTH (fbg):	0.50	0.50	0.50		
Phenol	9065	(mg/kg)	40000		<0.674U	<0.692U	<0.675U		

Exceedences of the Regulatory Standard are Printed in Bold.

QUALIFIERS: U = Constituent not detected above Practical Quantitation Limit (PQL). I = Estimated Value — = Indicates that the reported concentration is the Practical Quantitation Limit (PQL). D = Compound identified at a secondary dilution factor. B = Analyte reported in associated field or trip blank N - Tentatively Identified Compound (TIC) Y - Tentatively Identified Compound (TIC) also identified in Method Blank. # - PQL exceeds the reporting standard.

APPENDIX F

**Analytical Results/Disposal Manifests-AOC-B1/B2/B3
(EHS Environmental Inc., March 22, 2006)**

EHS ENVIRONMENTAL, INC.

9 SOUTH MAIN STREET • MULLICA HILL, NJ • 08062
856-223-0080 FAX 856-223-0885

March 22, 2006

Mr. Charles Lewis
Pennrose Properties, LLC
One Brewery Park
1301 N. 31st Street
Philadelphia, PA 19102-4495

Re: Cooper Grant, 308-322 N. Front Street, Camden, NJ

Dear Mr. Lewis:

Enclosed please find the disposal manifests for the soil associated with the removal of the underground storage tanks. This includes the removal of one 8,000 gallon registered diesel storage tank, the removal of one 1,000 gallon heating oil storage tank, and the removal of one 500 gallon heating oil storage tank from the Cooper Grant Site located in Camden, New Jersey. Please be advised that the report for the removal of the 8,000 gallon registered diesel storage tank was sent previously and that this document represents the disposal of the contaminated soil.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Jack F. Carney

Cc: Terrence M. Vogt, Remington & Vernick
Olivette Simpson, Camden Redevelopment Authority

**ANALYTICAL RESULTS
FOR DISPOSAL PARAMETERS**

EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Phone: (856) 868-4800 Fax: (856) 858-4571 Email: swesson@emsl.com**EMSL**

Attn: **Raymond Duchaine**
ENVision, Inc.
130 Hickman Road
Suite 26
Claymont, DE 19703

Customer ID: EVIS62
 Customer PO:
 Received: 02/10/05 11:06 AM
 EMSL Order: 010500466

Fax: (302) 791-9937 Phone: (302) 791-9939

EMSL Proj: Pennrose - Cooper Grant

Report Date: 2/24/05

Client Sample Description PC-1

Lab ID: 0001

Test	Method	Parameter	Concentration	Units	Analysis Date/Time	Notes
Total Solids	2540B	Total Solids	88	%	2/11/05 03:30 PM	
TCLP Metals-Arsenic, TCLP	6010B	Arsenic	<0.080	mg/L	2/17/05 11:51 AM	
Arsenic, Total	6010B	Arsenic	5.56	mg/Kg	2/14/05 02:56 PM	
TCLP Metals-Barium, TCLP	6010B	Barium	<1.00	mg/L	2/17/05 11:51 AM	
Beryllium, Total	6010B	Beryllium	0.509	mg/Kg	2/14/05 02:56 PM	
TCLP Metals-Cadmium, TCLP	6010B	Cadmium	<0.040	mg/L	2/17/05 11:51 AM	
Cadmium, Total	6010B	Cadmium	<0.452	mg/Kg	2/14/05 02:56 PM	
TCLP Metals-Chromium, TCLP	6010B	Chromium	<0.100	mg/L	2/17/05 11:51 AM	
TCLP Metals-Lead, TCLP	6010B	Lead	0.385	mg/L	2/17/05 11:51 AM	
Lead, Total	6010B	Lead	127	mg/Kg	2/14/05 02:56 PM	
Nickel, Total	6010B	Nickel	7.79	mg/Kg	2/14/05 02:56 PM	
TCLP Metals-Selenium, TCLP	6010B	Selenium	<0.200	mg/L	2/17/05 11:51 AM	
TCLP Metals-Silver, TCLP	6010B	Silver	<0.100	mg/L	2/17/05 11:51 AM	
Zinc, Total	6010B	Zinc	112	mg/Kg	2/14/05 02:56 PM	
TCLP Metals-Mercury, TCLP	7471A	Mercury	<0.002	mg/L	2/17/05 01:49 PM	
PCB	8082	See Attached			2/23/05 01:01 AM	
VOA	8260B	See Attached				

ChemSmplw/QC-1

Page 2 of 4

EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: sweston@emsl.com



Attn: **Raymond Duchaine**
ENVision, Inc.
130 Hickman Road
Suite 26
Claymont, DE 19703

Fax: (302) 791-9937

Phone: (302) 791-9939

Customer ID: EVIS62
Customer PO:
Received: 02/10/05 11:06 AM
EMSL Order: 010500466

EMSL Proj: Pennrose - Cooper Grant

Report Date: 2/24/05

Client Sample Description PC-1

Lab ID: 0001

Test	Method	Parameter	Concentration	Units	Analysis Date/Time	Notes
SVOA	8270C PAH	See Attached			2/14/05 09:05 PM	
Paint Filter Test	9095A	Free Liquid		N.F.L.	2/21/05 08:50 AM	

ChemSmp/w/oQC-1

EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: swesson@emsl.com



Attn: **Raymond Duchaine**
ENVision, Inc.
130 Hickman Road
Suite 26
Claymont, DE 19703

Customer ID: EVIS62
Customer PO:
Received: 02/10/05 11:06 AM
EMSL Order: 010500466

Fax: (302) 791-9937 Phone: (302) 791-9939

EMSL Proj: Pennrose - Cooper Grant

Report Date: 2/24/05

Client Sample Description PC-2

Lab ID: 0002

Test	Method	Parameter	Concentration	Units	Analysis Date/Time	Notes
Total Solids	2540B	Total Solids	87	%	2/11/05 03:30 PM	
Diesel Range Organics	8015	Diesel Range Organics	470	mg/Kg	2/15/05 08:03 PM	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

500466-1

Lab Name: EMSL ANALYTICAL Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Lab Sample ID: 500466-1

Sample wt/vol: 10 (g/mL) G Lab File ID: T2984.D

Level: (low/med) MED Date Received: _____

% Moisture: not dec. 12 Date Analyzed: 2/14/05

GC Column: RTX-502 X 60M ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
74-87-3	Chloromethane	570		U
75-01-4	Vinyl chloride	570		U
74-83-9	Bromomethane	570		U
75-00-3	Chloroethane	570		U
75-69-4	Trichlorofluoromethane	570		U
75-35-4	1,1-Dichloroethene	280		U
75-09-2	Methylene chloride	280		U
156-60-65	trans-1,2-Dichloroethene	280		U
75-34-3	1,1-Dichloroethane	280		U
67-66-3	Chloroform	280		U
71-55-6	1,1,1-Trichloroethane	280		U
56-23-1	Carbon tetrachloride	280		U
71-43-2	Benzene	280		U
107-06-2	1,2-Dichloroethane	280		U
79-01-6	Trichloroethene	280		U
78-87-1	1,2-Dichloropropane	280		U
75-27-4	Bromodichloromethane	280		U
10061-01-1	cis-1,3-Dichloropropene	280		U
108-88-3	Toluene	280		U
10061-02-6	trans-1,3-Dichloropropene	280		U
79-00-1	1,1,2-Trichloroethane	280		U
127-18-4	Tetrachloroethene	280		U
124-48-1	Dibromochloromethane	280		U
108-90-7	Chlorobenzene	280		U
100-41-4	Ethylbenzene	280		U
108-38-3	Xylene (para & meta)	280		U
75-01-4	Xylene (Ortho)	280		U
75-25-2	Bromoform	280		U
79-34-1	1,1,2,2-Tetrachloroethane	280		U

Sample Container Type:

	Jar	Analyzed using Low Level SW-846 5030.
X	Jar	Analyzed using Medium Level SW-846 5035/5030B.
	NJ Field Methanol	Analyzed using SW-846 5035/5030B.
	Encore Sampler	Sub-sampled within 48 hours of receipt and analyzed using SW-846 5035.
	Field Bisulfate Preserved Soil	Analyzed using Low Level SW-846 5035.

FORM I VOA

3/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

0466-1

Lab Name: EMSL ANALYTICAL Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0466-1

Sample wt/vol: 30.2 (g/mL G) Lab File ID: C7037.D

Level: (low/med) LOW Date Received: _____

% Moisture: 12 decanted: (Y/N): N Date Extracted: 2/11/05

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/14/05

Injection Volume: 1.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH: _____

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/Kg
91-20-3	Naphthalene	1500	U
208-96-8	Acenaphthylene	1500	U
83-32-9	Acenaphthene	1500	U
86-73-7	Fluorene	1500	U
85-01-08	Phenanthrene	990	J
120-12-7	Anthracene	1500	U
206-44-0	Fluoranthene	1300	J
129-00-0	Pyrene	990	J
56-55-3	Benzo[a]anthracene	640	J
218-01-9	Chrysene	670	J
205-99-2	Benzo[b]fluoranthene	650	J
207-08-9	Benzo[k]fluoranthene	1500	U
50-32-8	Benzo[a]pyrene	580	J
193-39-5	Indeno[1,2,3-cd]pyrene	900	J
53-70-3	Dibenz[a,h]anthracene	1500	U
191-24-2	Benzo[g,h,i]perylene	1500	U

1D
PCB ANALYSIS DATA SHEET

CLIENT SAMPLE ID.

PC-1

Lab Name: EMSL ANALYTICAL Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) Soil Lab Sample ID: 466-1
 Sample wt/vol: 30.00 (g/mL) g Lab File ID: H0422
 % Moisture: 12 decanted: (Y/N) N Date Received: _____
 Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 02/15/05
 Concentrated Extract Volume: 10 (ml) Date Analyzed: 02/23/05
 Injection Volume: 1 (uL) Dilution Factor: 1
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y
 H₂SO₄ Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		ug/L or ug/Kg	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	120	

N/A = Not Applicable
U = Not detected

*Results Reported on a -- Dry Weight Basis

FORM I PEST
PCB

3/90

EMSL Analytical, Inc.
 Chemistry Lab
 3 Cooper St., Westmont, NJ 08108
 TEL: (856) 858-4800 FAX: (856) 858-4571

Chain of Custody / Analysis Request Form

EMSL Project # 010500466
 Account Rep: _____
 Indicate State where samples collected:
NEW JERSEY

Print ALL Information. Put N/A in blanks not applicable

REPORT RESULTS TO:
 Name: RAYMOND DUCHAINES
 Company ENVISION, INC.
 Address 130 HICKMAN RD (26)
 City CLAYMONT State DE ZIP 19703

SEND INVOICE TO:
 Name: JACK CARNEY PO#: _____
 Company EHS ENVIRONMENTAL, INC
 Address 91 LANDING ROAD
 City NEWPORT State NJ ZIP 08345

TURNAROUND TIME
 Date Results needed by: 2/24/05
 Standard Turnaround Time is 10 working days
 The following turnaround times require lab approval:
 4-5 days 72 Hrs 48 Hrs
 24 Hrs Approved by _____
 Project ID: PENROSE - COOPER GRANT

TEL: 302-791-9939 FAX: 302-791-9937
 Sampled by: (Signature) [Signature]

TEL: 856-447-1020 FAX: 856-447-0445
 # of Samples in Shipment: 2

Date of Sample Shipment: 2/10/05

Failure to complete shaded areas will hinder processing of samples.

Sample Number	Station Location / Sample ID	COMP	GRAB	MATRIX					Method Preserved					Sampling		List Test Needed								
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	H2SO4	ICE	OTHER	DATE	TIME	Vol's	PAINT FILTERS	TELE METALS	TOTAL METALS	PAH	PCB	TPH	DRO	
1.	PC-1	X			✓										2/7/05	1310	✓	✓	✓	✓	✓	✓		
2.	PC-2	X			✓										2/7/05	1316								✓
3.																								
4.																								
5.																								
6.																								
7.																								
8.																								
9.																								
10.																								

Released By Signature: [Signature] Date & Time Released: 7/10/05 1106 Delivery Method: _____
 Received By Signature: [Signature] Agency: ent Date & Time Received: 2/10/05 11:05 AM Condition Noted: 806
[Signature]

Comments: * "SOIL SAFE" LOGAN TWP, NEW JERSEY DISPOSAL PARAMETERS (SHEET ATTACHED)

Please indicate reporting requirements: 1. Results Only 2. Results and QC 3. Reduced Deliverables 4. Disk Deliverable

008

ENVISION, INC.

02/21/2008 19:16 FAX 3027919937

DISPOSAL MANIFESTS

Summary of Non-Hazardous Waste Removed
ABC Barrel Company, 308-322 N. Front St., City of Camden, New Jersey
8,000-Gal. Diesel UST (AOC-B1)/1,000-Gal. Fuel Oil UST (AOC-B2)/1,000-Gal. Liquid Waste UST (AOC-B3)

Log #	Time	Date	Net Tons
7	7:49	3/3/2006	28.89
10	8:10	3/3/2006	28.43
11	8:13	3/3/2006	29.96
12	8:15	3/3/2006	31.87
24	9:01	3/3/2006	28.60
34	9:30	3/3/2006	28.71
35	9:32	3/3/2006	29.26
42	9:46	3/3/2006	29.35
43	10:09	3/3/2006	29.84
44	10:46	3/3/2006	30.21
45	10:48	3/3/2006	28.59
47	10:59	3/3/2006	25.10
49	11:14	3/3/2006	29.99
56	12:04	3/3/2006	30.40
59	12:21	3/3/2006	31.61
60	12:23	3/3/2006	27.11
62	12:30	3/3/2006	30.01
78	13:27	3/3/2006	29.26
80	13:32	3/3/2006	31.19
82	13:39	3/3/2006	28.93
83	13:41	3/3/2006	32.45
-	14:47	3/3/2006	32.84
98	14:53	3/3/2006	29.02
101	14:59	3/3/2006	24.79
TOTAL			706.41

Note: All soils disposed of at Soil Safety Facility, in Bridgeport, New Jersey

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____

Address _____ Address 302 North Front St

CAMDEN NJ

Phone No. _____ Phone No. _____

Approval Number
24
3021

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

ID 440

GROSS

GROSS 42.40 T

TARE

TARE 13.51 T

RECALLED

NET 28.89 T

NET

LOG 7

TONNAGE

03/03/2006 07:49AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

[Signature]
Generator Authorized Agent Name

John Flowers
Signature

3-3-06
Shipment Date

TRANSPORTER

Transporter Name JV Trucking

Driver Name (Print) John Flowers

Address 22 Maroon Way
BEACON NJ

Vehicle License No. / State / EPA No. DE109335

Truck Number JV 7-FLO

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature]
Driver Signature

3-3-06
Shipment Date

[Signature]
Driver Signature

3-3-06
Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature]
Name of Authorized Agent

[Signature]
Signature

3-3-06
Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location _____
 Address 317 - N. Front Street Address 302 NORTH FRONT ST
Camden NJ CAMDEN NJ
 Phone No. _____ Phone No. _____

Approval
Number

3021

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

ID 100 GROSS

GROSS 41.28 T TARE
TARE 12.85 T RECALLED
NET 28.43 T NET

LOG 10 TONNAGE
03/03/2006 08:10AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name JAT Driver Name (Print) T. HARRIS
 Address BEAR DEL Vehicle License No. / State / EPA No. AF299D - NJ
 Truck Number 100

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

T. Harris 3-3-06 T. Harris 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Bourcier 3-3-06
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____
 Address 302 North Front St Address SA MO
Camden NJ
 Phone No. _____ Phone No. _____

Approval Number
L4
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 350 GROSS
 GROSS 42.79 T TARE
 TARE 12.83 T RECALLED NET
 NET 29.96 T
 LOG 11 TONNAGE
 03/03/2006 08:13AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 2-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
 Address _____ Vehicle License No./State 109067
 Truck Number SEA 24-350

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed 2-3-06 Richard Reed 2-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name SOIL SAFE, INC. Phone No. _____
378 Route 130
Logan Township, NJ 08085
(856) 467-8030
 Address _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J Garcia 3-3-06
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Parise Properties Generator Site/Location _____
Address 302 North Front St Address same
Camden, N.J.
Phone No. _____ Phone No. _____

Approval Number
L-4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 308 GROSS
GROSS 44.74 T TARE
TARE 12.87 T RECALLED NET
NET 31.87 T
LOG 12 TONNAGE
03/03/2006 08:15AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT TRUCKING Driver Name (Print) ERWIE MILOTTE
Address BEAR, DE Vehicle License No. / State / EPA No. 2106177
Truck Number OFC / (308)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Erwie Milotte 3-3-06 Erwie Milotte 3-3-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. GARCIA 3 3 06
Name of Authorized Agent Signature Receipt Date
White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Renaissance Properties Generator Site/Location
Address 302 North Front St Camden NJ
Phone No.

Approval Number 44 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 440 GROSS TARE NET 42.11 T 13.51 T 28.60 T LOG 24 03/03/2006 09:01AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Generator Authorized Agent Name Signature Michelle Flowers 3-3-06 Shipment Date

TRANSPORTER

Transporter Name JHV Trucking Driver Name (Print) John Flowers
Address 72 Marwood Way BEAC DE Vehicle License No. / State / EPA No. DE109335
Truck Number JV7-PLO

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John Flowers Driver Signature 3-3-06 Shipment Date John Flowers Driver Signature 3-3-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Name of Authorized Agent Signature 3-3-06 Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location _____
 Address _____ Address 302 N. FRONT
CAMDEN NJ
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 100	GROSS	
GROSS 41.56 T	TARE	
TARE 12.85 T	NET	RECALLED
NET 28.71 T		
LOG 34		
03/03/2006 09:30 AM		TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Generator Authorized Agent Name
Michelle Flowers Signature
3-3-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) T HARRIS
 Address BEAR DEL Vehicle License No. / State / EPA No. AF2967D-NJ
 Truck Number 100

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

T Harris Driver Signature
3-3-06 Shipment Date
T Harris Driver Signature
3-3-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Name of Authorized Agent
J. Garcia Signature
3-3-06 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Pennaco Properties Shipping Location _____
Address 325 North Front St Address SAME
Camden NJ
Phone No. _____ Phone No. _____

Approval Number
L4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 350 GROSS
GROSS 42.09 T TARE
TARE 12.83 T RECALLED
NET 29.26 T NET
LOG 35 TONNAGE
03/03/2006 09:32AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Thomas Generator Authorized Agent Name
Michelle Thomas Signature
3-3-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
Address Bear Del Vehicle License No./State 109067
Truck Number SEP 24-358

I hereby certify that the above named material was picked up at the generator site listed above.
I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed Driver Signature
3-3-06 Shipment Date
Richard Reed Driver Signature
3-3-06 Delivery Date

DESTINATION

SOIL SAFE, INC.
378 Route 130
Logan Township, NJ 08085
(856) 467-8030
Site Name _____ Phone No. _____
Address _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature [Signature] Receipt Date 3-3-06

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location _____
 Address 302 Nault Ferry Rd Address same
Camden, N.J.
 Phone No. _____ Phone No. _____

Approval Number
6-1
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

IO 308 GROSS
 GROSS 42.22 T TARE
 TARE 12.87 T RECALLED
 NET 29.35 T NET
 LOG 42 TONNAGE
 03/03/2006 09:46AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT TRUCKING Driver Name (Print) ERINIE MISTIE
 Address BFAZ, D-4 Vehicle License No. / State / EPA No. L106177
 Truck Number OFF 01 (308)

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Ernie Mistie 3-3-06 Ernie Mistie 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3-3-06
 Name of Authorized Agent Signature Receipt Date
 White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Periose Properties Generator Site/Location _____
 Address _____ Address 302 NORTH FRONT ST
CAMDEN NJ
 Phone No. _____ Phone No. _____

Approval
Number
24
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 440 GROSS
 GROSS 43.35 T TARE
 TARE 13.51 T RECALLED
 NET 29.84 T NET
 LOG 43 TONNAGE
03/03/2006 10:09AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name JTV Trucking Driver Name (Print) John Flowers
 Address 22 MAUREEN WAY Vehicle License No. / State / EPA No. DE109335
SEAF DE Truck Number JV7-FLO

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John Hannu 3-3-06 John Hannu 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Hannu 3-3-06
 Name of Authorized Agent Signature Receipt Date
 White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____
 Address 302 North Front Address Same
Camden NJ
 Phone No. _____ Phone No. _____

Approval
Number
L4
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

TD 350	GROSS
GROSS 43.04 T	TARE
TARE 12.83 T	RECALLED
NET 30.21 T	NET
LOG <u>44</u>	TONNAGE
03/03/2006 10:46AM	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Chambers Generator Authorized Agent Name
Michelle Chambers Signature
2-3-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
 Address _____ Vehicle License No./State 109067
 Truck Number SER 74-250

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed Driver Signature
3-3-06 Shipment Date
Richard Reed Driver Signature
3-3-06 Delivery Date

DESTINATION

Site Name SOIL SAFE, INC. Phone No. _____
378 Route 130
Logan Township, NJ 08085
 Address (856) 467-8030

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Name of Authorized Agent
J. Garcia Signature
3-3-06 Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location _____
 Address _____ Address 302 N. FRONT
CAMPDEN NJ
 Phone No. _____ Phone No. _____

Approval
Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 100 GROSS
 GROSS 41.44 T TARE
 TARE 12.85 T RECALLED
 NET 28.59 T NET
 LOG 45 TONNAGE
03/03/2006 10:48AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) J HARRIS
 Address BEAR DEL Vehicle License No. / State / EPA No. AE294D-NJ
 Truck Number 100

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-3-06 [Signature] 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J Garcia 3306
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Renrose Properties Generator Site/Location _____
Address 502 N. Front St Address _____
Camden, N.J.
Phone No. _____ Phone No. _____

Approval Number
L-4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 308
GROSS 37.97 T
TARE 12.87 T RECALLED TARE
NET 25.10 T
LOG 47
03/03/2006 10:59 AM
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT TRACKING Driver Name (Print) ERDIE MILOTIC
Address BEAR, DE Vehicle License No. / State / EPA No. 4106177
Truck Number OFC 1 (308)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-3-06 [Signature] 3-3-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Conroy 3-3-06
Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name PENICOSE PROPERTIES Generator Site/Location _____
 Address _____ Address 302 NORTH FRONT ST
CAMDEN NJ
 Phone No. _____ Phone No. _____

Approval Number
24
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 440 GROSS
 GROSS 43.50 T TARE
 TARE 13.51 T RECALLED
 NET 29.99 T NET
 LOG 49 TONNAGE
03/03/2006 11:14AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name JAV TRUCKING Driver Name (Print) JOHN FLOWERS
 Address 22 MAUREAN WAY Vehicle License No. / State / EPA No. DE109335
BEAR DE Truck Number JV7-FLO 440

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John Flowers 3-3-06 John Flowers 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

96 3/3/06
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penros Properties Shipping Location _____
Address 302 North Front Address Camden
Camden NJ
Phone No. _____ Phone No. _____

Approval Number
L4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 350 GROSS
GROSS 43.23 T TARE
TARE 12.83 T RECALLED NET
NET 30.40 T TONNAGE
LOG 56
03/03/2006 12:04PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Generator Authorized Agent Name
Michelle Flowers Signature
3-3-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Road
Address Bear Del Vehicle License No./State 10 9067
Truck Number SEB 24-258

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Road Driver Signature
Shipment Date
Richard Road Driver Signature
3-3-06 Delivery Date

DESTINATION

SOIL SAFE, INC.
378 Route 130
Logan Township, NJ 08085
(856) 467-8030
Site Name _____ Phone No. _____
Address _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature _____ Receipt Date _____

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location _____
 Address 302 W Frank St Address _____
Camden, N.J. _____
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 308 GROSS
 GROSS 44.48 T TARE
 TARE 12.87 T RECALLED
 NET 31.61 T NET
 LOG 50 TONNAGE
 03/03/2006 12:21 PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT TRACKING Driver Name (Print) ERWIE MILOTTE
 Address BEAR, DE Vehicle License No. / State / EPA No. 106 177
 Truck Number OFC 1 (308)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Erwie Milotte 3-3-06 Erwie Milotte 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3-3-06
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name PEWPOSE PROPERTIES Generator Site/Location 320 N. FRONT
 Address _____ Address CAMDEN NJ
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 100 GROSS
 GROSS 39.96 T TARE
 TARE 12.85 T RECALLED
 NET 27.11 T NET
 LOG 60 TONNAGE
 03/03/2006 12:23PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) T. HARRIS
 Address BEAR DR Vehicle License No. / State / EPA No. AF2994D-NJ
 Truck Number 100

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

T. Harris 3-3-06 T. Harris 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3-3-06
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name PENROSE PROPERTIES Generator Site/Location _____
 Address _____ Address 302 NORTH FRONT ST
Camden NJ
 Phone No. _____ Phone No. _____

Approval
Number
44
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 440 GROSS
 GROSS 43.52 T TARE
 TARE 13.51 T RECALLED
 NET 30.01 T NET
 LOG 62 TONNAGE
03/03/2006 12:30PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name J+V Trucking Driver Name (Print) John Flowers
 Address 22 MAURICE WAY Vehicle License No. / State / EPA No. DE 109335
BEAL DE Truck Number JV7-FLD

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

John Flowers 3-3-06 John Flowers 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3 3 06
 Name of Authorized Agent Signature Receipt Date

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Shipping Location _____
Address 376 North Front Address _____
Camden NJ
Phone No. _____ Phone No. _____

Approval Number
L4
2021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

TD 350 GROSS
GROSS 42.09 T TARE
TARE 12.83 T RECALLED NET
NET 29.26 T
LOG 78 TONNAGE
03/03/2006 01:27PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Finney Generator Authorized Agent Name
Michelle Finney Signature
2-2-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
Address 804 Del. Vehicle License No./State 109167
Truck Number SEL24-350

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed Driver Signature
3-3-06 Shipment Date
Richard Reed Driver Signature
3-3-06 Delivery Date

DESTINATION

Site Name SOIL SAFE, INC.
378 Route 130
Logan Township, NJ 08085 Phone No. _____
(856) 467-8030
Address _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Corcoran Name of Authorized Agent
J. Corcoran Signature
3-3-06 Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location _____
 Address 302 N Front St Address _____
Camden, N.J. _____
 Phone No. _____ Phone No. _____

Approval
Number
C-4
3021

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

ID 308 **GROSS**
 GROSS 44.06 T **TARE**
 TARE 12.87 T RECALLED
 NET 31.19 T **NET**
 LOG 80 **TONNAGE**
03/03/2006 01:32PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT TRUCKING Driver Name (Print) FRANK MIOTTA
 Address BEAR, PA Vehicle License No. / State / EPA No. 1106177
 Truck Number OFC 1 (308)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Frank Miotta 3-3-06 Frank Miotta 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Courch 3-3-06
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location _____
 Address 302 N. Front St. Address _____
Camden NJ Same
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 100	GROSS
GROSS 41.78 T	TARE
TARE 12.85 T	RECALLED
NET 28.93 T	NET
LOG <u>82</u>	TONNAGE
03/03/2006 01:39 PM	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Michelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name JAT Driver Name (Print) J. HARRIS
 Address BEAR DEL Vehicle License No. / State / EPA No. AF894D-NJ
 Truck Number 100

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-03-06 [Signature] 3-03-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 3-3-06
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name DENTOSE Properties Generator Site/Location _____
 Address _____ Address 302 NORTH FRONT ST
CANDEN NJ
 Phone No. _____ Phone No. _____

Approval Number
24
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 440 GROSS
 GROSS 45.96 T TARE
 TARE 13.51 T RECALLED
 NET 32.45 T NET
 LOG 83 TONNAGE
03/03/2006 01:41PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Nichelle Flowers Nichelle Flowers 3-3-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name JW Trucking Driver Name (Print) John Flowers
 Address 22 Maureen Way Vehicle License No. / State / EPA No. DE109325
PEAR DE Truck Number JV7-F20

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John Flowers 3-3-06 John Flowers 3-3-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J Garcia 3-3-06
 Name of Authorized Agent Signature Receipt Date

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Shipping Location
Address 302 North Front Camden NJ Address same
Phone No. Phone No.

Approval Number 24 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 350 GROSS 45.67 T TARE 12.83 T RECALLED NET 32.84 T TONNAGE LOG 03/03/2006 02:47PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Generator Authorized Agent Name Signature Shipment Date 3-2-06

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
Address Bear Del Vehicle License No./State 1090607
Truck Number SER 24-350

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed Driver Signature Shipment Date 3-2-06 Richard Reed Driver Signature Delivery Date 3-2-06

DESTINATION

SOIL SAFE, INC. 378 Route 130 Camden Township, NJ 08085 Phone No. (856) 467-8030
Site Name Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location
Address 302 W Front St. Camden, N.J. Address
Phone No. Phone No.

Approval Number 1-4 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 308 GROSS 41.89 T TARE 12.87 T NET 29.02 T LOG 98 03/03/2006 02:53 PM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Generator Authorized Agent Name Signature Michelle Flowers Shipment Date 3-3-06

TRANSPORTER

Transporter Name TAT TRUCKING Driver Name (Print) ERNIE MILOTIE Address BEATR, PO Vehicle License No. / State / EPA No. 6106177 Truck Number OFC 1 (308)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Ernie Milotie Driver Signature 3-3-06 Shipment Date Ernie Milotie Driver Signature 3-3-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 3-3-06 White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Penrose Properties Generator Site/Location _____
Address _____ Address 300 N FRONT ST
CAMDEN NJ
Phone No. _____ Phone No. _____

Approval Number
3021
Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 100 GROSS
GROSS 37.64 T TARE
TARE 12.85 T RECALLED
NET 24.79 T NET
LOG 101 TONNAGE
03/03/2006 02:59PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Michelle Flowers Generator Authorized Agent Name
Michelle Flowers Signature
3-3-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) T. HARRIS
Address BEAR DEL Vehicle License No. / State / EPA No. NJ2842-NS
Truck Number 100

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] Driver Signature 3-3-06 Shipment Date
[Signature] Driver Signature 3-3-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature [Signature] Receipt Date 3/3/06
White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Subcontractor Documentation/Costs

**REACT ENVIRONMENTAL
PROFESSIONAL SERVICES GROUP, INC.**

6901 KINGSESSING AVENUE
PO BOX 33342
PHILADELPHIA, PA 19142
(215) 729-3220
(215) 729-2777

CUSTOMER NO : 02-EHS

0057424-IN

EHS Environmental, Inc.
9 South Main Street
Mullica Hill, NJ 08062

Cooper Grant Project
Camden, NJ

Page: 1

ATTN: Jack Carney

03/15/2006 7274-002 BUZA

Disposal of Impacted Soils

ORIGINAL CONTRACT AMOUNT:	0.00
TAXABLE AMOUNT:	0.00
NON-TAXABLE AMOUNT:	33,775.63
AMOUNT BILLED THIS INVOICE:	33,775.63
INVOICE TOTAL:	<u>33,775.63</u>

**Note: Please remit payment to our new address
REPSG, Inc.
P.O. Box 5377
Philadelphia, PA 19142**

UPON RECEIPT

Continued

REACT ENVIRONMENTAL
PROFESSIONAL SERVICES GROUP, INC.

6001 KINGSESSING AVENUE
PO BOX 33342
PHILADELPHIA, PA 19112
(215) 729-3220
(215) 729-2777

0057424-IN

EHS Environmental, Inc.
9 South Main Street
Mullica Hill, NJ 08062

Cooper Grant Project
Camden, NJ

ATTN: Jack Carney

Page: 1

03/15/2006 7274-002

FEE SCHEDULE

-Disposal Management and

Approval Coordination:

500.00

-Soil Disposal, including transportation,

706.41 tons @ \$43/ton:

30,375.63

-Equipment Mobilization/Demobilization:

500.00

-Loading of Contaminated Soil,

1 day @ \$2,400/day:

2,400.00

UPON RECEIPT

Amount Due: 33,775.63

APPENDIX G

**Disposal Manifest – AOC-E/G/O
(EHS Environmental Inc., April 10, 2006)**

EHS ENVIRONMENTAL, INC.

9 SOUTH MAIN STREET • MULLICA HILL, NJ • 08062
856-223-0080 FAX 856-223-0885

April 10, 2006

Mr. Charles Lewis
Pennrose Properties, LLC
One Brewery Park
1301 N. 31st Street
Philadelphia, PA 19102-4495

Re: Cooper Grant, 308-322 N. Front Street, Camden, NJ

Dear Mr. Lewis:

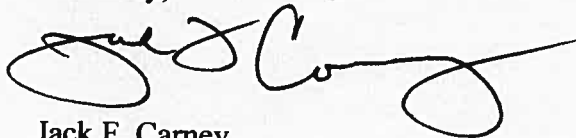
Enclosed please find the disposal manifests for the soil associated with the Areas of Concern from the Cooper Grant Site located in Camden, New Jersey. This includes the removal of all contaminated soil associated with the following Areas of Concern:

AREA OF CONCERN	PROPOSED			ACTUAL		
	AREA (FT ²)	DEPTH (FT)	VOL (CY)	AREA (FT ²)	DEPTH (FT)	VOL (CY)
AOC-001: O/W Separator	2700	0.5	50	2700	0.5	20**
AOC-002: Drum Storage	1080	6	240	1080	6	240
AOC-003: Concrete Pit	190	8	56	190	8	56
AOC-004: 10,000 g UST	225	10	83	1500	12	667
AOC-005: 1,000 g UST	190	8	56	190	10	70
AOC-006: Trench Area	1200	6	267	1200	6	267
TOTAL			753			1300

**NOTE: An Additional 30 yards excavated from this area overlapped with AOC-004.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Jack F. Carney

Cc: Terrence M. Vogt, Remington & Vernick
Olivette Simpson, Camden Redevelopment Authority

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____

Address Front St. Address SAME
Camden NJ

Phone No. _____ Phone No. _____

Approval Number
L-4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 350
GROSS 39.50 T GROSS
TARE 12.83 T RECALLED TARE
NET 26.67 T NET
LOG 1
03/30/2006 07:38 AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins Generator Authorized Agent Name
[Signature] Signature
3-30-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed

Address Bear Del. Vehicle License No. / State / EPA No. 109067

Truck Number SER 24-350

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] Driver Signature
3-30-06 Shipment Date
[Signature] Driver Signature
3-30-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Name of Authorized Agent
[Signature] Signature
3-30-06 Receipt Date

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Environmental Generator Site/Location _____

Address 302 N. FRONT ST Address _____
CAMDEN, NJ

Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 102 GROSS
GROSS 37.13 TARE
TARE 12.50 RECALLED
NET 24.63 NET
LOG 2 TONNAGE
03/30/2006 07:47

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Gillings [Signature] 3-30-06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Hatch
Address BEAR, DE Vehicle License No. / State / EPA No. T-40
Truck Number 102

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-30-06 [Signature] 3-30-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3 30 06
Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Environmental Generator Site/Location
Address N Front St Address
Camden
Phone No. Phone No.

Approval Number 3021

Description of Material
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 268 GROSS
GROSS 37.14 T TARE
TARE 12.30 T RECALLED
NET 24.84 T NET
LOG 3 TONNAGE
03/30/2006 08:01 AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins Generator Authorized Agent Name
Signature
Shipment Date 3-30-06

TRANSPORTER

Transporter Name Tat Driver Name (Print) John G
Address Bear De Vehicle License No. / State / EPA No. 65680 De
Truck Number 26 (SS# 268)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John Driver Signature
Shipment Date
John Driver Signature
Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Name of Authorized Agent
Signature
Receipt Date 3/30/06
White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Shipping Location same

Address 302 north Front St Address _____
Camden NJ

Phone No. _____ Phone No. _____

Approval Number
L-4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 124 GROSS
GROSS 40.44 TARE
TARE 13.00 RECALLED
NET 27.44 NET
LOG 4 TONNAGE
03/30/2006 08:05 AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins [Signature] 3-30-06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Jeff Stevenson

Address _____ Vehicle License No./State AD801N

Truck Number 124

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-30-06 [Signature] 3-30-06
Driver Signature Shipment Date Driver Signature Delivery Date

SOIL SAFE, INC. DESTINATION
378 Route 130

Site Name 5772 Logan Township, NJ 08085 Phone No. _____
(956) 487-0030

Address _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3 30 06
Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Generator Site/Location
Address Front St Camden NJ Address SAME
Phone No. Phone No.

Approval Number 24 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 350 GROSS TARE NET 39.76 12.83 26.93 LOG 8 03/30/2006 09:07 AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Andrew Colling Signature Signature Shipment Date 3-30-06

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
Address Bear Del. Vehicle License No. / State / EPA No. 109067
Truck Number SER 24 - 350

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Richard Reed Shipment Date 3-30-06 Driver Signature Richard Reed Delivery Date 3-30-06

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent J. Garcia Signature Signature Receipt Date 3 30 06

SOIL SAFE, INC.

Log Number

6

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS ENVIRONMENTAL Generator Site/Location _____

Address 302 N. FRONT ST. Address _____
CAMDEN, NJ

Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

10-102 GROSS
GROSS 38.92 T TARE
TARE 12.50 T RECALLED
NET 26.42 T NET
LOG 9 TONNAGE
03/30/2006 09:17AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Galt [Signature] 3-30-06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Hatched
Address BEAR DE Vehicle License No. / State / EPA No. T-40
Truck Number 102

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Hatched 3-30-06 [Signature] 3-30-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 3 30 06
Name of Authorized Agent Signature Receipt Date

Log Number #7

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Generator Site/Location _____
Address N FRONT ST Address _____
CAMDEN
Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 268 GROSS
GROSS 42.92 TARE
TARE 12.30 RECALLED
NET 30.62 NET
LOG 10 TONNAGE
03/30/2006 09:25AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Calungs Signature 3-30-06 Shipment Date
Generator Authorized Agent Name

TRANSPORTER

Transporter Name IAT Driver Name (Print) Rottor
Address BEAR DE Vehicle License No. / State / EPA No. 65656 DE
Truck Number 5156 (SS# 268)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John Driver Signature 3-30-06 Shipment Date John Driver Signature 3-30-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

D. Garcia Signature 3-30-06 Receipt Date
Name of Authorized Agent
White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

#8

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location same
 Address 302 north Front St Address _____
Camden NJ
 Phone No. _____ Phone No. _____

Approval Number
 L-4
 3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID: 124 GROSS
 GROSS: 43.88 TARE
 TARE: 13.00 RECALLED
 NET: 30.88 NET
 LOG: 11 TONNAGE
 03/30/2006 09:31 AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins [Signature] 3-30-06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAS Driver Name (Print) J.P. Stevens
 Address _____ Vehicle License No./State A0501N
 Truck Number 124

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-30-06 [Signature] 3-30-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name SOIL SAFE, INC. Phone No. _____
50178 Route 130
 Address Logan Township, NJ 08085
(856) 467-8030

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

d. Garcia 33006
 Name of Authorized Agent Signature Receipt Date

SOIL SAFE, INC.

Log Number #9

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____
Address Front St Address SAME
Camden NJ
Phone No. _____ Phone No. _____

Approval Number 24 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

GROSS 42.93 TARE 12.83 NET 30.10 RECALLED GROSS TARE NET LOG 03/30/2006 10:26AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collings Signature 3-30-06 Generator Authorized Agent Name Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
Address Bear Del. Vehicle License No. / State / EPA No. 109067
Truck Number SER 24-350

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed 3-30-06 Driver Signature Shipment Date Richard Reed 3-30-06 Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Coaraci Signature 3 30 06 Name of Authorized Agent Receipt Date

SOIL SAFE, INC.

Log Number

10

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS ENVIRONMENTAL Generator Site/Location _____

Address 302 N. FRONT ST. Address _____

Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 102 GROSS
GROSS 41.38 T TARE
TARE 12.50 T RECALLED
NET 28.88 T NET
LOG 23 TONNAGE
03/30/2006 10:33AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins Signature [Signature] Shipment Date 3-30-06
Generator Authorized Agent Name

TRANSPORTER

Transporter Name TAT Driver Name (Print) H. H. Scher
Address Beam Rd Vehicle License No. / State / EPA No. T-40
Truck Number 102

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

H. H. Scher Signature 3-30-06 Shipment Date [Signature] Driver Signature
Delivery Date _____

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Coarciu Signature 3 30 06 Receipt Date
Name of Authorized Agent

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Environmental Generator Site/Location _____
 Address FRONT ST Address _____
CAMDEN NJ
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

10 268	GROSS
GROSS 46.16 T	TARE
TARE 12.30 T	RECALLED
NET 33.86 T	NET
LOG 24	TONNAGE
03/30/2006 10:39AM	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collings Signature [Signature] Shipment Date 3-31-06
 Generator Authorized Agent Name

TRANSPORTER

Transporter Name TAT Driver Name (Print) John G
 Address Bear Dr Vehicle License No. / State / EPA No. 65656DC
 Truck Number 8756 (OS # 268)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John A Signature 3-30-06 Shipment Date John A Signature 3-30-06 Delivery Date
 Driver Signature

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] Signature 3-30-06 Receipt Date
 Name of Authorized Agent

SOIL SAFE, INC.

Log Number # 12

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Shipping Location S992

Address 302 North Front St Address Cgarden NJ

Phone No. Phone No.

Approval Number 1-4 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID: 124 GROSS 42.85 TARE 13.00 NET 29.85 LOG 03/30/2006 10:43AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collings Generator Authorized Agent Name Signature Shipment Date 3-30-06

TRANSPORTER

Transporter Name TAT Driver Name Jeff Stevenson Address Vehicle License No./State A0801N Truck Number 124

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Shipment Date 3-30-06 Driver Signature Delivery Date 3-30-06

DESTINATION

SOIL SAFE, INC. 378 Route 130 Logan Township, NJ 08085 Phone No. (856) 467-8030 Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature J. Coarciu Receipt Date 33006

SOIL SAFE, INC.

Log. Number # 13

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____
Address Front St Address SAME
Camden NJ
Phone No. _____ Phone No. _____

Approval Number 24 3021

Description of Material
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 350 GROSS 42.58 TARE 12.83 NET 29.75
LOG 26 03/30/2006 1:1:37AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins Generator Authorized Agent Name
Signature
Shipment Date 3-30-06

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
Address Bear Del. Vehicle License No. / State / EPA No. 109067
Truck Number SEFL 24-350

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed Driver Signature 3-30-06 Shipment Date
Richard Reed Driver Signature 3-30-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Name of Authorized Agent Signature
3 30 06 Receipt Date
White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number #14

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name SHS Generator Site/Location
Address Front St Camden NJ
Phone No.

Approval Number 3021

Description of Material
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 268 GROSS
GROSS 45.58 T TARE
TARE 12.30 T RECALLED
NET 33.28 T NET
LOC 29 TONNAGE
03/30/2006 01:53AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Andrew Collins Signature POCE Shipment Date 3-30-06

TRANSPORTER

Transporter Name TAT Driver Name (Print) John G
Address Bear De Vehicle License No. / State / EPA No. 65656De
Truck Number 550C 268

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 3-30-06 Driver Signature [Signature] Delivery Date 3-30-06

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent J. Garcia Signature Receipt Date 3 30 06

SOIL SAFE, INC.

Log Number

15

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS ENVIRON Generator Site/Location _____

Address 302 N. FRONT Address _____

CAMDEN, NJ

Phone No. _____ Phone No. _____

Approval Number
302

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 102 GROSS
GROSS 41.50 TARE
TARE 12.50 RECALLED
NET 29.00 NET
LOG 30 TONNAGE
03/30/2006 11:57 AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins
Generator Authorized Agent Name

[Signature]
Signature

3-30-06
Shipment Date

TRANSPORTER

Transporter Name TAT

Driver Name (Print) [Signature]

Address Bran De

Vehicle License No. / State / EPA No. T-40

Truck Number 102

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature]
Driver Signature

3-30-06
Shipment Date

[Signature]
Driver Signature

3-30-06
Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Coaraci
Name of Authorized Agent

[Signature]
Signature

3-30-06
Receipt Date

SOIL SAFE, INC.

Log Number # 16

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Shipping Location S930

Address 302 North Front St Camden NJ

Phone No. Phone No.

Approval Number L-7 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID: 124 GROSS TARE NET 41740 13000 28740 LOG 33 03/30/2006 12:04PM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Andrew Collins Signature [Signature] Shipment Date 3-30-06

TRANSPORTER

Transporter Name TAT Driver Name (Print) Jeff Sternson

Address Vehicle License No./State AD801N

Truck Number 134

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 3-30-06 Driver Signature [Signature] Delivery Date 3-30-06

DESTINATION

Site Name SOIL SAFE, INC. 378 Route 130 Logan Township, NJ 08085 Phone No. (856) 467-8030

Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature [Signature] Receipt Date 33006

SOIL SAFE, INC.

Log Number

17

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____
Address Front St Address SAME
Camden NJ
Phone No. _____ Phone No. _____

Approval Number
L4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 350 GROSS
GROSS 39.78 T TARE
TARE 12.83 T RECALLED
NET 26.95 T NET
LOG 37 TONNAGE
03/30/2006 01:05PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collings Generator Authorized Agent Name
Signature
3-30-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
Address _____ Vehicle License No. / State / EPA No. 109067
Truck Number SER24-350

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed Driver Signature
3-30-06 Shipment Date
Richard Reed Driver Signature
3-30-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Torcia Name of Authorized Agent
Signature
3-30-06 Receipt Date
White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

18

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Environmental Generator Site/Location _____
Address Front St Address _____
Camden NJ
Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 268 GROSS
GROSS 39.81 TARE
TARE 12.30 RECALLED
NET 27.51 NET
LOG: 38 TONNAGE
03/30/2006 01:08PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collings Signature [Signature] Shipment Date 3-30-06
Generator Authorized Agent Name

TRANSPORTER

Transporter Name TAT Driver Name (Print) Rottow
Address BEAR, DE Vehicle License No. / State / EPA No. 65056 DE
Truck Number 506 (50# 268)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Rottow Shipment Date 3-30-06 Rottow Delivery Date 3-30-06
Driver Signature

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Signature 3-30-06 Receipt Date
Name of Authorized Agent

SOIL SAFE, INC.

Log Number # 19

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS ENVIRONMENTAL Generator Site/Location
Address 302 N. Front St Address
CAMDEN NJ
Phone No. Phone No.

Approval Number 3021

Description of Material
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 102 GROSS
GROSS 37.15 T TARE
TARE 12.50 T RECALLED
NET 24.65 T NET
LOG 41 TONNAGE
03/30/2006 01:15 PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Andrew Collings Signature [Signature] Shipment Date 3-30-06

TRANSPORTER

Transporter Name TAT Driver Name (Print) Hatcher
Address [Address] Vehicle License No. / State / EPA No. T-40
Truck Number 102

I hereby certify that the above named material was picked-up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 3-30-06 Driver Signature [Signature] Delivery Date 3-30-06

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 3-30-06

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

20

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location Same

Address 303rd Front St Address _____
Caroden NJ

Phone No. _____ Phone No. _____

Approval Number
L-4
3021

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 124 GROSS
GROSS 39.59 TARE
TARE 13.00 RECALLED TARE
NET 26.59 NET
LOG 114
03/30/2006 01.21 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins [Signature] 3-30-06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Jeff Stevenson

Address _____ Vehicle License No./State AD801N

Truck Number 124

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-30-06 [Signature] 3-30-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name SOIL SAFE, INC. 378 Route 140 Phone No. _____
Logan Township, NJ 08085
Address (856) 467-8030

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 3-30-06
Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____
Address Front st Address SAME
Camden NJ.
Phone No. _____ Phone No. _____

Approval Number 3021

Description of Material
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 350 GROSS
GROSS 41.98 TARE
TARE 12.83 RECALLED
NET 29.15 NET
LOG 50 TONNAGE
03/30/2006 02:16PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins Generator Authorized Agent Name
Signature
3-30-06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Richard Reed
Address _____ Vehicle License No. / State / EPA No. 109067
Truck Number SER24-350

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Richard Reed Driver Signature 3-30-06 Shipment Date
Richard Reed Driver Signature 3-30-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Name of Authorized Agent Signature
33006 Receipt Date

SOIL SAFE, INC.

Log Number

#22

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Ems Environmental Generator Site/Location _____
Address Frost St Address _____
Camden NJ
Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 268 GROSS
GROSS 42.71 T TARE
TARE 12.30 T RECALLED
NET 30.41 T NET
LOC 51 TONNAGE
03/30/2006 02:30PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins Signature 3-30-06 Shipment Date
Generator Authorized Agent Name

TRANSPORTER

Transporter Name TAT Driver Name (Print) Rotton
Address BEAR, DE Vehicle License No. / State / EPA No. 65656 DE
Truck Number ST 56 (SS# 268)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John Signature 3-30-06 Shipment Date John Signature 3-30-06 Delivery Date
Driver Signature

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Signature 3/30/06 Receipt Date
Name of Authorized Agent

SOIL SAFE, INC.

Log Number

23

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS ENVIRON. Generator Site/Location _____

Address 302 N. FRONT ST. Address _____
Camden, NJ

Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 102 GROSS
GROSS 40.40 TARE
TARE 12.50 RECALLED
NET 27.90 NET
LOG S3 TONNAGE
03/30/2006 02:35PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Andrew Collins [Signature] 3-30-06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Hatchet
Address BEAR, PP Vehicle License No. / State / EPA No. T-40
Truck Number 102

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-30-06 [Signature] 3-30-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 3-30-06
Name of Authorized Agent Signature Receipt Date

SOIL SAFE, INC.

Log-Number # 24

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Shipping Location Same

Address 302 North Front St Address Camden NJ

Phone No. Phone No.

Approval Number 6-4 3071

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 124 GROSS 43.19 T TARE 13.00 RECALLED NET 30.19 T TONNAGE 03/30/2006 02:42PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Andrew Collins Signature [Signature] Shipment Date 3-30-06

TRANSPORTER

Transporter Name TAT Driver Name (Print) Jeff Stevenson

Address Vehicle License No./State A0901 N

Truck Number 124

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 3-30-06 Driver Signature [Signature] Delivery Date 3-30-06

DESTINATION

Site Name SOIL SAFE SOIL SAFE, INC. 378 Route 130 Phone No. [Blank] Camden Township, NJ 08085 (856) 467-8030 Address [Blank]

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent D. Coarciu Signature [Signature] Receipt Date 3-30-06

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Shipping Location same
Address 302 North Front St Camden NJ
Phone No. Phone No.

Approval Number 1-4 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 124 GROSS 40.68 TARE 13.00 NET 27.68 LOG 6 03/31/2006 07:29AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Jason Pucinski as agent for generator Signature 3/31/06 Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Jeff Stevenson
Address Vehicle License No./State ADB01N
Truck Number 124

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature 3-31-06 Shipment Date Driver Signature 3-31-06 Delivery Date

DESTINATION

Site Name SOIL SAFE, INC. 378 Route 130 Logan Township, NJ 08085 Phone No.
Address (856) 467-8030

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent J. Coarciu Signature 33106 Receipt Date

Log .

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name SAS Environmental Generator Site/Location _____
 Address Front St Address _____
Camden NJ
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

#7 ↓ 27.96
 GROSS TARE NET
 ID 268
 GROSS 40.261
 TARE 12.301
 NET 27.96
 TONNAGE
 03/31/2006 07:43 AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jason Plucinski (REPSG) as agent for generator [Signature] 3/31/06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) John G
 Address Bear De Vehicle License No. / State / EPA No. 05656 De
 Truck Number 8756 (25# 268)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-31-06 [Signature] 3-31-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 33106
 Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Generator Site/Location _____
 Address Front St Address _____
CAMDEN NJ
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 102 GROSS
 GROSS 40.25 TARE
 TARE 12.50 RECALLED
 NET 27.75 NET
 LOG 8 TONNAGE
03/31/2006 07:45AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

SESON PLUCINSKI (REPSG) as agent for generator [Signature] 3/31/06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name Tat Driver Name (Print) Hatchett
 Address Bear Dr Vehicle License No. / State / EPA No. 69056 2
 Truck Number T40 55# 102

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3730-06 [Signature] 3-31-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] Coarciu 33106
 Name of Authorized Agent Signature Receipt Date
 White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name E.H.S. Generator Site/Location _____
Address 302 N. Front St. Address _____
Camden NJ _____
Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 637 GROSS
GROSS 39.18 T TARE
TARE 12.77 T RECALLED
NET 26.41 T NET
LOG 9 TONNAGE
03/31/2006 07:57 AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jason Plucinski (REPSG) as agent for generator [Signature] 3/31/06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Trucking Driver Name (Print) Michael Winne
Address 3482 Wanger Hill Rd Vehicle License No. / State / EPA No. CC110038
Bear Del 19701 Truck Number TAT T90 SS# 637

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3/31/06
Driver Signature Shipment Date

[Signature] 3/31/06
Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 3-31-06
Name of Authorized Agent Signature Receipt Date

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____
Address 352 N. Front St. Address SAME
Camden NJ
Phone No. _____ Phone No. 1-185

Approval Number 2-4 3021

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

GROSS 40.24 T GROSS TARE 12.51 T RECALLED TARE NET 27.73 T NET LOG 10 03/31/2006 08:03AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

JASON PULIWSKI (REPSG) as agent for generator Generator Authorized Agent Name Signature Shipment Date 3/31/06

TRANSPORTER

Transporter Name TAT Driver Name (Print) Charlie
Address BAR DE Vehicle License No. / State / EPA No. 4407035
Truck Number 185/T-70

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Charlie 3-31-06 Driver Signature Shipment Date Charlie 3-31-06 Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia Name of Authorized Agent Signature 33104 Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location Sgmc
 Address 302 North Front St Address _____
Camden NJ
 Phone No. _____ Phone No. _____

Approval Number
6-4
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID: 124 GROSS
 GROSS 42.18 TARE
 TARE 13.00 RECALLED
 NET 29.18 NET
 LOG 12 TONNAGE
03/31/2006 09:36AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jason Rucinski (REPSG) as agent for generator [Signature] 3/31/06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name JAT Driver Name (Print) Jeff Sterens
 Address _____ Vehicle License No. / State / EPA No. AD801N
 Truck Number 124

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-31-06 [Signature] 3-31-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3-31-06
 Name of Authorized Agent Signature Receipt Date
 While - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS ENVIRON Generator Site/Location _____

Address 302 N. FRONT ST Address _____
CAMDEN NJ

Phone No. _____ Phone No. _____

Approval Number
302

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 102 GROSS: _____
GROSS: 40.33 T TARE: _____
TARE: 12.50 T RECALLED: _____
NET: 27.83 T NET: _____
LOG: 17 TONNAGE
03/31/2006 09:04AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jason PUCWASKI (REPSG) as agent for generator [Signature] 3/31/06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAD Driver Name (Print) [Signature]
Address BEAR DE Vehicle License No. / State / EPA No. T-40
Truck Number 102

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-31-06 x [Signature] 3-31-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3/31/06
Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Generator Site/Location
Address Front St Address
Camden NJ
Phone No. Phone No.

Approval Number 3071

Description of Material Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 268 GROSS GROSS 42.21 TARE 12.30 NET 29.91 LOG 18 03/31/2006 09:06 AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jason PLUCINSKI (REPSG) as agent for generator Signature 3/31/06 Generator Authorized Agent Name Shipment Date

TRANSPORTER

Transporter Name JAT Driver Name (Print) Rotton Address Bear Ave Vehicle License No. / State / EPA No. 65656 DE Truck Number 5756 (55# 268)

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

John L. Driver Signature 3-31-06 Shipment Date John L. Driver Signature 3-31-06 Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Coarcao Signature 33106 Name of Authorized Agent Receipt Date

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name E.H.S. Generator Site/Location
Address 302 W. Front St Camden NJ Address
Phone No. Phone No.

Approval Number 3021

Description of Material
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 637 GROSS
GROSS 39.26 T TARE
TARE 12.77 T RECALLED TARE
NET 26.49 T NET
LOG 21
03/31/2006 09:17 AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jason Pucowski (REPSG) as agent for generator Signature 3/31/06
Generator Authorized Agent Name Shipment Date

TRANSPORTER

Transporter Name TAT Trucking Driver Name (Print) Michael Winner
Address Bear Del Vehicle License No. / State / EPA No. C6110038
Truck Number TAT T90 55#637

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Michael Winner 3/31/06
Driver Signature Shipment Date

Michael Winner 3/31/06
Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Carcu 3.31.06
Name of Authorized Agent Signature Receipt Date

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____

Address 302 N. Front St, Address _____
Camden NJ SAME

Phone No. _____ Phone No. _____

Approval Number
L-4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 185 GROSS
GROSS 40.13 TARE
TARE 12.51 RECALLED
NET 27.62 NET
LOG 25 TONNAGE
03/31/2006 09:34AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Susan Pucowski (REPSA) as generator [Signature] 3/31/06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Charlie

Address BRIDGE Vehicle License No. / State / EPA No. LLA7633

Truck Number 185/T-70

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Charlie 3-31-06 Charlie 3-31-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3/31/06
Name of Authorized Agent Signature Receipt Date

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location S93C
Address 302 North Front St Address _____
Camden NJ
Phone No. _____ Phone No. _____

Approval Number
L-4
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 124 GROSS
GROSS 44.05 T TARE
TARE 13.00 T RECALLED
NET 31.05 T NET
LOG 20 TONNAGE
03/31/2006 09:43AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jason Pincuski (REPSA) as agent for generator [Signature] 3/31/06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) Jeff Stevenson
Address _____ Vehicle License No. / State / EPA No. A0801 N
Truck Number 124

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-31-06 [Signature] 3-31-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Coarcia 33106
Name of Authorized Agent Signature Receipt Date
White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS Environmental Generator Site/Location _____
 Address FRONT ST Address _____
Camden NJ
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 268 GROSS
 GROSS 42.67 T TARE
 TARE 12.30 T RECALLED
 NET 30.37 T NET
 LOG 35 TONNAGE
03/31/2006 10:19 AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Mire Mitchell [Signature] 3/31/06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) John A
 Address Bear Vehicle License No. / State / EPA No. 65656 DE
 Truck Number 5702 C 558 260

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-31-06 [Signature] 3-31-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085
 No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REPSG [Signature] J. Carra 3/31/06
 Name of Authorized Agent Signature Receipt Date
 White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

#13

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EHS ENVIRON. Generator Site/Location _____
 Address 302 N. FRONT ST. Address _____
Camden, NJ
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID-102
 GROSS 42.19 T
 TARE 12.50 T RECALLED TARE
 NET 29.69 T
 LOG 36
 03/31/2006 10:21 AM
 NET TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Jason Pucowski (REPSA) as agent for generator [Signature] 3/31/06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAT Driver Name (Print) [Signature]
 Address BEAR DR Vehicle License No. / State / EPA No. T-40
 Truck Number 102

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3-31-06 [Signature] 3-31-06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3-31-06
 Name of Authorized Agent Signature Receipt Date

#14

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name E.H.S. Generator Site/Location _____
 Address 302 N. Front St Address _____
Chardon, NJ Same
 Phone No. _____ Phone No. _____

Approval Number
3021

Description of Material
 Non-Regulated Petroleum
 Contaminated Soil
 Non DOT/RCRA Regulated

ID 637 GROSS
 GROSS 40.78 T TARE _____
 TARE 12.77 T RECALLED _____
 NET 28.01 T NET _____
 LOG 38 TONNAGE
03/31/2006 10:37AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Mike Mitchell - REPOST [Signature] 3/31/06
 Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TRUCKING UP Driver Name (Print) Michael Winner
 Address Bear Del Vehicle License No. / State / EPA No. CL110038
 Truck Number TAT T90 55# 637

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 3/31/06 [Signature] 3/31/06
 Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030
 Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
 Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 3/31/06
 Name of Authorized Agent Signature Receipt Date

#15

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____

Address 302 N. Front St. Address SANRAL
Camden NJ

Phone No. _____ Phone No. _____

Approval Number
24
3021

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 185 GROSS
GROSS 40.25 T TARE
TARE 12.51 T RECALLED
NET 27.74 T NET
LOG 43 TONNAGE
03/31/2006 10:49 AM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Mike Mitchell - REPSG [Signature] 3/31/06
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name TAS Driver Name (Print) Charlie

Address Beard Vehicle License No. / State / EPA No. 4107633
Truck Number 185/T-70

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Charlie 3-31-06 Charlie 3-31-06
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

Address 378 Route 130 Logan Township, NJ 08085

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 3-31-06
Name of Authorized Agent Signature Receipt Date

CHAIN OF CUSTODY REPORT

1098 W. Ninth Avenue
King of Prussia, PA 19406
(610) 337-9992
FAX (610, 337-9838

1090 King Georges Post Rd
Suite 803
Edison, NJ 08837
(732) 661-0777
FAX (732) 661-0305

Client: **REPSG, Inc** Bill To: **REPSG**

Address: **6901 Phylissia Ave**

Report to: **Phila PA 19142**

E-mail: **hmsc@hml.com** Phone #: **(215) 229-3220** State & Fax #: **(215) 229-1551** Program:

Project Name: **Cooper Grant 7274** Phone #: _____ Fax #: _____

Project #/PO#: **2263**

Sampler: **S. RUDINSKI**

FIELD ID, LOCATION

LABORATORY ID NUMBER	DATE COLLECTED		TIME COLLECTED	SAMPLE MATRIX	# of Bottles Preservative Used						TOTAL # OF BOTTLES	SAMPLER RETURNED YES/NO	Arsenic	Volatile	Semi-volatile	Pesticides	Metals	Cadmium	Chromium	Cyanide	Copper	Lead	Mercury	Nickel	Silver	Zinc	SAMPLER CONTROL		
	DATE	TIME			MAHSA	MAHSA	HCl	HNO3	H2SO4	NaOH																		NONE	
1	3/31/02	14:30	So								3	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													

RECEIVED DATE TIME RECEIVED DATE TIME RECEIVED DATE TIME

RELINQUISHED DATE TIME RELINQUISHED DATE TIME RELINQUISHED DATE TIME

COMMENTS: **3-DAY TAP required**

Subcontractor Documentation/Costs

**React Environmental
Professional Services Group, Inc.
6901 Kingsessing Avenue
P.O. Box 5377
Philadelphia, PA 19142
(215) 729-3220**

CUSTOMER NO: 02-EHS

0057635-IN

EHS Environmental, Inc.
9 South Main Street
Mullica Hill, NJ 08062

Cooper Grant Project
Camden, NJ

Page: 1

ATTN: Jack Carney

04/05/2006 7274-002 BUZA

Disposal of Impacted Soils

ORIGINAL CONTRACT AMOUNT:	12,250.00
TAXABLE AMOUNT:	0.00
NON-TAXABLE AMOUNT:	53,365.24
AMOUNT BILLED THIS INVOICE:	53,365.24
INVOICE TOTAL:	<u>53,365.24</u>

**Note: Please remit payment to our new address
REPSG, Inc.
P.O. Box 5377
Philadelphia, PA 19142**

30 DAYS

Continued

React Environmental
Professional Services Group, Inc.
6901 Kingsessing Avenue
P.O. Box 5377
Philadelphia, PA 19142
(215) 729-3220

0057635-IN

EHS Environmental, Inc.
9 South Main Street
Mullica Hill, NJ 08062

Cooper Grant Project
Camden, NJ

ATTN: Jack Carney

Page: 1

04/05/2006 7274-002

FEE SCHEDULE

-Waste characterization analysis

(including sample collection):

306.00

-Soil Disposal, including transportation,

1,110.68 tons @ \$43/ton:

47,759.24

-Equipment Mobilization/

Demobilization:

500.00

-Loading of contaminated soil,

2 days @ \$2,400/day:

4,800.00

30 DAYS

Amount Due: 53,365.24

APPENDIX H
Supplemental Remedial Investigation Field Documentation
(Dresdner Robin, September 2007 to December, 2008)

Soil Boring/Well logs, Groundwater Sampling logs,
Well Records/Form B's

Soil Boring/Well Logs

Soil Boring/Well Details: B-3/TW-1

Project No: B-904-01
Project: ABC Barrel
Client: Camden Red. Agency
Location: Camden, NJ

Northing: 407063.525
Easting: 316939.521
Elevation: 0
Total Depth: 20 feet

Water Level: 10.82 feet
Sampling Method: Bailer
Sample Interval: Water Table
Logged By: Ray Glover

SAMPLE				SUBSURFACE PROFILE			Remarks	Well Completion Details	Elevation (Ft. MSL)	
Sample #	Blow Counts	Recovery (inches)	VOC (PPM)	Depth (ft/m)	Symbol	Description				Formation
GW-1	NA	NA	5.5	1		Light orange cf SAND and cf GRAVEL (bricks and concrete pieces), dry.	Fill	Temporary Well	-1	
			0	2		Red brown mf SAND, tr SILT, GRAVEL, dry.			-2	
			0	3		1			Dark red brown cf SAND, little to some fm gravel, tr c gravel (based upon drilling), moist.	-3
			0	4					No odor, no stain.	-4
			0	5						-5
			0	6		Rubble, debris (Based upon drilling).			-6	
			0	7		2			Brown mf SAND, trace to little c sand and gravel, tr Silt, little resistance to drilling.	-7
			0	8					No odor, no stain.	-8
			0	9						-9
			6.5	10		3			Dark brown to very dark gray mf SAND, tr to little c Sand, little to some Gravel, tr Silt and Clay. Very moist to wet.	-10
			0	11					No odor, no stain.	-11
			8.5	12		4				No odor, no stain.
			0	13					-13	
			0	14					-14	
			0	15		5			Very dark gray-brown mf SAND, little to some Gravel, trace Silt and Clay, wet	-15
			8.5	16					No odor, no stain.	-16
			0	17						-17
			0	18		6			Yellow-brown mf SAND, little Silt, trace fc Sand, trace Gravel (quartz), wet.	-18
			0	19					Natural material, no odor, no sheen.	-19
			0	20						-20

Drilling Company: Tabasco Drilling
Driller: William Lightner
Drilling Method: Hollow-stem auger
Auger Size: 6 1/4 in OD/ 4 in ID
Hole Diameter: 6 1/4 " in

DRESDNER ROBIN
 371 Warren Street
 P.O. Box 38
 Jersey City, NJ 07302

Casing Diameter:
Date Start: 9/6/07
Date Finish: 9/6/07
Checked By: RG
Sheet 1 of 1

Soil Boring/Well Details: MW-4

Project No: B-904-03

Northing: 407060.3041

Water Level: 12'

Project: ABC Barrel

Easting: 316938.2953

Sampling Method: Split Spoon

Client: Camden Redevelopment Agency

Elevation: 12.74

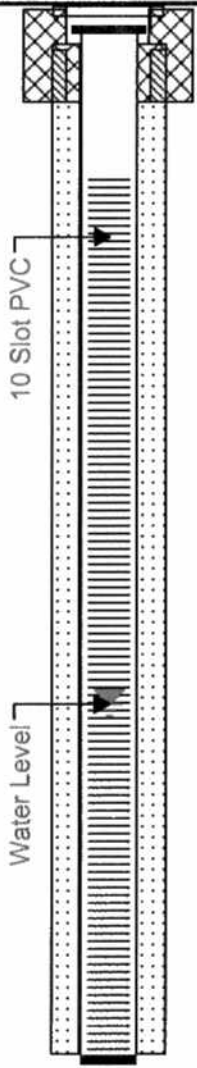
Sample Interval: 2'

Location: Camden, NJ

Total Depth: 18'

Logged By: LAM

SAMPLE				SUBSURFACE PROFILE			Remarks	Well Completion Details	Elevation (Ft. MSL)
Sample #	Blow Counts	Recovery (Inches)	VOC (PPM)	Depth (ft/m)	Symbol	Description			
	-	10	0.0	1	[Symbol: Lt. Orange and Red to Red Brown mf SAND, trace Silt, trace Clay, little to some of Brick pieces, debris, some of Gravel.]	Lt. Orange and Red to Red Brown mf SAND, trace Silt, trace Clay, little to some of Brick pieces, debris, some of Gravel.	Fill	Dry to moist, no odor, no stains.	-1
	6		0.0	2					-2
	9	16	0.0	3					-3
	8		0.2	4					-4
	10		0.4	1	[Symbol: Dark Gray mf SAND, little Silt, little of Gravel, little Brick.]	Dark Gray mf SAND, little Silt, little of Gravel, little Brick.		Moist, no odor, no stains.	-5
	14	16	0.0	5					-6
	21		0.3	6					-7
	50/4		0.5	7					-8
	5	12	0.0	2	[Symbol: Dark Gray mf SAND, little Silt, some Red Brick, little of Gravel.]	Dark Gray mf SAND, little Silt, some Red Brick, little of Gravel.		Dry, no odor, no stains.	-9
	6		0.0	8					-10
	7		0.0	9					-11
	9		0.0	10					-12
	5	12	0.0	3	[Symbol: Greenish Gray mf SAND, little Gray Silt, trace of Gravel, little Red Brick.]	Greenish Gray mf SAND, little Gray Silt, trace of Gravel, little Red Brick.	Fill	Moist, no odor, no stains.	-13
	6		0.0	11					-14
	7		0.0	12					-15
	9		0.0	13					-16
	10	14	0.0	4	[Symbol: Dark Gray of SAND, little Gray Silt, of Gravel.]	Dark Gray of SAND, little Gray Silt, of Gravel.		Wet, no odor, no stains.	-17
	11		0.0	14					-18
	8		0.0	15					-19
	11		0.0	16					-20
	7	10.5	0.0	5	[Symbol: Dark Gray cm SAND, little Gray Silt, of Gravel.]	Dark Gray cm SAND, little Gray Silt, of Gravel.		Moist, no odor, no stains.	-1
	5		0.0	15					-2
	18		0.0	16					-3
	21		0.0	17					-4
	7	14	0.0	5	[Symbol: End of Boring]	End of Boring			-5
	15		0.0	16					-6
	19		0.0	17					-7
	21		0.0	18					-8



Drilling Company: Tabasco Drilling
 Driller: William Lightner/William Anderson
 Drilling Method: Hollow Stem Auger
 Auger Size: 6 1/4" ID
 Hole Diameter: 10"

DRESDNER ROBIN
 371 Warren Street
 P.O. Box 38
 Jersey City, NJ 07302

Casing Diameter: 4"
 Date Start: 10/07/08
 Date Finish: 10/7/08
 Checked By: RG
 Sheet 1 of 1

Groundwater Sampling Logs

**LOW FLOW SAMPLING
DATA SHEET**

Sheet 1 of 1

Site: <u>ABC Barrel, Camden, NJ</u>	Consulting Firm: <u>Dresdner Robin Enviromental Management</u>
Date: <u>21-Oct-08</u>	Field Personnel: <u>Lynette A. Matthews</u>
Weather: <u>44°F, Clear, Sunny</u>	

Monitor Well #: <u>MW-4</u>	Well Depth (ft): <u>18'</u>	Screened/Open Interval (ft): <u>3'-18'</u>
Well Permit #: _____	Well Diameter (in): <u>4"</u>	

PID/FID Readings (ppm):

Background: <u>0.6</u>	Pump Intake Depth: <u>13.49</u> ft below TOC
Beneath Outer Cap: <u>0.6</u>	
Beneath Inner Cap: <u>0.6</u>	Depth to Water Before Pump Installation: <u>11.49</u> ft below TOC

Time	Purging	Sampling	pH (su)		Specific Conductivity (mS/cm)		REDOX Potential (mv)		Dissolved O2 (mg/L)		Turbidity (NTU)		Temperature (Degrees C)		Pump Rate (ml/min)	Depth to Water (Ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1030	X		7.41	NA	0.411	NA	163	NA	0.94	NA	46.8	NA	19.68	NA	250	13.49
1033	X		7.48	-0.07	0.412	-0.001	147	16.0	0.84	0.10	48.9	-2.1	19.52	0.16	250	11.74
1036	X		7.51	-0.03	0.411	0.001	140	7.0	0.81	0.03	44.3	4.6	19.21	0.31	250	11.74
1039	X		7.54	-0.03	0.410	0.001	127	13.0	0.62	0.19	38.6	5.7	19.13	0.08	250	11.74
1041	X		7.57	-0.03	0.408	0.002	120	7.0	0.61	0.01	26.9	11.7	18.92	0.21	250	11.74
1044	X		7.58	-0.01	0.407	0.001	118	2.0	0.61	NA	26.3	0.6	18.91	0.01	250	11.71
1047	X		7.58	NA	0.406	0.001	117	1.0	0.60	0.01	26.6	-0.3	18.85	0.06	250	11.70
1048		X	7.58	NA	0.405	0.001	114	3.0	0.60	NA	26.7	-0.1	18.86	-0.01	250	11.70

+/- 0.1	+/- 3%	+/- 10	+/- 10%	+/- 10%	+/- 3%
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COMMENTS: *sample was clear, on odor or sheen*

**LOW FLOW SAMPLING
DATA SHEET**

Site: ABC Barrel, Camden, NJ Consulting Firm: Dresdner Robin Enviromental Management
 Date: 15-Dec-08
 Weather: 50°F, Breezy, Sunny Field Personnel: Trevor Reilly

Monitor Well #: MW-4 Well Depth (ft): 18' Screened/Open Interval (ft): 3'-18'
 Well Permit #: Well Diameter (in): 4"

PID/FID Readings (ppm):
 Background: 0.0 Pump Intake Depth: 12.50 ft below TOC
 Beneath Outer Cap: 0.0
 Beneath Inner Cap: 0.0 Depth to Water Before Pump Installation: 10.58 ft below TOC

Time	Purging	Sampling	pH (su)		Specific Conductivity (mS/cm)		REDOX Potential (mv)		Dissolved O2 (mg/L)		Turbidity (NTU)		Temperature (Degrees C)		Pump Rate (ml/min)	Depth to Water (Ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1128	X		6.71	NA	0.633	NA	112	NA	0.46	NA	280.0	NA	17.96	NA	200	13.49
1133	X		6.75	0.04	0.601	-0.032	74	-38.00	0.22	-0.24	246.0	-34.00	18.48	0.52	200	11.74
1138	X		6.64	-0.11	0.596	-0.005	66	-8.00	0.18	-0.04	233.0	-13.00	18.99	0.51	200	11.74
1143	X		6.60	-0.04	0.595	-0.001	62	-4.00	0.10	-0.08	222.0	-11.00	19.22	0.23	200	11.74
1148	X		6.60	0.00	0.595	0.000	59	-3.00	0.14	0.04	216.0	-6.00	19.7	0.48	200	11.74
1153	X		6.64	0.04	0.954	0.359	58	-1.00	0.00	-0.14	197.0	-19.00	19.67	-0.03	200	11.71
1158		X													200	

+/- 0.1	+/- 3%	+/- 10	+/- 10%	+/- 10%	+/- 3%
---------	--------	--------	---------	---------	--------

COMMENTS: *sample was clear, on odor or sheen*

Well Records / Form B's

DWR-133M
5/06 4-

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PROPOSED
PROPOSED
Permit No. _____

Mail To:
NJDEP
BUREAU OF WATER SYSTEMS
AND WELL PERMITTING
PO BOX 426
TRENTON, NJ 08625-0426

MONITORING WELL PERMIT

VALID ONLY AFTER APPROVAL BY THE D.E.P.

COORD # 31 of 100

Owner CAMDEN REDEVELOPMENT AGENCY
Address CAMDEN CITY HALL, SUITE 1300, PO BOX 75120
CAMDEN, N.J. 08102

Driller Tabasco Drilling Co. Inc.
Address PO BOX 1074
MT. WINDLEBURY COLTY

Name of Facility AEC BUCKET COMPANY SITE
Address 314-322 N. FRONT STREET
CAMDEN, NJ 08102

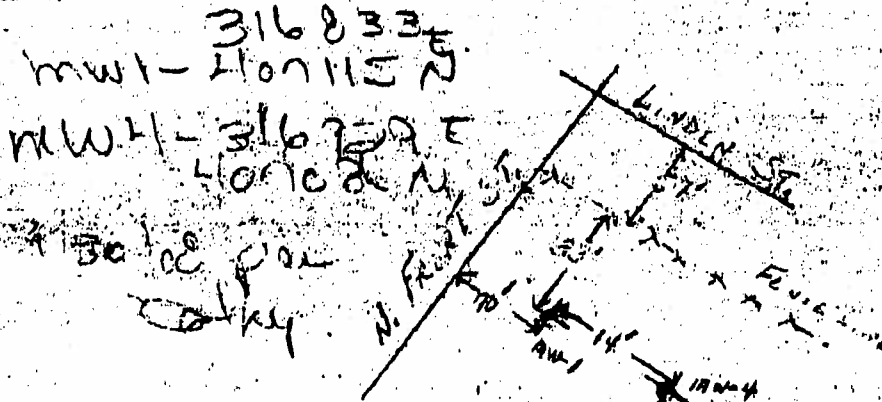
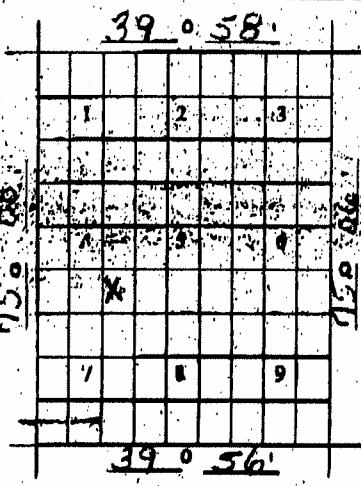
Depth of Well(s)	<u>4</u> feet	Proposed Depth of Well(s)	<u>20</u> feet
# of Wells	<u>2</u>	WRI pumping equipment or utilized?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Applied for (max. 10)	<u>2</u>	If Yes, give pump capacity	<u>1/4</u> cumulative GPM
Type of Well (see reverse)			

LOCATION OF WELL(S)

Lot #	Block #	Municipality	County
<u>3-4-1</u>		<u>CAMDEN</u>	<u>CAMDEN</u>

Draw sketch of well(s) nearest roads, buildings, etc. with marked distances in feet. Each well MUST be labeled with a name and/or number on the sketch.

State Atlas Map No. 31



PROPOSED WELL LOCATION (NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: <u>407086</u>	EASTING: <u>316722</u>
LATITUDE: <u>0</u>	OR LONGITUDE: <u>0</u>

FOR MONITORING WELLS, DISCOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT. PLEASE INDICATE WHY THE WELLS ARE BEING INSTALLED:

- RCRA Site
- Spill Site
- Underground Storage Tank Site
- ISRA Site
- Operational Ground Water Permit Site
- CERCLA (Superfund) Site
- Pretreatment and Recharge Site
- Water and Hazardous Waste Enforcement Case
- Water Supply Aquifer Test Observation Well
- Other (Specify): For monitoring purposes only

CASB I.D. Number _____

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J. D.E.P.

OCT 1 2008

BUREAU OF WATER SYSTEMS
& WELL PERMITTING

FOR: Issuance of this permit is subject to the conditions attached. (see next page) For monitoring purposes only
D.E.P. USE

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS PERTAINING TO THIS PERMIT.
In compliance with N.J.A.C. 17:27A-14, application is made for a permit to drill a well as described above.

Date 7/10/08 Signature of Driller _____ Registration No. _____
Signature of Property Owner _____

4402

New Jersey Department of Environmental Protection
Bureau of Water Allocation

Well Permit Number
P200801109

MONITORING WELL RECORD

Atlas Sheet Coordinates
3101646

OWNER IDENTIFICATION CAMDEN REDEVELOPMENT AGENCY

Address SUITE 1300 / PO BOX 95120 CAMDEN CITY HALL
City Camden State New Jersey Zip Code 08102

WELL LOCATION - If not the same as owner please give address
County Camden Municipality Camden City Owner's Well No. MW-1
Lot No. 38 & 45 Block No. 62
Address 314-322 N. FRONT STREET / MW1 ABC BARREL COMPANY SITE

WELL USE Monitoring DATE WELL STARTED 10-7-08
DATE WELL COMPLETED 10-7-08

WELL CONSTRUCTION

Total Depth Drilled 18 ft.
Finished Well Depth 18 ft.
Borehole Diameter:
Top 10 in.
Bottom 10 in.

Well was finished: above grade
 flush mounted
If finished above grade, casing height (stick up) above land surface N/A ft.

Steel protective casing installed?
 Yes No

Static Water Level after drilling 6 ft.

Water Level was Measured Using M-Scope

Well was developed for .5 hours
at 2 gpm

Method of development Submersible pump

Pump Capacity 2 gpm

Pump Type 12 Volt whaler

Drilling Fluid N/A Type of Rig Diedrich D-120

Health and Safety Plan Submitted? Yes No

Level of Protection used on site (circle one) None (D) C B A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company TABASCO DRILLING CORP

Well Driller (Print) William Lightner

Driller's Signature [Signature]

Registration No. MW-215733 Date 10/8/08

Note: Measure all depths from land surface	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt./Rating (lbs/sch no.)
Single/Inner Casing	0	3	4	PVC	SCH 40
Middle Casing (for triple cased wells only)					
Outer Casing (largest diameter)					
Open Hole or Screen (No. Used <u>.10</u>)	3	18	4	PVC	SCH 40
Blank Casings (No. Used)					
Tail Piece					
Gravel Pack	2	18	10	NO. 1 WELLSAP	500 lbs
Grout	0	2	10	Neat Cement Bentonite	99 lbs 5 lbs

Grouting Method Placement
Drilling Method H2A

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations

0-5 Fill Material, Rubel
5-10 med sand
10-18 med sand to fine

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____ EASTING: _____

OR

LATITUDE: _____° _____' _____" LONGITUDE: _____° _____' _____"

ORIGINAL: DEP

COPIES: DRILLER

OWNER

HEALTH DEPARTMENT

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: Camden Redevelopment Agency (CRA)

Name of Facility: ABC Barrel Company

Location: 314-322 North Front Street (Block 62, Lots 38 and 45), City of Camden, Camden County, NJ

Case Number(s) 95-09-14-1206-53 (UST #, ISRA #, Incident # or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: P200801109

(This number must be permanently affixed to the well casing)

Owners Well Number (As shown on application or plans): MW-4

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 75° 07' 29.6" Latitude: North 39° 56' 57.5"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 407,060 East 316,936

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 12.40

Elevation of Top of Cover 12.74

Elevation of Ground (nearest 0.1) 12.7

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

OPUS Solution, Nearest published station used NJ Inst of Tech 2 (NJ12)

Significant observations and notes:

AUTHENTICATION

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL



PROFESSIONAL LAND SURVEYOR'S SIGNATURE

2/24/09

DATE

Timothy R. Corcoran, Professional Land Surveyor, New Jersey License Number 36715

PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER

Dresdner Robin, 4300 Haddonfield, Pennsauken, NJ 080109 PHONE: 856-468-6200

PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: Camden Redevelopment Agency (CRA)

Name of Facility: ABC Barrel Company

Location: 314-322 North Front Street (Block 62, Lots 38 and 45), City of Camden, Camden County, NJ

Case Number(s) 95-09-14-1206-53 (UST #, ISRA #, Incident # or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: _____

(This number must be permanently affixed to the well casing)

Owners Well Number (As shown on application or plans): MW-3

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 75° 07' 32.0' Latitude: North 39° 56' 57.4'

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 407,058 East 316,751

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 9.07

Elevation of Top of Cover 9.46

Elevation of Ground (nearest 0.1) 9.5

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

OPUS Solution, Nearest published station used NJ Inst of Tech 2 (NJ12)

Significant observations and notes: _____

AUTHENTICATION

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL



PROFESSIONAL LAND SURVEYOR'S SIGNATURE

2/24/09

DATE

Timothy R. Corcoran, Professional Land Surveyor, New Jersey License Number 36715
PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER

Dresdner Robin, 4300 Haddonfield, Pennsauken, NJ 080109 PHONE: 856-488-6200
PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: Camden Redevelopment Agency (CRA)

Name of Facility: ABC Barrel Company

Location: 314-322 North Front Street (Block 62, Lots 38 and 45), City of Camden, Camden County, NJ

Case Number(s) 95-09-14-1206-53 (UST #, ISRA #, Incident # or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: _____

(This number must be permanently affixed to the well casing)

Owners Well Number (As shown on application or plans): MW-2

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 75° 07' 31.7" Latitude: North 39° 56' 58.3"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 407,146 East 316,779

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 9.89

Elevation of Top of Cover 9.89

Elevation of Ground (nearest 0.1) 9.9

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

OPUS Solution, Nearest published station used NJ Inst of Tech 2 (NJ12)

Significant observations and notes: _____

AUTHENTICATION

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL



PROFESSIONAL LAND SURVEYOR'S SIGNATURE

2/26/09

DATE

Timothy R. Corcoran, Professional Land Surveyor, New Jersey License Number 38715

PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER

Dresdner Robin, 4300 Haddonfield, Pennsauken, NJ 080109 PHONE: 856-488-6200

PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: Camden Redevelopment Agency (CRA)

Name of Facility: ABC Barrel Company

Location: 314-322 North Front Street (Block 62, Lots 38 and 45), City of Camden, Camden County, NJ

Case Number(s) 95-09-14-1206-53 (UST #, ISRA #, Incident # or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number: _____

(This number must be permanently affixed to the well casing)

Owners Well Number (As shown on application or plans): MW-1

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 75° 07' 29.9" Latitude: North 39° 56' 57.9"

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 407,106 East 316,922

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 12.16

Elevation of Top of Cover 12.61

Elevation of Ground (nearest 0.1) 12.8

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

OPUS Solution, Nearest published station used NJ Inst of Tech 2 (NJ12)

Significant observations and notes: _____

AUTHENTICATION

I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL



PROFESSIONAL LAND SURVEYOR'S SIGNATURE

2/24/09

DATE

Timothy R. Corcoran, Professional Land Surveyor, New Jersey License Number 36715

PROFESSIONAL LAND SURVEYOR'S NAME AND LICENSE NUMBER

Dresdner Robin, 4300 Haddonfield, Pennsauken, NJ 080109 PHONE: 856-488-6200

PROFESSIONAL LAND SURVEYOR'S ADDRESS AND PHONE NUMBER

APPENDIX I
Sensitive Population Checklist Documentation

Sensitive Population & Resource Checklist

Guidance for preparing the Checklist is available at

http://www.nj.gov/dep/srp/guidance/public_notification/

Please provide the following information:

1. Name, Address, Telephone and Email of Person Responsible for Conducting the Remediation
2. Site Name, Address, Municipality and County, Tax block and lot number(s)
3. A list of any Site Identifiers, as applicable: a) Program Interest name and number (Preferred ID#) b) ISRA ID Number, c) Case Number or Incident Report Number, d) UST Registration Number, or e) Date of each No Further Action (NFA) letter for the site
4. Municipal Contact, if any, and contact information
5. Case manager, if assigned

Check below all sensitive populations and resources that are located within 200 feet of the property boundary, and attach supporting information.

- Residences: list addresses (multiple addresses may be summarized as Residences 1-10 Main Street)
- Potable wells: list potable wells and their locations
- Public and private schools that teach students in any of the grades kindergarten through twelve
- Child care facilities: list names and addresses
- Public parks and playgrounds: list names and addresses
- Surface water bodies: list names and locations
- Tier I well-head protection areas: list locations
- Environmental Justice Petition neighborhoods
- Languages other than English predominantly spoken by property owners and tenants: list alternative language(s)

OR

- There are NO sensitive populations located within 200 feet of the property boundary

NOTE:

If any sensitive populations and resources are identified:

A scaled map indicating the location of the site and the location of each sensitive population and resources shall be submitted in hard copy and electronically. Guidance for producing electronic maps is available at the Department's Geographic Information Systems website (<http://www.nj.gov/dep/gis/newmapping.htm>), which provides users with guidance and links to internet mapping applications and data downloads.

SENSITIVE RECEPTOR EVALUATION

On behalf of the Camden Redevelopment Agency (CRA), DRESDNER ROBIN has prepared this Sensitive Population and Resource Checklist for the Site designated as the ABC Barrel Company Site, located at 308-322 North Front Street and 320 North 2nd Street in the City of Camden, Camden County, New Jersey. A copy of the completed checklist is attached.

The Site has been identified as Program Interest No. 006594 under NJDEP's Southern Bureau of Field Operations (BFO-S) and has a Case Number of 95-09-14-1206-53 as a result of a historical discharge from the a UST. The case manager for the property is Ms. Cheryl Priest.

SENSITIVE POPULATIONS AND RESOURCES

Residences

Several residential buildings have been identified within 200 feet of the Site boundary and the addresses are listed below:

- 101-125 Linden Street
- 410-412 North 2nd Street
- 310, 328 and 330 North 2nd Street
- 310-338 Point Street
- Block 69, Lot 1 identified as 215 North 3rd Street and utilized as a dormitory by Rutgers University.
- 100-122 Linden Street
- 317 and 319 North 2nd Street
- 101-119 Penn Street

The residential properties were identified by using tax record information from public web pages, tax maps, City of Camden Tax Assessor and aerial photography. A scaled map indicating the locations of the residences is attached as **Figure 1**.

Potable Wells

No Public Community Supply Wells have been identified within 200 feet of the Site boundary using the NJDEP GIS database and i-MapNJ. The search results are attached as **Figures 1 and 2**, respectively.

Public and Private Schools

No public or private schools were identified as a Known Contaminated Site or NJEMs Site within 200 feet of the Site boundary using i-MapNJ or on the NJ Department of Education list of schools.

Child Care Facilities

No child care facilities were identified as a Known Contaminated Site or NJEMs Site within 200 feet of the Site boundary using i-MapNJ or on the NJ Department of Education licensed child care facilities list.

Public Parks and Playgrounds

A playing field is identified within a 200 foot radius of the Site boundary using i-MapNJ, or aerial photography and the NJDEP GIS database. The search results are attached as **Figures 1 and 2**, respectively.

Surface Water

No streams or other water bodies were identified on the Site or properties within a 200 foot radius of the Site boundary based on i-MapNJ, aerial photography or the NJDEP GIS database. The search results are attached as **Figures 1 and 2**, respectively.

Tier 1 Well-Head Protection Areas

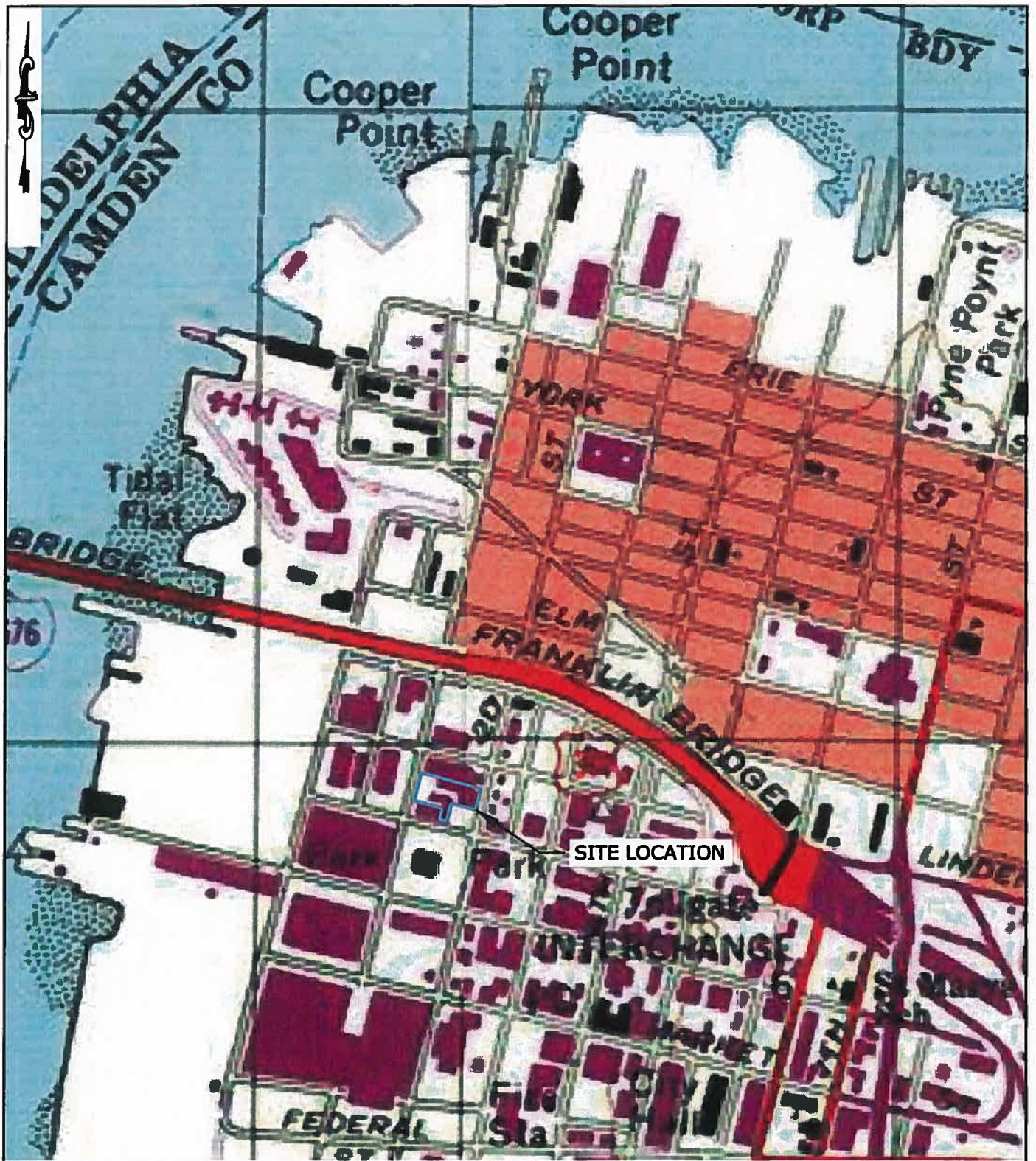
No community and non-community well head protection areas were identified on the Site or properties within a 200 foot radius of the Site boundary based on i-MapNJ and the NJDEP GIS database.

Environmental Justice Petition Neighborhoods


The Site and properties located within 200 feet of the Site boundary are located in a municipality where an Environmental Justice Petition has been selected by the New Jersey Environmental Justice Task Force to advance to action plan development. The petition is for various concerns regarding environmental remediation and public health. A list of environmental Justice Petition neighborhoods by the NJ Environmental Justice Task Force and the USEPA Environmental Justice program is attached.

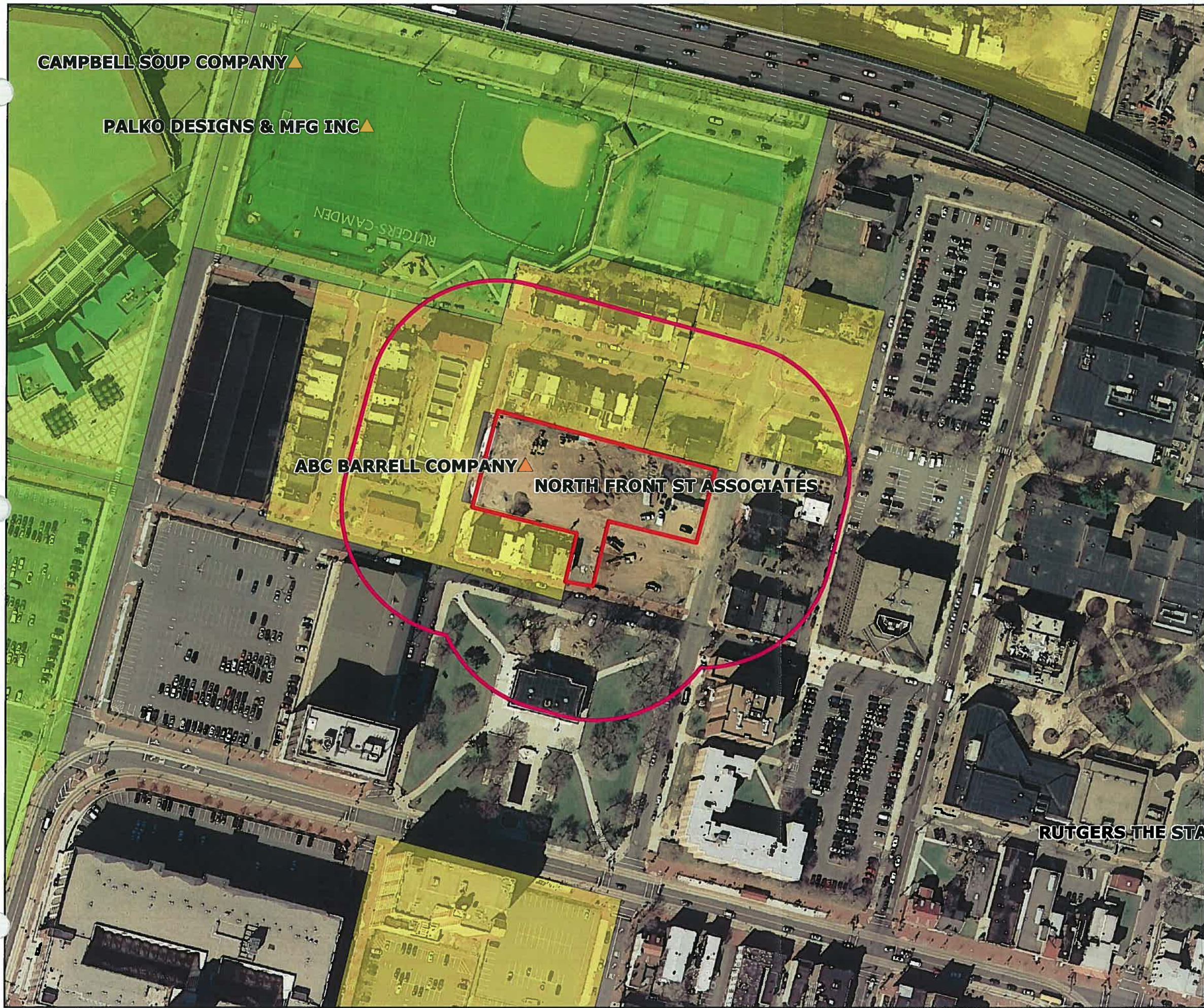
Language Other Than English Predominantly Spoken

Based on 2000 Census data, approximately 42.2-46.0% of the population at the Site and within 200 feet of the Site boundary speak a language other than English. Based on the 2005-2007 3-year estimate, approximately 35.5% of the population in the City of Camden (5 years and older) speaks a language other than English.



Source: USGS Map 2002

 <p>DRESDNER ROBIN Engineering • Environmental Planning • Surveying • Landscape Architecture</p> <p>371 WARREN STREET JERSEY CITY, NEW JERSEY 07302 (201) 217-9200</p>	<p>REGIONAL SITE LOCATION MAP</p>	<p>Scale: Not to Scale</p>
	<p>ABC BARREL COMPANY SITE, CAMDEN REDEVELOPMENT AGENCY SUPPLEMENTARY REMEDIAL INVESTIGATION / HISTORIC REMEDIAL ACTION REPORT</p>	<p>Job Number: Q:\Env\Env.Manage. Group\B904-01 CRA - ABC Barrel Co RI-RAR</p> <p>File: Figures</p> <p>Date: 07/02/10</p> <p>DWG Number: 1</p>
	<p>308-322 NORTH FRONT STREET CAMDEN, CAMDEN COUNTY, NEW JERSEY</p>	



Legend

- APPROXIMATE SITE BOUNDARY
- 200 FOOT BUFFER
- ▲ KNOWN CONTAMINATED SITE
- RESIDENTIAL
- RECREATION
- OPEN SPACE - STATE OWNED
- SURFACE WATER
- * PUBLIC SUPPLY WELL

NOTE:

1. SINCE NO PUBLIC SUPPLY WELLS ARE DEPICTED WITHIN THE EXTENT OF THIS MAP, WELL PROTECTION AREAS ARE NOT APPLICABLE.
2. NO OPEN SPACE-STATE OWNED AREAS ARE IDENTIFIED WITHIN THE EXTENT OF THIS MAP.



PROJECT: **REMEDIAL INVESTIGATION
ABC BARREL COMPANY SITE,
CAMDEN REDEVELOPMENT AGENCY**

LOCATION: **308-322 NORTH FRONT STREET
CAMDEN, CAMDEN COUNTY, NEW JERSEY**

DRAWING TITLE: **ENVIRONMENTAL SENSITIVE RECEPTOR MAP**



371 WARREN STREET, JERSEY CITY, NEW JERSEY, 07302

DRAWN BY: J.S.V	JOB NUMBER: B-904-01
CHECKED BY: R.G	FILE: N:\Projects\B904-01\ABCBarrel
DATE: 09/01/09	DWG. NUMBER: 1
SCALE: 1 inch equals 150 feet	

New Jersey Map



Scale 1:2199



- ▲ NJEMS Sites
- ★ Public Community Water Supply Wells
- ★ Known Contaminated Sites List
- Open Space (State)
- ~ Streams
- Water Bodies
- Well Head Protection Areas (Community)**
- Tier 1: 2-Year
- Tier 2: 5-Year
- Tier 3: 12-Year
- Well Head Protection Areas (Non-Community)**
- Tier 1: 2-Year
- Tier 2: 5-Year
- Tier 3: 12-Year
- Aerial Photos 2002**
- Mid-Atlantic States**
- New Jersey
- Other States

(C) NJ DEP
 NJ DEP makes no representations of any kind, including but not limited to, the warranties of merchantability or fitness for a particular use, nor are any such warranties to be implied with respect to the digital data layers on this map. All scales noted are approximate.

0 0.028 mi

NJEMS Sites

Rec	NJEMS Site ID (e.g. 00012345)	Site Name	Address Line 1	Address Line 2	City	State	Zip Code	County	Municipality	X	Y
1	60259	AABCO STEEL DRUM INC	308 322 FRONT ST		CAMDEN	NJ	08102	CAMDEN	CAMDEN CITY	316816	407105

NJEMS Sites

Rec	NJEMS Site ID (e.g. 00012345)	Site Name	Address Line 1	Address Line 2	City	State	Zip Code	County	Municipality	X	Y
1	153526	VERIZON COMMUNICATIONS INC	N 2ND ST & PENN ST		CAMDEN CITY	NJ	08102	CAMDEN	CAMDEN CITY	317066	406859

Known Contaminated Sites List

Rec	Site Id	KCSL Name	Address	Municipality	County	Zip	PI Number	Lead Program	Case Status	Status Date	Remedial Level	Classification Exception Area (CEA) Status	CEA Date	Deed Notice Status	Deed Notice Date	Engineering Control	Engl Co t
1	60259	NORTH FRONT ST ASSOCIATES	308-322 N FRONT ST	Camden City	Camden	08102	006594	BFO-S	Active	Fri, 24 Jan 1997 00:00:00	C2: Formal Design - Known Source or Release with GW Contamination	None		None		None	

County	Cox	County Nai District	Cox District	Name	Title	School	Cox	School Name	Principal	Address Line 1	Address Line 2	city	state	zip	Principal P1sch_Type	sch_type_code
07	CAMDEN	0680	CAMDEN CITY	Bonsall E.S.	Dr.	100	0680	MT EPHRAIM AVE & CHASE ST	Principal			CAMDEN	NJ	08104	(856)966-5	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Brimm Medical Arts H.S.	Mr.	029	0680	1625 Copewood Street	Principal			CAMDEN	NJ	08103	(856)966-2	FOUR-YEAR/15
07	CAMDEN	0680	CAMDEN CITY	Cooper's Poynt E.S.	Ms.	030	0680	BAIRD & PARK BLVDS	Principal			CAMDEN	NJ	08103	(856)966-5	FOUR-YEAR/15
07	CAMDEN	0680	CAMDEN CITY	Cramer E.S.	Ms.	165	0680	3RD & STATE	Principal			CAMDEN	NJ	08102	(856)966-5	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Creative and Performing Arts I.Ms.	Ms.	170	0680	29TH & MICKLE STS	Principal			CAMDEN	NJ	08105-227	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Davis E.S.	Ms.	240	0680	Filmora and Carl Miller Blvd.	Principal			CAMDEN	NJ	08104	(856)966-8	FOUR-YEAR/15
07	CAMDEN	0680	CAMDEN CITY	Early Childhood Development	Ms.	180	0680	34TH & CRAMER	Principal			CAMDEN	NJ	08105	(856)966-4	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	East Camden M.S.	Ms.	045	0680	23RD & HIGH ST	Principal			CAMDEN	NJ	08105-116	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Forest Hill E.S.	Ms.	205	0680	3064 Stevens Street	Principal			CAMDEN	NJ	08105	(856)966-5	MIDDLE S 13
07	CAMDEN	0680	CAMDEN CITY	H. B. Wilson E.S.	Ms.	350	0680	PARK BLVD & WILDWOOD AVE	Principal			CAMDEN	NJ	08103	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Hatch M.S.	Ms.	210	0680	PARK BLVD & EUCLID AVE	Principal			CAMDEN	NJ	08104	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Jerrothia Riggs Adult Educatio	Mr.	010	0680	PARK BLVD & EUCLID AVE	Principal			CAMDEN	NJ	08103	(856)966-5	MIDDLE S 13
07	CAMDEN	0680	CAMDEN CITY	Lanning Square E.S.	Dr.	215	0680	1656 Kaighn Avenue	Principal			CAMDEN	NJ	08103	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	McGraw E.S.	Ms.	230	0680	5TH & BERKLEY STS	Principal			CAMDEN	NJ	08103-111	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Morgan Village M.S.	Mr.	245	0680	DUDLEY & FREMONT STS	Principal			CAMDEN	NJ	08105	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Octavius Catto Demonstration School	Ms.	145	0680	MORGAN BLVD & FAIRVIEW ST	Principal			CAMDEN	NJ	08104	(856)966-5	MIDDLE S 13
07	CAMDEN	0680	CAMDEN CITY	Parkside E.S.	Ms.	260	0680	3060 Westfield Ave	Principal			CAMDEN	NJ	08105	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Powell E.S.	Ms.	270	0680	PARK & WILDWOOD AVENUES	Principal			CAMDEN	NJ	08103	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Pyne Poynt Family M.S.	Mr.	070	0680	10TH & LINDEN STS	Principal			CAMDEN	NJ	08105	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Raphael Cordero Molina E.S.	Mr.	250	0680	7th & Erie Street	Principal			CAMDEN	NJ	08102-221	(856)966-5	MIDDLE S 13
07	CAMDEN	0680	CAMDEN CITY	Rilettia T. Cream E.S.	Ms.	175	0680	7TH & VINE STS	Principal			CAMDEN	NJ	08102-221	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Sharp E.S.	Ms.	300	0680	Mulford & Budd Streets	Principal			CAMDEN	NJ	08104	(856)966-4	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	South Camden Alternative Sct Dr.	Ms.	027	0680	32ND & HAYES AVE	Principal			CAMDEN	NJ	08105	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	U.S. Wiggins E.S.	Mr.	310	0680	555 Mt. Vernon St.	Principal			CAMDEN	NJ	08103	(856)966-5	MIDDLE S 13
07	CAMDEN	0680	CAMDEN CITY	Veterans Memorial M.S.	Ms.	320	0680	8TH & JACKSON STS	Principal			CAMDEN	NJ	08104	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Washington E.S.	Mr.	080	0680	Acting Prin 5TH & MT VERNON STS	Principal			CAMDEN	NJ	08103-205	(856)966-5	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Whittier E.S.	Ms.	330	0680	Acting Prin 26TH & HAYES AVE	Principal			CAMDEN	NJ	08105	(856)966-5	MIDDLE S 13
07	CAMDEN	0680	CAMDEN CITY	Woodrow Wilson H.S.	Mr.	340	0680	1033 CAMBRIDGE AVENUE	Principal			CAMDEN	NJ	08105	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY	Yorkship E.S.	Ms.	040	0680	Acting Prin 8TH & CHESTNUT STS	Principal			CAMDEN	NJ	08105	(856)966-5	FOUR-YEAR/15
07	CAMDEN	0680	CAMDEN CITY		Ms.	360	0680	Acting Prin 31ST & FEDERAL STS	Principal			CAMDEN	NJ	08105	(856)966-8	ELEMENT.12
07	CAMDEN	0680	CAMDEN CITY		Ms.			Collings Road & Fairview St.	Principal			CAMDEN	NJ	08104	(856)966-5	ELEMENT.12

NJ Department of Children and Families
 Licensed Child Care Centers
 As of 8/5/09

COUNTY	CENTER NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP	AGES SERVED	LIC. CAPACITY	PHONE
	Junior Woman's Club of Barrington	229 TRENTON AVE		BARRINGTON	NJ	8007	2½ to 6	15	8565470706
	Tender Loving Care University V	120 CLEMENTS BRIDGE RD		BARRINGTON	NJ	8007	0 to 6	54	8565466969
	The Birchtree Academy	112 CLEMENTS BRIDGE RD		BARRINGTON	NJ	8007	0 to 6	30	8565479333
	Just Kids - Bellmawr Park School	29 PEACH RD		BELLMAWR	NJ	8031	6 to 13	60	8569052024
	Just Kids - Ethel Burke School	BLACK HORSE PIKE		BELLMAWR	NJ	8031	6 to 13	60	8569052025
	Little V.I.P.'s Preschool	318 E BROWNING RD		BELLMAWR	NJ	8031	0 to 6	97	8569311811
	Berlin United Methodist Nursery School	151 S WHITE HORSE PIKE		BERLIN	NJ	8009	2½ to 6	35	8567677408
	Carousel of Learning, Inc.	189 WATSONTOWN NEW FREEDOM RD		BERLIN	NJ	8009	0 to 6	51	8568090899
	CDI Head Start at Berlin Center	306 SPRUCE AVENUE		BERLIN	NJ	8009	2½ to 6	21	8569642100
	Kiddie Junction	158 W. WHITE HORSE PIKE		BERLIN	NJ	8009	0 to 6	47	8567531355
	Kiddie Junction, LLC d/b/a Kiddie Junction Child Development	9 LINDEN AVENUE		BERLIN	NJ	08009-9004	0 to 13	47	8567677878
	BPUM Child Development Center, Inc.	COLLEGE DR		BLACKWOOD	NJ	8012	2½ to 13	72	8562276872
	CDI Head Start at Blackwood Center	35 E. CHURCH STREET		BLACKWOOD	NJ	8012	2½ to 6	56	8569642100
	Mother Goose Learning Center	200 LITTLE GLOUCESTER RD		BLACKWOOD	NJ	8012	0 to 13	112	8562270012
	Schearer Learn and Play	536 S BLACK HORSE PIKE		BLACKWOOD	NJ	8012	2½ to 13	27	8563741010
	Sonshine PreSchool & Daycare	1583 BLACKWOOD-CLEMENTON RD		BLACKWOOD	NJ	8012	2½ to 13	30	8562285050
	The Learning Experience	606 LITTLE GLOUCESTER ROAD		BLACKWOOD	NJ	8012	0 to 13	182	9735395392
	Brooklawn United Methodist Christian Nursery School	MAUDE AVE		BROOKLAWN	NJ	8030	2½ to 6	40	8564560370
	Acclero Learning Camden Early Head Start	250 FEDERAL STREET		CAMDEN	NJ	8103	0 to 6	45	8566350002
	Angels Alley Child Care Center	1555 HADDON AVE		CAMDEN	NJ	8103	0 to 6	78	8563657961

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COUNTY	CENTER NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP	AGES SERVED	LIC. CAPACITY	PHONE
	Aspira Family Friendly Center	601 VINE STREET	R.C. MOLINA ELEMENTARY SCHOOL	CAMDEN	NJ	8102	6 to 13	50	8569668969
	Bernice Miller Day Care Center	1157 HADDON AVE		CAMDEN	NJ	8102	0 to 6	45	8565413060
	BL V Day Care Center	1194 AND 1200 YORKSHIP SQUARE		CAMDEN	NJ	8104	0 to 13	68	8569634496
	Boys & Girls Club of Camden Co- Marjorie & Lewis Katz E Camde	2 SOUTH DUDLEY STREET		CAMDEN	NJ	8105	6 to 13	405	8569122710
	Boys & Girls Club of Camden County	1709 Park Blvd		Camden	NJ	8103	6 to 13	325	8569669700
	BPUM Child Dev. Centers, Inc/South Camden Center	1200-04 ATLANTIC AVE		CAMDEN	NJ	8104	0 to 6	109	8569666880
	BPUM Child Development, Inc.Inc./West Street	501 W STREET		CAMDEN	NJ	8103	0 to 13	171	8565410661
	Broadway Family Center	250 LINE STREET		CAMDEN	NJ	8103	0 to 6	120	8569635111
	Building Blocks of Life Day Care	3710 FEDERAL STREET		CAMDEN	NJ	8105	0 to 6	50	8565412000
	Camden Day Nursery Association	327 STE VENS STREET		CAMDEN	NJ	8103	0 to 13	130	8563652200
	Campbell's Family Center	1 CAMPBELL PL		CAMDEN	NJ	8101	0 to 13	150	8563426319
	Catapult Learning at Camden Early Childhood Development Cent	1602 PINE STREET		CAMDEN	NJ	8103	2 1/2 to 6	120	85696664171
	CDI Head Start at A. Wright Place Center	333 KAIGHN AVENUE		CAMDEN	NJ	8103	2 1/2 to 6	79	8569640332
	CDI Head Start at Centerville Center	1475 S. 8TH STREET		CAMDEN	NJ	8103	2 1/2 to 6	210	8569642100
	CDI Head Start at Community United Inc (CUJ)	538 BROADWAY AVENUE		CAMDEN	NJ	8103	2 1/2 to 6	49	8569642100
	CDI Head Start at North Twenty- Seventh Street Center	804-6 NORTH 27TH STREET		CAMDEN	NJ	8105	2 1/2 to 6	102	8569642100
	CDI Head Start at Pierce Street	17 AND PIERCE STREET		CAMDEN	NJ	8100	2 1/2 to 6	125	8569642100
	CDI Head Start at Pine Street Charles Summer Elementary School After School Program	508-516 PINE STREET 1600 8TH STREET		CAMDEN	NJ	8103	2 1/2 to 6	125	8569642100
				CAMDEN	NJ	8104	6 to 13	250	8569668908

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COUNTY	CENTER NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP	AGES SERVED	LIC. CAPACITY	PHONE
	Communities In Schools of New Jersey-Cooper's Poynt	201 STATE STREET		CAMDEN	NJ	8102	6 to 13	170	6098285047
	Communities In Schools of New Jersey-Davis	3425 CRAMER STREET		CAMDEN	NJ	08105-1699	6 to 13	200	8567455467
	Communities In Schools of New Jersey-Molina	601 VINE STREET		CAMDEN	NJ	8102	6 to 13	200	8566279853
	Cramer Hill After School Program	2953 RIVER RD		CAMDEN	NJ	8105	2½ to 13	32	8569636666
	Dobby's & Henrietta's Tranquility Day Care	1411 KENWOOD AVE		CAMDEN	NJ	8103	2½ to 13	30	8569667211
	El Centro Comunal Borincano Day Care	617 N 2ND STREET		CAMDEN	NJ	8102	0 to 6	40	8565413696
	El Centro Comunal Borincano Day Care	438 MARTIN LUTHER KING BLVD		CAMDEN	NJ	8103	0 to 6	165	8565410201
	El Shaddai Day Care Center	328 CHERRY STREET		CAMDEN	NJ	8103	0 to 13	20	8567560175
	First Nazarene Christian Academy	1500 S EIGHTH STREET		CAMDEN	NJ	8104	0 to 6	12	8563650642
	Heaven's Little Angels Learning Center I	915 N 36TH STREET		CAMDEN	NJ	8105	2½ to 6	17	6095021748
	Hispanic Counseling & Family Services of NJ, Inc.	3908 WESTFIELD AVE		CAMDEN	NJ	8105	0 to 13	60	8565416065
	Kids World Child Development Center, Inc.	412 - 414 CHAMBERS AVE		CAMDEN	NJ	8103	0 to 13	55	8563650296
	LaBar Day Care - Ward Center	1101-1105 BROADWAY STREET		CAMDEN	NJ	8103	2½ to 6	42	8565414900
	LaBar Day Care & PreSchool Center	553 SPRUCE STREET		CAMDEN	NJ	8103	2½ to 13	60	8565414500
	Life Assembly Youth Program	800 ERIE STREET	PYNE POYNT MIDDLE SCHOOL	CAMDEN	NJ	8102	6 to 13	178	8569664501
	Little Minnie's Day Care Center	579 CLINTON STREET		CAMDEN	NJ	8103	0 to 13	45	8569636600
	Little Smiling Faces Day Care Center	1340 KAIGHN AVE		CAMDEN	NJ	8104	2½ to 6	28	8563381144
	Loida Development Center, Inc.	357 MORSE STREET		CAMDEN	NJ	8105	0 to 13	41	8563617963
	Martin L King Jr CDC-Rutgers Div.	67 PENN STREET		CAMDEN	NJ	8102	0 to 6	60	8569661661

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COUNTY	CENTER NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP	AGES SERVED	LIC. CAPACITY	PHONE
	Martin Luther King Jr. Child Development Center	678 FLORENCE STREET		CAMDEN	NJ	8104	2 to 13	175	8565419399
	Mary H. Thomas Nursery Home, Inc.	1435 S EIGHTH STREET		CAMDEN	NJ	8104	0 to 6	68	8563650040
	Maryam Early Learning Center	1131-33 HADDON AVENUE		CAMDEN	NJ	8103	0 to 13	60	8565800187
	Mi Casita Day Care Center	551 SPRUCE STREET		CAMDEN	NJ	8103	0 to 6	141	8565414772
	Mi Casita Day Care Center II	2601 CARMAN STREET		CAMDEN	NJ	8105	2½ to 6	90	8565413372
	Mt. Calvary CDI Headstart	1172 LA WRENCE STREET		CAMDEN	NJ	08102-1022	2½ to 6	193	8569642100
	New Horizons Childcare Academy	1459 HADDON AVE		CAMDEN	NJ	8104	0 to 13	306	8569667000
	NJA3 at Riletta Twyne Cream School	1875 MULFORD STREET		CAMDEN	NJ	8104	6 to 13	200	8569664763
	Our Little Ones Child Care Center	608 S BROADWAY STE B		CAMDEN	NJ	8103	0 to 13	18	8569669166
	Partners In Parenting II	3100 FEDERAL STREET		CAMDEN	NJ	8105	0 to 6	26	8569666616
	Partners In Parenting, Child Development Center	1700 PARK BLVD	CAMDEN HIGH SCHOOL	CAMDEN	NJ	8103	0 to 6	15	8566147667
	Precious Little Lites Day Care	517 MARKET STREET		CAMDEN	NJ	8102	0 to 13	74	8569635483
	Providence Pediatric Medical DayCare	1000 ATLANTIC AVE		CAMDEN	NJ	8104	0 to 6	60	8563380900
	Respond Leaps & Bounds	1000 ATLANTIC AVE		CAMDEN	NJ	8104	0 to 6	69	8569663701
	Respond, Inc - Linden Street Child Care Ctr.	400 N 9TH STREET		CAMDEN	NJ	8102	2½ to 6	94	8569660089
	Respond, Inc. - Fairview Village	3001-3007 FENWICK RD		CAMDEN	NJ	8104	0 to 6	120	8563654403
	Respond, Inc. - Infant Center	309 VINE STREET		CAMDEN	NJ	8102	0 to 6	120	8569668282
	Respond, Inc. - North Camden Child Development Center	548-554 STATE STREET		CAMDEN	NJ	8102	0 to 6	127	8569669081
	Respond, Inc. - Preschool/School Age Child Care Center	320 VINE ST		CAMDEN	NJ	8102	2½ to 13	108	8565410991
	Respond, Inc. - State Street Child Care Center	SIXTH AND STATE STREETS		CAMDEN	NJ	8102	2½ to 13	60	8565412268

NJ Department of Children and Families
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COUNTY	CENTER NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP	AGES SERVED	LIC. CAPACITY	PHONE
	Respond, Inc. - Stockton Preschool	200 S 27TH ST		CAMDEN	NJ	8105	2½ to 6	20	8569648460
	Respond, Inc.Inc. (Washington Street)	527 WASHINGTON STREET		CAMDEN	NJ	8103	2½ to 6	30	8563380052
	Respond, Inc-Bank Street Day Care	155 MARLTON AVE		CAMDEN	NJ	8102	0 to 6	120	8569639155
	Respond, Inc-East Camden Child Care Center	2926 WESTFIELD AVE		CAMDEN	NJ	8105	2½ to 6	49	8563659383
	Rock of Ages Christian Day Care	1000 CHESTNUT STREET		CAMDEN	NJ	8103	0 to 6	51	8565411079
	Rowan University PreSchool	200 N BROADWAY		CAMDEN	NJ	8102	2½ to 13	30	8567565407
	Rutgers Early Childhood Program	311 COOPER STREET		CAMDEN	NJ	8102	2½ to 6	30	8566141161
	Rutgers Early Childhood Program	639 COOPER STREET		CAMDEN	NJ	8102	2½ to 6	60	8566145619
	Saint Joseph's Child Development Center	17 CHURCH STREET		CAMDEN	NJ	8105	2½ to 6	120	8569638940
	St. John Baptist Church Youth Dev. Ctr.	30TH & HOWELL STREETS		CAMDEN	NJ	8105	0 to 6	60	8563653385
	The Happy Child Learning Center	1051-1053 HADDON AVE		CAMDEN	NJ	8103	0 to 13	45	8566140010
	The Neighborhood Center, Inc.	278 KAIGHNS AVE		CAMDEN	NJ	8103	0 to 13	180	8563655295
	Cedarbrook Academy	26 N ROUTE 73		CEDAR BROOK	NJ	8018	0 to 6	30	6097042881
	Jumpstart Academy	23 RAILROAD AVE		CEDAR BROOK	NJ	8018	0 to 13	135	6095673722
	Basically Babysitting, LLC	1334 BRACE RD		CHERRY HILL	NJ	8034	0 to 13	40	8564285100
	Beck Middle School	950 CROPWELL RD		CHERRY HILL	NJ	8003	6 to 13	120	8564244505
	Betty & Milton Katz Jewish Community Center PreSchool	1301 SPRINGDALE RD		CHERRY HILL	NJ	8003	0 to 13	414	8564244444
	Bret Harte Elementary School	1909 QUEEN ANNE DRIVE		CHERRY HILL	NJ	8003	6 to 13	100	8567950515
	Carusi Middle School	315 ROOSEVELT DRIVE		CHERRY HILL	NJ	8002	6 to 13	100	8566671220
	Clara Barton Elementary School	223 RHODE ISLAND AVE		CHERRY HILL	NJ	8002	2½ to 13	146	8566773303
	Clockwise Childcare	1808 HADDONFIELD-BERLIN ROAD		CHERRY HILL	NJ	8003	0 to 13	45	8563541990
	Colors of the Rainbow Learning Center	401 N KINGS HWY		CHERRY HILL	NJ	8002	0 to 13	57	8566670962

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Petition Update

Petitions Selected to move forward to Action Plan Development

Camden, NJ (Camden County)

Various concerns regarding environmental remediation and public health

1. [Compliance and Enforcement Initiatives Update to Community presented at November 16, 2006 Meeting \(pdf\)](#)
2. [Action Plan \(pdf\)](#)
3. [Camden Air Toxics Pilot Project-NJDEP Division of Environmental Regulation-Bureau of Technical Services](#)
4. [Site Remediation Information-Office of Community Relations](#)
5. [Asthma Outreach and Education Initiative in Camden Waterfront South](#)

Linden, NJ (Union County)

Tremley Point Environmental Protection

1. [EJ Task Force Statement of Finding \(pdf\)](#)
2. [Site Remediation Information-Office of Community Relations](#)

Long Branch, NJ (Monmouth County)

Former Manufactured Gas Plant Remediation

1. [Action Plan \(pdf\)](#)
(Dated: January 2006)
2. [Site Remediation Information-Office of Community Relations](#)

Newark, NJ (Essex County)

Pabst Brewery Demolition

1. [EJ Task Force Statement of Finding \(pdf\)](#)
2. [Site Remediation Information-Office of Community Relations](#)
3. [Site Remediation-Emergency Response Actions for Newark](#)

Ringwood, NJ (Passaic County)

Ringwood Former Superfund Site

1. [EJ Task Force Statement of Finding \(pdf\)](#)
2. [Site Remediation Information-Office of Community Relations](#)
3. [Site Remediation-Emergency Response Actions for Ringwood](#)

Petitions Not Chosen by the Task Force to advance to Action Plan Development

Jersey City, NJ (Hudson County)

Cross Harbor Freight Tunnel

1. [EJ Task Force Statement of Finding \(pdf\)](#)
2. [Site Remediation-Emergency Response Actions for Jersey City](#)

Roselle, NJ (Union County)

Reactivation of Local Train Line

1. [EJ Task Force Statement of Finding \(pdf\)](#)

**Environmental Justice Collaborative Problem-Solving
Cooperative Agreement Program
2007 Awards**

Project Descriptions

Region 1

Organization: *Vietnamese American Initiative for Development* (Boston, MA)

Project Description: The identified issue for this project is worker exposure to flammable and toxic floor finishing products. The environmental and/or public health result desired is the reduction in exposure to these toxics by floor finish workers. Viet-AID will accomplish this goal by: (1) working with and educating business owners and workers to practice safer handling techniques and use less toxic alternative floor finishing products; (2) work with business owners to promote product replacement by switching to less toxic products; (3) working with state and local governments to adopt legislation that requires floor finishers to be certified and to ban toxic lacquer sealers; and (4) educating customers on less toxic floor finishing products.

Region 2

Organization: *Southwest Area Neighborhood Association, Inc.* (Rochester, NY)

Project Description: The identified issue for this project is resident exposure to household hazards, namely lead, asthma triggers, and carbon monoxide. The environmental and/or public health result desired is the reduction in exposure of residents to these household hazards. SWAN will accomplish this goal by: (1) educating the residents on how to avoid household hazards and how to make personal changes to reduce exposure; (2) assisting residents on how to gain access to resources and services that address exposure to household hazards more effectively and efficiently; and (3) conducting follow-ups with the participants in the program and the resource providers to determine if changes in behavior occurred or if services were rendered.

Region 3

Organization: *Coalition for Environmentally Safe Communities* (Washington, DC)

Project Description: The identified issue for this project is resident exposure to household hazards, namely asthma triggers and lead. The environmental result desired is a reduction in exposure to such hazards. CESC plan to achieve their desired goal by: (1) creating sustainable, ongoing resources and technical assistance to DC organizations and agencies to improve their ability to respond to environmental health threats; and (2) providing training to staff and volunteers to identify procedures for informing residents of environmental hazards affecting them.

Region 4

Organization: *Rural Empowerment Association for Community Help* (Duplin, NC)

Project Description: The identified issue for this project is residents' exposure to air and water contaminants, particularly hydrogen sulfide, from local hog operations within Duplin County. The environmental and/or public health result the community hopes to achieve is a reduction in the exposure of residents to air and water contaminants from local hog operations. REACH hopes to achieve this goal by: (1) working with local hog operations to utilize new technologies

**Environmental Justice Small Grants Program
2008-9 Awards**

Project Descriptions

Region 1

Organization: *Rhode Island Legal Services, Inc.* (Providence, RI)

Project Description: Conducting a ten week class for 15 youth from the Hartford Park Public Housing Project in Providence, Rhode Island. Participating youth will create two 30-second public service announcement videos (one in English and one in Spanish) on the threats to human health posed by common household cleaning products and a 5-minute video on how solid waste and trash contribute to poor living and health conditions in low-income neighborhoods.

Organization: *United Somali Women of Maine* (Lewiston, ME)

Project Description: Developing and implementing an outreach campaign on lead hazards, the risks of pesticide application, and basic life skills to educate the refugee population residing in the Lewiston/Auburn area of central Maine. The project's goals are to increase community capacity to ensure the environmental quality and safety of their home environments while also reducing lead and pesticide hazards in homes.

Organization: *Spanish American Union, Inc.* (Springfield, MA)

Project Description: Improving the quality of the indoor environment in public housing developments by reducing exposure to pesticides, encouraging integrated pest management, and reducing asthma triggers for families at risk. The project will collaborate with partners and work with youth to provide education, outreach and encourage actions to raise awareness and reduce health hazards and risks from pesticides for families in public housing in Springfield, Massachusetts.

Organization: *Connecticut Coalition for Environmental Justice* (Hartford, CT)

Project Description: Reducing the negative health effects from air toxics in Hartford, New Haven and Bridgeport, Connecticut. It will provide education, outreach and capacity building for urban residents to reduce exposure to toxic cleaning products and encourage use of safer, less toxic alternatives to reduce environmental and public health problems in indoor environments.

Region 2

Organization: *Make the Road New York* (Brooklyn, NY)

Project Description: Conducting research and educating communities on the toxic risks of lead paint and pesticides. The research will identify the level of exposure to those risks and the reasons for that exposure (e.g., lack of knowledge, lack of alternatives, etc.). Residents will be educated on ways they can reduce their individual/household exposure, the dangers of lead paint poisoning and how to identify household toxics. The recipient will promote healthier alternatives, such as the use of Integrated Pest Management (IPM) practices as an alternative to toxic household pesticides.

Organization: *Heart of Camden, Inc.* (Camden, NJ)

Project Description: Studying and identifying the environmental and public health issues in Camden City, NJ. Specifically, it will develop a comprehensive environmental health information tool, consisting of emissions data, contaminated soil sites, the status of pending air pollution mitigation and site remediation effort data. A description of known and potential health effects, related to the identified pollutants will be developed. In addition, the project will analyze and compare the hospital utilization rates of Waterfront and South-Central Camden community members (i.e., for respiratory and cardiovascular disease) to other urban and suburban New Jersey communities.

Organization: *Green Faith* (New Brunswick, NJ)

Project Description: Studying air monitoring efforts and truck route identification related to operations at Port Newark, NJ. Toxic releases from this area will be identified by community youth and adult residents. The recipient will perform broad-based outreach and education on the results of these efforts to a range of Newark community and faith-based organizations. An Environmental Health and Justice Tour will be conducted for Newark residents. The project will provide the foundation for a long-range, comprehensive "greening" of Port Newark.

Organization: *Healthy Schools Network, Inc.* (Albany, NY)

Project Description: Engaging low-income communities and their schools in learning how to avoid asthma triggers, and empowering them to take action to reduce these triggers. The recipient will identify and select 15 communities from among six New York State counties, based on hospital discharge asthma-mapping data and student profiles from the NYS Departments of Health and Education, respectively. School officials will be identified, educational forums conducted (including webinars, meetings and interactive workshops) and local partnerships cultivated. Recommended actions will be provided to local schools and their communities for follow-up.

Region 3

Organization: *Heritage Health Foundation, Inc.* (Braddock, PA)

Project Description: Developing a community educational program to teach residents about asthma resulting from indoor and outdoor air quality, lead poisoning from lead-based paint, and asbestos exposures from older building materials. Public meetings will also be held to educate residents on local transportation-generated air quality factors and environmental health issues. In addition, the project will develop partnerships between different stakeholders, including residents, environmental groups and local governmental agencies.

Organization: *Episcopal Community Services of Maryland* (Baltimore, MD)

Project Description: Supporting the implementation of an intergenerational community education program to address the issues of household health factors that contribute to lead poisoning and asthma in Collington Square—an impoverished urban neighborhood in East Baltimore. The planning and implementation of this project will contribute to the



FACT SHEET

Camden city, New Jersey

2005-2007 American Community Survey 3-Year Estimates - what's this?

Data Profile Highlights:

NOTE. Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

	Estimate	Percent	U.S.	Margin of Error
Social Characteristics - show more >>				
Average household size	2.85	(X)	2.60	+/-0.08
Average family size	3.38	(X)	3.19	+/-0.11
Population 25 years and over	38,727			+/-1,182
High school graduate or higher	(X)	57.8	84.0%	(X)
Bachelor's degree or higher	(X)	6.1	27.0%	(X)
Civilian veterans (civilian population 18 years and over)	N	N	10.4%	N
Disability status (population 5 years and over)	13,197	21.6	15.1%	+/-1,193
Foreign born	8,424	12.0	12.5%	+/-1,233
Male, Now married, except separated (population 15 years and over)	6,746	28.8	52.6%	+/-672
Female, Now married, except separated (population 15 years and over)	6,119	21.7	48.5%	+/-553
Speak a language other than English at home (population 5 years and over)	22,579	35.5	19.5%	+/-1,434
Household population	67,472			+/-1,946
Group quarters population	(X)	(X)	(X)	(X)
Economic Characteristics - show more >>				
In labor force (population 16 years and over)	28,358	56.4	64.7%	+/-1,369
Mean travel time to work in minutes (workers 16 years and over)	24.6	(X)	25.1	+/-1.8
Median household income (in 2007 inflation-adjusted dollars)	23,154	(X)	50,007	+/-1,907
Median family income (in 2007 inflation-adjusted dollars)	25,415	(X)	60,374	+/-2,340
Per capita income (in 2007 inflation-adjusted dollars)	11,578	(X)	26,178	+/-615
Families below poverty level	(X)	37.9	9.8%	(X)
Individuals below poverty level	(X)	40.5	13.3%	(X)
Housing Characteristics - show more >>				
Total housing units	28,875			+/-560
Occupied housing units	23,700	82.1	88.4%	+/-645
Owner-occupied housing units	9,830	41.5	67.3%	+/-799
Renter-occupied housing units	13,870	58.5	32.7%	+/-838
Vacant housing units	5,175	17.9	11.6%	+/-671
Owner-occupied homes	9,830			+/-799
Median value (dollars)	71,900	(X)	181,800	+/-4,485
Median of selected monthly owner costs				
With a mortgage (dollars)	883	(X)	1,427	+/-31
Not mortgaged (dollars)	427	(X)	402	+/-32
ACS Demographic Estimates - show more >>				
Total population	70,390			+/-1,948
Male	32,711	46.5	49.2%	+/-1,352

Female	37,679	53.5	50.8%	+/-1,283
Median age (years)	27.7	(X)	36.4	+/-0.6
Under 5 years	6,756	9.6	6.9%	+/-582
18 years and over	47,172	67.0	75.3%	+/-1,374
65 years and over	5,497	7.8	12.5%	+/-543
One race	69,093	98.2	97.9%	+/-2,105
White	9,081	12.9	74.1%	+/-1,348
Black or African American	34,871	49.5	12.4%	+/-1,730
American Indian and Alaska Native	249	0.4	0.8%	+/-186
Asian	1,923	2.7	4.3%	+/-748
Native Hawaiian and Other Pacific Islander	0	0.0	0.1%	+/-158
Some other race	22,969	32.6	6.2%	+/-1,687
Two or more races	1,297	1.8	2.1%	+/-636
Hispanic or Latino (of any race)	29,612	42.1	14.7%	+/-1,434

Source: U.S. Census Bureau, 2005-2007 American Community Survey


Explanation of Symbols:

**** - The median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.

***** - The estimate is controlled. A statistical test for sampling variability is not appropriate.

'N' - Data for this geographic area cannot be displayed because the number of sample cases is too small.

'(X)' - The value is not applicable or not available.

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TM-P028. Percent of Persons 5 Years and Over Who Speak a Language Other Than English at Home: 2000
 Universe: Population 5 years and over
 Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data
Camden city, New Jersey by Census Tract

NOTE: Data based on a sample except in P3, P4, H3, and H4. For information on confidentiality protection, sampling error, nonsampling error, definitions, and count corrections see <http://factfinder.census.gov/home/en/datanotes/expsf3.htm>.

Legend

Data Classes

Percent	
6.5 - 15.5	
18.1 - 25.4	
38.3 - 41.2	
42.2 - 46.0	
54.9 - 66.8	

Features

- Major Road
- Street
- Stream/Waterbody
- Stream/Waterbody



Source: U.S. Census Bureau, Census 2000 Summary File 3, Matrix P19.

APPENDIX J
Site Photography

DRESDNER ROBIN

PHOTO LOG

SITE NAME: ABC Barrel Company, Camden, NJ DATE OF PHOTOS: 2007-2008

PROJECT No: B940-01

PHOTOGRAPHER: R. Glover

PHOTO 1: View of MW-1 being Reconstructed.



PHOTO 2: View of MW-1 Reconstructed.



DRESDNER ROBIN

PHOTO LOG

SITE NAME: ABC Barrel Company, Camden, NJ DATE OF PHOTOS: 2007-2008
PROJECT No: B940-01 PHOTOGRAPHER: R. Glover

PHOTO 3: View of MW-2 Reconstructed.



PHOTO 4: View of MW-3 Reconstructed.



DRESDNER ROBIN

PHOTO LOG

SITE NAME: ABC Barrel Company, Camden, NJ DATE OF PHOTOS: 2007-2008

PROJECT No: B940-01

PHOTOGRAPHER: R. Glover

PHOTO 5: View of MW-4 Reconstructed.



PHOTO 6: Screening Sample Collection.



DRESDNER ROBIN

PHOTO LOG

SITE NAME: ABC Barrel Company, Camden, NJ DATE OF PHOTOS: 2007-2008
PROJECT No: B940-01 PHOTOGRAPHER: R. Glover

PHOTO 7: View of Screening Sample Purge Water.



PHOTO 8: View of Site after Regrading and Capping.

