FORMER CANINE KENNEL SITE
GABRESKI AIRPORT
WESTHAMPTON, NEW YORK
SCP SITE ID: #1-52-079

INTERIM REMEDIAL MEASURE REPORT

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PWGC Project Number: SHD1201

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P.W. GROSSER CONSULTING INC.

PROJECT NO. SHD1201

INTERIM REMEDIAL MEASURE REPORT

FORMER CANINE KENNEL SITE

GABRESKI AIRPORT, WESTHAMPTON BEACH, NEW YORK

BCP SITE ID: #1-52-079

SUBMITTED:

JUNE 2013

PREPARED FOR:
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INTERIM REMEDIAL MEASURE REPORT
FORMER CANINE KENNEL SITE, FRANCIS S. GABRESKI AIRPORT, WESTHAMPTON BEACH, NEW YORK
BCP SITE ID: #1-52-079

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1.0 INTRODUCTION

This interim remedial measure (IRM) report has been prepared by P.W. Grosser Consulting Inc. (PWGC), on behalf of the Suffolk County Department of Health Services (SCDHS), for the Former Canine Kennel Site at Francis S. Gabreski Airport in Westhampton Beach, New York (Suffolk County Tax Map number 900-312-1-1). This property is owned by Suffolk County and managed by the Department of Economic Development and Workforce Housing.

This report documents the results of the IRM activities performed at the above referenced property. The scope of work was based upon the IRM Work Plan (March 2012), IRM Addendum (May 18, 2012), and the requirements of the Suffolk County Department of Health Services (SCDHS) and New York State Department of Environmental Conservation (NYSDEC) for the subject property. NYSDEC approved the IRM Work Plan in a letter dated July 13, 2012. IRM activities were performed under the NYSDEC Brownfield Cleanup Program (BCP).

This IRM is not intended to be the final remedy for the site, a remedial work plan with alternatives analysis will be prepared to document the selection of the final remedy.

1.1 Site Description

Francis S. Gabreski airport is located on County Road 31 in the Town of Southampton, New York and is owned by Suffolk County. The airport is located within the Long Island Pine Barrens which are characterized by open, sunlit woodlands dominated by pitch pine interspersed with white and scarlet oak. The nearby Quogue wildlife refuge is characterized by dwarf pitch pines ranging from 3 to 6 feet tall. The airport itself is characterized by surrounding wooded areas consisting of 25 foot pitch pines and scattered scrub oak. The airport has no commercially scheduled service, but does support private planes and presently is the home of the 106th Rescue Wing of the New York Air National Guard (NYANG).

The area of concern is a section of disturbed ground, approximately 1.0 acre in size and irregular in shape. The site is located in a remote portion of the airport, south of a former canine kennel and just east of a boat storage yard near the eastern property line of the airport. A Vicinity Map is included as **Figure 1**, and a site plan is included as **Figure 2**.

The property is currently zoned for light industrial use and is a portion of the Francis S. Gabreski Airport. The airport is located within the core preservation area of the central Pine Barrens. Since the Canine Kennel site is within the core Pine Barrens area, development is prohibited and the site will remain undeveloped.

1.2 Site History

In 1943 the federal government built the airport for use as an Air Force base during World War II. After the war, it was given to Suffolk County. In 1951, the airport was reclaimed for the Korean War National Emergency. In 1960, the US Air Force leased the site for an Air Defense Command Base, which was deactivated in 1969, then released back to Suffolk County in 1970.

During deactivation activities (Spring 1970), the Suffolk County Air Base used the canine kennel area to bury inert wastes, such as office furniture. The site was also used for the disposal of polychlorinated biphenyl (PCB) containing electrical distribution equipment such as transformers and capacitors.

In March 1984, the NYSDEC discovered the site in response to a complaint from a local citizen's group. At that time, the NYSDEC observed several half-buried capacitors leaking PCB oil within a ten-foot deep pit. In May 1984, nine soil samples were collected for laboratory analysis. Eight contained the PCB Arcolor-1254 in concentrations up to 1,700 milligrams per kilogram (mg/kg).

In January 1986, a NYSDEC contractor noted that the pit was only half as deep as previously stated, and that the capacitors were no longer visible. The area showed signs of recent earthwork activities and was devoid of vegetation.

1.2.1 Remedial Investigation

In November 2008, PWGC performed a subsurface investigation at the former Canine Kennel site. The investigation consisted of a geophysical survey, soil and groundwater sampling, test pit excavations and the removal of identified capacitors suspected to contain PCBs.

Geophysical and test pit investigations confirmed that the area of disposal was limited to the western/central portion of the site adjacent to the fence line and boatyard.

Pesticides were not detected in the site soil samples. The PCB Aroclor-1254 was detected in soil samples ranging in depth from 0-2 inches below ground surface (bgs) to approximately 8.5 feet bgs. Fifty-nine soil samples had concentrations of Aroclor-1254 above the Residential Use Soil Cleanup Objective (RUSCO) of 1.0 mg/kg ranging from 1.1 to 86,000 mg/kg (directly underneath one of the removed capacitors). Surface soil samples showed the largest area of impact (across the western and central areas of the site). PCBs were also detected at concentrations greater than the RUSCO in surface soils within the unpaved eastern portion of the adjacent boatyard. Spread of PCBs within surface soils at the site was determined to likely be a result of physical processes, including localized surface runoff of PCB-contaminated soils from the on-site disposal area westward following the surface topography.

PCBs in the 2.0-2.5 feet depth samples were limited to the western central area of the site and coincide with the main area of existing debris and the former capacitor locations. Three isolated areas of impact at depths of 4.0 feet bgs or greater were also identified, two of which coincided with the main area of debris and the former capacitor locations. A third area was identified northeast of the capacitor locations. No pesticides were detected in soil samples collected at the site.

Based on the findings of the RI completed in November 2008, PWGC recommended that an IRM be implemented at the site to remove PCB impacted soils from the unpaved portion of the boatyard and former capacitor areas.

2.0 INTERIM REMEDIAL MEASURE

PWGC performed remedial activities at the site from August 2012 through April 2013. The IRM was performed in accordance with PWGC's approved IRM Work Plan (IRMWP) and IRM Addendum for the site.

2.1 Scope of Work

The scope of work for the IRM consisted of the removal of PCB impacted soils from the unpaved portion of the boatyard and former capacitor locations. Remedial activities were performed by Metro Environmental Contracting Corp. (Metro) of Lindenhurst, New York.

The scope of work as detailed in the IRMWP included:

- Additional soil sampling to further delineate the extent of PCB impact within the unpaved portion of the boatyard.
- Removal and disposal of PCB impacted soil from the unpaved portion of the boatyard. Removal and disposal of PCB impacted soils from former capacitor locations (i.e., the locations with the most elevated concentrations of PCBs).
- Collection of endpoint samples to confirm the effectiveness of remedial activities.
- Backfill of capacitor location excavations to prevent residual PCB impacted soils from being exposed to the environment.
- Installation of storm water control to prevent storm water runoff from entering the boatyard.

Photo documentation of IRM activities is included as **Appendix A**.

2.2 Boatyard PCB Delineation

In order to further delineate PCB impacted soils, PWGC collected soil samples from throughout the unpaved portion of the boatyard. Delineation sampling was designed to determine excavation boundaries and depths for the IRM.

2.2.1 Sample Collection

PWGC mobilized to the site on August 23, 2012 to perform delineation soil sampling. A total of twelve soil samples were collected from the boatyard. In accordance with the IRMWP, soil borings were installed manually, utilizing a properly decontaminated stainless steel hand-auger. Delineation soil sample locations are illustrated in **Figure 3**.

At each sample location, soil samples were collected continuously, in six inch intervals, to a depth of two feet below ground surface (bgs) (i.e. 0 to 6 inches, 6 to 12 inches, 12 to 18 inches, 18 to 24 inches), with the exception of locations DS001, DS002, and DS003. Due to prior surface sampling near these three locations during the RI, samples collected at locations DS001, DS002, and DS003 were collected from the 6 to 12 inch interval only.

Soil sampling and equipment decontamination was performed in accordance with the USEPA SOP #2001 General Field Sampling Guidelines, SOP #2012 Soil Sampling, and SOP #2006 Sampling Equipment

Decontamination.

2.2.2 Sample Analysis

Samples were collected in pre-cleaned, pre-preserved (where applicable), laboratory supplied glassware and stored in a cooler packed with ice for shipment to the analytical laboratory. Samples were shipped under proper chain-of-custody procedures via UPS to Chemtech Laboratory of Mountainside, New Jersey, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP ID: 11376). Samples were analyzed for the presence of PCBs by USEPA Method 8082.

Initially, the shallowest sample from each location was submitted to the laboratory for analysis; in the event that PCB concentrations exceeded the NYSDEC RUSCO of 1.0 part per million (ppm), the next deepest interval was submitted for analysis. Where necessary, this process was repeated with deeper samples until PCB concentrations were below 1.0 ppm.

Analytical services were performed in accordance with NYSDEC Analytical Services Protocol (ASP) with Category B deliverables (ASP-B). Laboratory analytical reports (results only) are included as **Appendix B**; full ASP-B reports are included on the enclosed CD-ROM.

2.2.3 Analytical Results

Delineation soil sample results were compared to the NYSDEC RUSCO of 1.0 ppm for PCBs. Delineation soil sample analytical data is summarized in **Table 1**.

Based on analytical data, Aroclor-1254 was detected at concentrations exceeding its NYSDEC RUSCO in three of the twelve samples submitted from the 0 to 6 inch interval (locations DS005, DS006, and DS008). Based on these results, samples collected from the 6 to 12 inch interval at these locations were analyzed. PCB concentrations in remaining delineation samples did not exceed the NYSDEC RUSCO of 1.0 ppm.

PCB concentrations in samples collected from the 6 to 12 inch interval from locations DS006 and DS008 were below their NYSCDEC RUSCO. Aroclor-1254 was detected at a concentration exceeding its NYSDEC RUSCO in the sample collected form the 6 to 12 inch interval at location DS005. Because PCB concentrations in the 6 to 12 inch sample at DS005 only slightly exceeded the RUSCO of 1.0 ppm, the 12 to 18 inch sample was not analyzed with additional soils to be removed as necessary during excavation activities.

2.3 Boatyard Soil Removal

PWGC utilized the results of the RI and delineation soil sampling to determine the necessary excavation boundaries for removal of PCB impacted soils (illustrated in **Figure 3**). Based on sample data, PWGC determined that the initial excavation depth throughout the excavation area would be to 6 inches bgs, with the provision that additional (deeper) soils would be removed as necessary based on endpoint sampling results.

PWGC performed air monitoring for VOCs and particulates during excavation activities utilizing a PID and dust

monitor.

2.3.1 Boatyard Soil Removal

PWGC and Metro mobilized to the site from November 6, 2012 through November 28, 2012 to implement IRM activities within the boatyard. Soils within the unpaved portion of the boatyard were excavated to a depth of 6 inches below existing grade. Following removal of soils to a depth of 6 inches bgs, endpoint samples were collected from 21 locations within the excavation area. Based on endpoint sample results (see Section 2.2.2), additional soil removal was performed in 8 foot by 8 foot area in the vicinity of endpoint samples EP001, EP007, EP008, EP018 and EP020. Additional excavation in these areas was to 12 inches bgs, with the exception of EP001, where the excavation extended to 18 inches bgs. A total of approximately 200 tons of soil were removed from the boatyard.

Upon removal, soils were temporarily stockpiled within the excavation area prior to transport (via dump truck) to a stockpile within the staging area. Soils within the staging area were stockpiled on 15 mil polyethylene sheeting; during non-work hours, the stockpile was covered with polyethylene sheeting and surrounded with silt fence to prevent storm water runoff from transporting impacted soils.

2.3.2 Boatyard Endpoint Sample Collection

Following removal of impacted soils from the boatyard, 21 endpoint samples were collected throughout the excavation area to confirm the effectiveness of remedial activities. Endpoint samples were collected from a depth of 0 to 6 inches below the bottom of the initial excavation depth of six inches bgs (6 to 12 inches below pre-existing grade), utilizing a properly decontaminated stainless steel hand auger. Where necessary, additional endpoint samples were collected following removal of additional soils.

2.3.3 Boatyard Endpoint Sample Analysis

Samples were collected in pre-cleaned, pre-preserved (where applicable), laboratory supplied glassware and stored in a cooler packed with ice for shipment to the analytical laboratory. Samples were shipped under proper chain-of-custody procedures via UPS to Chemtech Laboratory of Mountainside, New Jersey, a NYSDOH ELAP certified laboratory (ELAP ID: 11376). Samples were analyzed for the presence of PCBs by USEPA Method 8082.

Analytical services were performed in accordance with NYSDEC Analytical Services Protocol (ASP) with Category B deliverables (ASP-B). Laboratory analytical reports (results only) are included as **Appendix C**; full ASP-B reports are included on the enclosed CD-ROM.

2.3.4 Boatyard Endpoint Analytical Results

Endpoint sampling results were compared to the NYSDEC RUSCO of 1.0 ppb for PCBs. Endpoint soil sample analytical data is summarized in **Table 2**.

PCB concentrations in initial endpoint samples collected from 6 to 12 inches bgs (0 to 6 inches below the excavation bottom) were below NYSDEC RUSCOs for each sample locations with the exception of locations

EP001, EP007, EP008, EP018 and EP020. At each of these locations, additional soils were removed to a depth of 12 inches bgs (locations EP007, EP008, EP018 and EP020) or 18 inches bgs (location EP001) and additional endpoint samples were collected. Following removal of additional soils, PCB concentrations in endpoint samples at locations EP001, EP007, EP008, EP018 and EP020 were below NYSDEC RUSCOs.

2.4 Capacitor Location Soil Removal

The RI identified elevated concentration of PCBs in surface soils throughout the site. The highest PCB concentrations were detected in the immediate vicinity of three former capacitor locations (identified as locations CA-1, CA-2, and CA-3 in **Figure 3**). PCB concentrations in the former capacitor locations ranged from 1,300 ppm to 88,600 ppm. Based upon these findings, PWGC determined that soils at these locations would be excavated to one foot bgs.

PWGC performed air monitoring for VOCs and particulates during excavation activities utilizing a PID and dust monitor

2.4.1 Capacitor Soil Removal

PWGC and Metro mobilized to the site on November 6, 2012 to excavate and remove impacted soils from the three former capacitor areas (CA-1, CA-2 and CA-3). Utilizing a mini excavator, soils were removed to a depth of one foot bgs from a 10 foot by 10 foot area surrounding each of the former capacitor locations. A total of approximately 30 tons of soil were removed from the capacitor areas.

Upon removal, soils were loaded into a skid steer bucket and then transferred to a nearby dump truck for transport to a stockpile in the staging area. Polyethylene sheeting was placed on the ground under the skid steer bucket during soil transfer to prevent the spread of contamination. Soils within the staging area were stockpiled on 15 mil polyethylene sheeting; during non-work hours, the stockpile was covered with polyethylene sheeting and surrounded with silt fence to prevent storm water runoff from transporting impacted soils.

2.4.2 Capacitor Endpoint Sample Collection

Following removal of impacted soils from the former capacitor areas, one endpoint sample was collected at a depth of 0 to 6 inches below the excavation depth of one foot bgs (12 to 18 inches below pre-existing grade) from the center of each excavation to confirm the effectiveness of remedial activities. Samples were collected utilizing a properly decontaminated stainless steel hand auger.

2.4.3 Capacitor Endpoint Sample Analysis

Samples were collected in pre-cleaned, pre-preserved (where applicable), laboratory supplied glassware and stored in a cooler packed with ice for shipment to the analytical laboratory. Samples were shipped under proper chain-of-custody procedures via UPS to Chemtech Laboratory of Mountainside, New Jersey, a NYSDOH ELAP certified laboratory (ELAP ID: 11376). Samples were analyzed for the presence of PCBs by USEPA Method 8082.

Analytical services were performed in accordance with NYSDEC Analytical Services Protocol (ASP) with Category

B deliverables (ASP-B). Laboratory analytical reports (results only) are included as **Appendix C**; full ASP-B reports are included on the enclosed CD-ROM.

2.4.4 Capacitor Endpoint Analytical Results

Endpoint sampling results were compared to the site specific soil cleanup objective (SCO) of 1,000 ppm for PCBs, as specified in the approved IRM Work Plan. Endpoint soil sample analytical data is summarized in **Table 2**.

PCB concentrations in endpoint soil samples collected within excavation areas CA-1, CA-2 , and CA-3 did not exceed the site specific SCO of 1,000 ppm. Endpoint samples collected from capacitor locations CA-2 and CA-3 were below the NYSDEC RUSCO of 1.0 ppm for PCBs, while the endpoint sample from capacitor location CA-1 only slightly exceeded the NYSDEC RUSCO (1.2 ppm).

2.5 Excavation Backfill

Boatyard and capacitor area excavations were backfilled to pre-existing grade with clean fill material, compacted, and capped with RCA.

A total of 210 cubic yards (yds^3) of clean fill material was brought to the site from the Gallipoli property, located at Strongs Road, East Patchogue, New York and a total of 100 yds^3 of RCA was brought to the site from Con-Strux, LLC., of Lindenhurst, New York. Clean backfill and RCA was approved by the NYSDEC in emails dated January 7 and March 28, 2013.

NYSDEC backfill material approval e-mails are included as **Appendix D;** descriptions of the backfill and RCA and their sources are included as **Appendix E.**

2.6 Storm Water Control Installation

Following the removal of impacted soils from the boatyard a one foot tall, earthen berm was installed along the eastern property boundary. The berm was installed to minimize overland storm water runoff from the former Canine Kennel site to the boatyard, and prevent transport of residual PCB impact from the former Canine Kennel site to the boatyard. The location of the berm is illustrated in **Figure 2**. The berm was installed using NYSDEC approved backfill material. The berm was capped with recycled concrete aggregate (RCA) and compacted.

NYSDEC backfill material approval e-mails are included as **Appendix D;** descriptions of the backfill and RCA and their sources are included as **Appendix E.**

3.0 WASTE CHARACTERIZATION AND DISPOSAL

3.1 Waste Characterization

Following excavation, PWGC collected waste characterization samples from the stockpiled soil in accordance with the disposal facility's requirements. Based on the generated waste volume, a total of four waste characterization samples were collected. Grab samples were collected for VOC analysis; four-point composite samples were collected for other parameters. Samples were collected directly from the soil stockpile in accordance with disposal facility sampling requirements.

Samples were collected in pre-cleaned, pre-preserved (where applicable), laboratory supplied glassware and stored in a cooler packed with ice for shipment to the analytical laboratory. Samples were shipped under proper chain-of-custody procedures via UPS to Chemtech Laboratory of Mountainside, New Jersey, a NYSDOH ELAP certified laboratory (ELAP ID: 11376). Based on disposal facility requirements, samples were analyzed for the following:

- VOCs by USEPA Method 8260
- SVOCs by USEPA Method 8270
- Total metals by USEPA Method 6010/7471
- PCBs by USEPA Method 8082.
- Hazardous waste characteristics (corrosivity, ignitability, reactivity)

Waste characterization sampling results were provided to the disposal facility for waste acceptance. Laboratory analytical reports for waste characterization samples are included as **Appendix F**.

3.2 Waste Disposal

A total of 227.23 tons of hazardous soils were generated and disposed of during implementation of the IRM. Excavated soils were transported by a licensed waste hauler, and disposed of at CWM Chemical Services LLC in Model City, New York (USEPA ID: NYD049836679). Copies of waste manifests and disposal receipts are included as **Appendix G**.

4.0 QUALITY ASSURANCE/QUALITY CONTROL

The overall quality assurance/quality control (QA/QC) objective for the field investigation was to develop and implement procedures that provide data of known and documented quality. QA/QC characteristics for data include precision, accuracy, representativeness, completeness, and comparability. The purpose of the QA/QC activities developed for this site were to verify the integrity of the work performed and data collected is of the appropriate type and quality for the intended use.

4.1 QA/QC Samples

To assess the adequacy of the sample collection and decontamination procedures performed in the field, QA/QC samples were collected and analyzed throughout the field sampling program. QA/QC samples included field blanks, blind duplicates, matrix spike (MS), and matrix spike duplicates (MSD). Types and frequencies of field QA/QC samples are listed below.

Type	Frequency
Field Blank	One per day per matrix sampled
Blind Duplicate	One per 20 samples per matrix
Matrix Spike/Matrix Spike Duplicate	One per 20 samples per matrix

In general, QA/QC samples confirmed that the procedures performed in the field were consistent and acceptable. Targeted analytes were not detected above the laboratory MDL in field blank samples submitted for analysis, indicating that sample collection procedures and/or ambient conditions are unlikely to have impacted environmental samples collected from the site during implementation of the IRM.

4.2 Data Usability and Validation

A Data Validation Report and a Data Usability Summary Report (DUSR) were prepared by Stone Environmental, Inc. (Stone) of Montpelier, Vermont. A copy of the DUSR (with the Data Validation Report included as an attachment) is included as **Appendix H**.

Data Validation

In accordance with the approved IRMWP, full data validation was performed on 10% of the data generated. Remaining data received a summary validation as detailed in the DUSR. The findings and recommendations of the Data Validation Report (included as Attachment C to the DUSR) are summarized as follows:

The result for AR1254 in EP019(6-12) was qualified as estimated (J) and the result for AR1254 in EP021(6-12) was qualified as tentatively identified and estimated (JN).

Results for AR1254 in EP001B(12-18), FieldDup002, and EP020(6-12) were rejected (R) due to detection of these compounds outside the linear range of the instrument. Results for this compound were replaced with the acceptable concentrations from the more diluted analysis of these samples (EP001B(12-18)DL, FieldDup002DL,

and EP020(6-12)DL).

Results for the Aroclor compounds except for AR1254 in the diluted analyses of EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL were rejected (R) because acceptable results for these compounds were taken from the original (less diluted) analysis of these samples.

The low standard concentration for these methods supports the LOQ reported value as recorded on Form I but does not support the laboratories' method detection limit concentration in the analytical sequence. Since the concentration reported with a "U" on all reports is not supported by the concentration of the low standard which provides precision and bias during these analyses for identification and quantitation, results for all non-detects in all samples have been qualified as estimated (UJ). The low standard of the calibration curve performed for these methods supports the limit of quantitation (LOQ) concentration on Form I and not the MDL concentration; therefore, sensitivity at the MFL could not be assessed based on the data package alone.

"E" qualifiers were appropriately applied by the laboratory to sample Form I results when concentrations of target analytes were greater than the instrument calibration range. "D" qualifiers were appropriately applied by the laboratory to positive results from Diluted sample analyses. The validator removed all laboratory "E" and "D" qualifiers.

Data Usability

The DUSR was prepared in accordance with USEPA Region II SOPs for validating 8082A PCB analyses and was based on a review of the laboratory SDG case narrative and full "Tier-III", third-party data validation report (detailed above). The findings and recommendations of the DUSR are summarized as follows:

Data represents adequate method accuracy and precision with regard to project objectives.

The completeness level attained for the analysis of the field samples was greater than 95%. For all data, the overall quality of the data was acceptable and all results as qualified are considered usable.

5.0 CONCLUSIONS AND RECOMMENDATIONS

PWGC implemented an IRM at the boatyard and former capacitor area locations on behalf of SCDHS at the Former Canine Kennel at Francis S. Gabreski Airport. The IRM was implemented in accordance with the IRM Work Plan (March 2012), IRM Addendum (May 18, 2012), and the requirements of the Suffolk County Department of Health Services (SCDHS) and New York State Department of Environmental Conservation (NYSDEC) for the subject property. IRM activities were performed under the NYSDEC Brownfield Cleanup Program (BCP).

The scope of work for the IRM consisted of: additional delineation sampling within the boatyard, removal and proper disposal of PCB impacted soils from within the boatyard and former capacitor locations, collection of confirmatory endpoint samples, backfill of excavations, and installation of storm water controls.

5.1 Conclusions

PWGC performed delineation soil sampling to determine the necessary excavation boundaries within the boatyard. Following delineation, soils were removed from the excavation area to a depth of six inches bgs. Based on endpoint sampling, additional soils were removed (to depths of 12 to 18 inches bgs) at several locations. Following additional soil removal, PCB concentrations in endpoint samples were below the NYSDEC RUSCO of 1.0 ppm.

Soils were removed to a depth of one foot bgs in the vicinity of former capacitor locations CA-1, CA-2 and CA-3. Following soil removal, PCB concentrations in endpoint samples were below the site specific SCO of 1,000 ppm. Endpoint samples collected from capacitor locations CA-2 and CA-3 were below the NYSDEC RUSCO of 1.0 ppm for PCBs, while the endpoint sample from capacitor location CA-1 only slightly exceeded the NYSDEC RUSCO (1.2 ppm).

IRM excavation activities within the boatyard and capacitor locations generated a total of 227.23 tons of PCB contaminated soils. Excavated soils were transported by a licensed waste hauler, and disposed of at CWM Chemical Services LLC in Model City, New York (USEPA ID: NYD049836679).

Upon completion of soil removal activities, excavation areas were backfilled with NYSDEC approved backfill material and capped with RCA. Additionally, a one foot high earthen berm constructed of NYSDEC approved backfill material and capped with RCA was installed at the eastern boundary of the boatyard to minimize overland runoff of storm water from the former Canine Kennel site into the boatyard.

5.2 Recommendations

Based on the results of the IRM, PWGC offers the following recommendations:

- The soil removal action within the boatyard appears to have satisfactorily addressed PCB impacted soils within this area. As such, PWGC recommends no further action for the boatyard portion of the site.

- Despite the removal of contaminated soil from the former capacitor areas, there are still areas of the site containing concentrations of Aroclor-1254 ranging from 1.1 ppm to 4,200 ppm at depths of 0 to 6.5 feet bgs. PWGC recommends that a Remedial Work Plan (RWP) with Alternatives Analysis (AA), as described in the Brownfields Cleanup Program (BCP), be prepared. The RWP should include evaluation of alternatives that would meet different tracks as described in 6 NYCRR Part 375; Track 1-unrestricted use, Track 2 – restricted use with generic cleanup goals, Track 3 – restricted use with modified soil cleanup objectives, and/or Track 4 – restricted use with site-specific soil cleanup objectives. A no action alternative should also be evaluated.

FIGURES

PWGC

SITE LOCATION MAP

FORMER CANINE KENNEL - GABRESKI AIRPORT
WEST HAMPTON BEACH, NEW YORK

0 ¼ ½ ¾ 1 Miles

Project:	SHD1201
Date:	2/15/2013
Designed by:	BB
Drawn by:	BB
Approved by:	KR
Figure No:	1

Document Path: D:\GIS\Projects\S-Z\SHD1201\mapfiles\FIG1_VicinityMap.mxd

SURFACE CAPACITOR LOCATIONS
PROPOSED IRM EXCAVATION AREA
APPROXIMATE ASPHALT LINE
CANINE KENNEL PROPERY BOUNDARY
FENCE

NOTE - Approximate Proposed IRM Excavation Area: 14,632.5 square feet

CANINE KENNEL - SITE PLAN

Feet
0 25 50 100 150 200

Path: D:\GIS\Projects\S-Z\SHD\1201\mapfiles\FIG2_SitePlanmxd.mxd

PWGC
P.W. GROSSER CONSULTING, INC.

DRAWINGS PREPARED FOR:

SUFFOLK COUNTY
DEPT. OF HEALTH SERVICES
OFFICE OF POLLUTION CONTROL
15 HORSEBLOCK PLACE
FARMINGVILLE, NEW YORK 11738

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

PROJECT:	SHD1201	APPROVED BY:	AL
DESIGNED BY:	BB	DATE:	11/21/2012
DRAWN BY:	BB	SCALE:	AS SHOWN

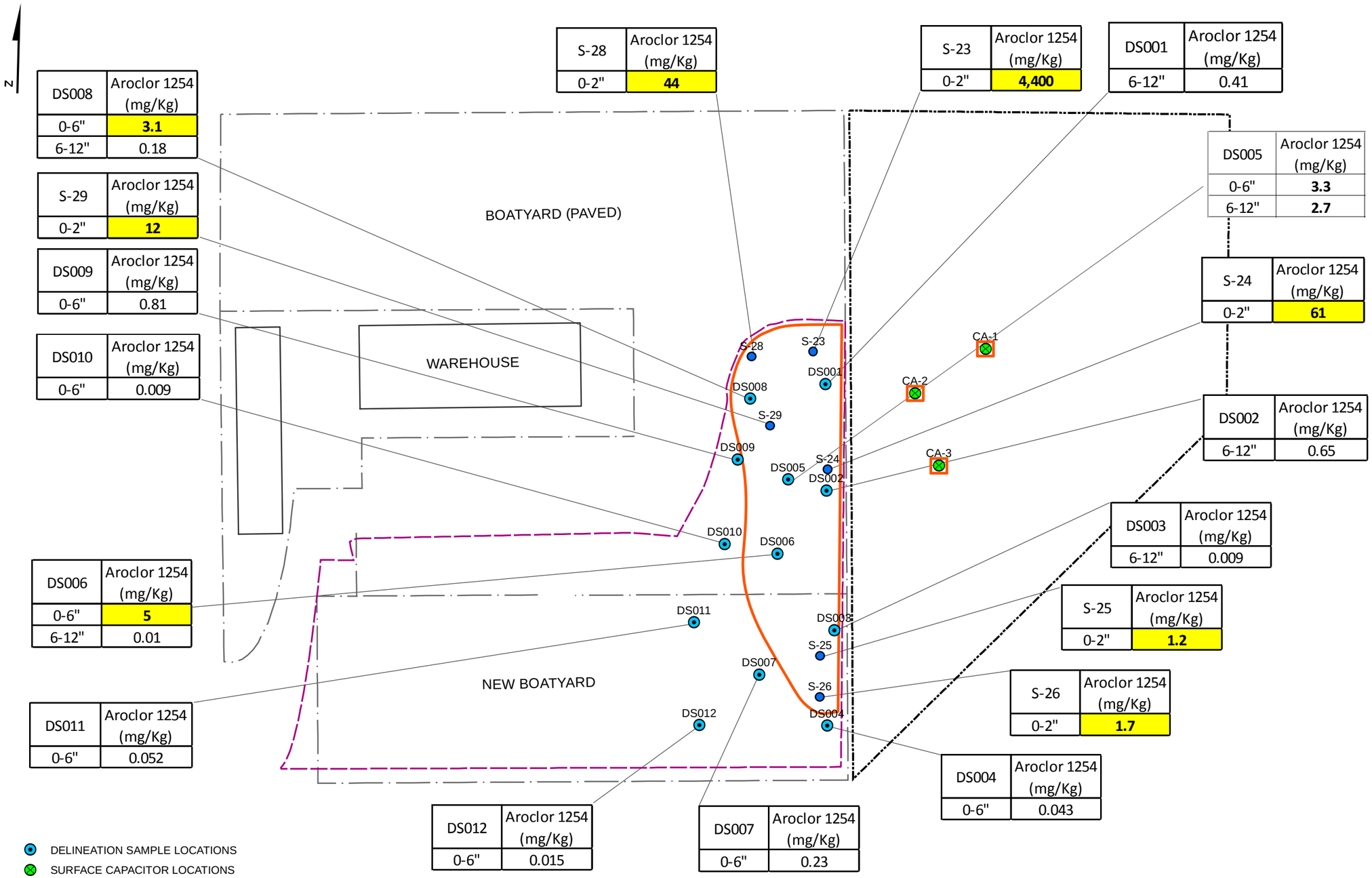
SHEET TITLE:

FORMER CANINE KENNEL
GABRESKI AIRPORT
WEST HAMPTON, NEW YORK

PROPOSED IRM EXCAVATION

FIGURE NO:
2

SHEET:



CANINE KENNEL - DELINEATION SAMPLE RESULTS

NOTE - Approximate Proposed IRM Excavation Area: 14,632.5 square feet

DRAWINGS PREPARED FOR:

SUFFOLK COUNTY
DEPT. OF HEALTH SERVICES
OFFICE OF POLLUTION CONTROL
15 HORSEBLOCK PLACE
FARMINGVILLE, NEW YORK 11738

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

PROJECT:	SHD1201	APPROVED BY:	AL
DESIGNED BY:	BB	DATE:	9/5/2012
DRAWN BY:	BB	SCALE:	AS SHOWN

SHEET TITLE:

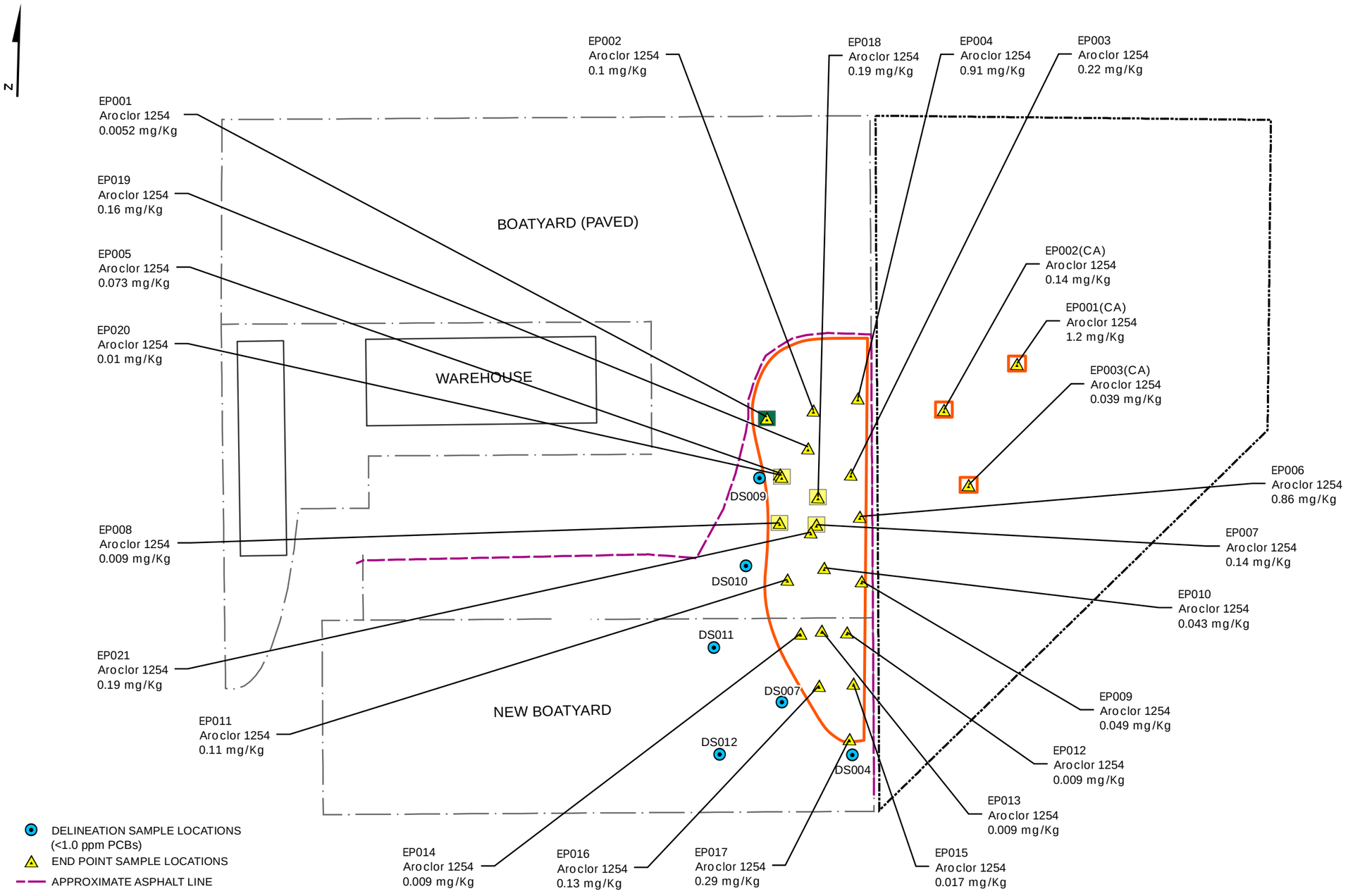
FORMER CANINE KENNEL
GABRESKI AIRPORT
WEST HAMPTON, NEW YORK

PROPOSED IRM EXCAVATION

FIGURE NO: 3

SHEET:

Path: D:\GIS\Projects\S_Z\SHD\1201\mapfiles\FIG3_DelineationSampleResults.mxd



CANINE KENNEL - END POINT SAMPLE RESULTS

0 25 50 100 150 200 Feet

NOTES: IRM Excavation Area: ~ 14,632.5 square feet
Delineation Sample Results Below 1 mg/Kg (Refer to Figure 3).
Endpoint samples collected from 0-6" below final excavation depth.

Path: Y:\Projects\S-Z\SHD\1201\maps\files\FIG4_EndPointSampleResults.mxd

P.W. GROSSER CONSULTING, INC.

DRAWINGS PREPARED FOR:

SUFFOLK COUNTY
DEPT. OF HEALTH SERVICES
OFFICE OF POLLUTION CONTROL
15 HORSEBLOCK PLACE
FARMINGVILLE, NEW YORK 11738

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

PROJECT:	SHD1201	APPROVED BY:	AL
DESIGNED BY:	BB	DATE:	2/15/2013
DRAWN BY:	BB	SCALE:	AS SHOWN

SHEET TITLE:

FORMER CANINE KENNEL
GABRESKI AIRPORT
WEST HAMPTON, NEW YORK

IRM EXCAVATION

FIGURE NO:

4

SHEET:

TABLES

Table 1

Delineation Soil Sample Analytical Data Summary
Former Canine Kennel Site, Westhampton Beach, New York

Sample ID	NYSDEC	DS001		DS002		DS003		DS004		DS005		DS005		DS006		DS006		DS007	
Sample Depth	Residential Use	(6-12")		(6-12")		(6-12")		(0-6")		(0-6')		(6-12")		(0-6")		(6-12")		(0-6")	
Sample Date	SCO[1]	8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012	
PCBs by USEPA Method 8082																			
Aroclor-1016	1	0.0205	UD	0.0455	UD	0.009	U	0.009	U	0.09	UD	0.09	UD	0.18	UD	0.009	U	0.01	U
Aroclor-1221	1	0.0205	UD	0.0455	UD	0.009	U	0.009	U	0.09	UD	0.09	UD	0.18	UD	0.009	U	0.01	U
Aroclor-1232	1	0.0205	UD	0.0455	UD	0.009	U	0.009	U	0.09	UD	0.09	UD	0.18	UD	0.009	U	0.01	U
Aroclor-1242	1	0.0205	UD	0.0455	UD	0.009	U	0.009	U	0.09	UD	0.09	UD	0.18	UD	0.009	U	0.01	U
Aroclor-1248	1	0.0205	UD	0.0455	UD	0.009	U	0.009	U	0.09	UD	0.09	UD	0.18	UD	0.009	U	0.01	U
Aroclor-1254	1	0.41	DP	0.65	D	0.009	U	0.043	P	3.3	D	2.7	D	5.0	D	0.01	J	0.23	
Aroclor-1260	1	0.0205	UD	0.0455	UD	0.009	U	0.009	U	0.09	UD	0.09	UD	0.18	UD	0.009	U	0.01	U

Sample ID	NYSDEC	DS008		DS008		DS009		DS010		DS011		DS012		FieldDup001*		FieldDup002**	
Sample Depth	Residential Use	(0-6")		(6-12")		(0-6")		(0-6")		(0-6")		(0-6")					
Sample Date	SCO[1]	8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012		8/23/2012	
PCBs by USEPA Method 8082																	
Aroclor-1016	1	90	UD	0.009	U	0.0445	UD	0.009	U	0.009	U	0.009	U	0.018	UD	0.009	U
Aroclor-1221	1	90	UD	0.009	U	0.0445	UD	0.009	U	0.009	U	0.009	U	0.018	UD	0.009	U
Aroclor-1232	1	90	UD	0.009	U	0.0445	UD	0.009	U	0.009	U	0.009	U	0.018	UD	0.009	U
Aroclor-1242	1	90	UD	0.009	U	0.0445	UD	0.009	U	0.009	U	0.009	U	0.018	UD	0.009	U
Aroclor-1248	1	90	UD	0.009	U	0.0445	UD	0.009	U	0.009	U	0.009	U	0.018	UD	0.009	U
Aroclor-1254	1	3.1	D	0.18	U	0.81	D	0.009	U	0.052		0.015	J	4.7	D	0.081	
Aroclor-1260	1	90	UD	0.009	U	0.0445	UD	0.009	U	0.009	U	0.009	U	0.018	UD	0.009	U

Notes:
All concentrations are mg/kg (ppm)
1- Residential Use Soil Cleanup Objectives (SCO), 6 NYCRR Part 375-6, Remediation Program Soil Cleanup Objectives
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an estimated value.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is less than 25%.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
Highlighted values indicate exceedance of the NYSDEC Cleanup Objective
* FieldDup001 is a QA/QC duplicate sample of DS008 @ 0-6"
**FieldDUp002 is a QA/QC duplicate sample of DS010 @ 0-6"

Table 2

Endpoint Soil Sample Analytical Data Summary
Former Canine Kennel Site, Westhampton Beach, New York

Sample ID	NYSDEC	Site Specific	EP001(CA)†		EP002(CA)†		EP003(CA)†		EP001		EP001B		EP001C		EP002		EP003		EP004		EP005		EP006		EP007	
Sample Depth	Residential Use	SCO[2]	(0-6")		(0-6")		(0-6")		(0-6")		(6-12")		(12-18")		(0-6")		(0-6")		(0-6")		(0-6")		(0-6")		(0-6")	
Sample Date	SCO[1]		11/6/2012		11/6/2012		11/6/2012		11/12/2012		11/20/2012		11/228/2012		11/12/2012		11/12/2012		11/6/2012		11/12/2012		11/12/2012		11/12/2012	
PCBs by USEPA Method 8082																										
Aroclor-1016	1	1,000	0.085	UD	0.009	U	0.009	U	0.095	UD	0.085	UD	0.009	U	0.009	U	0.009	U	0.09	UD	0.009	U	0.0465	UD	0.19	UD
Aroclor-1221	1	1,000	0.085	UD	0.009	U	0.009	U	0.095	UD	0.085	UD	0.009	U	0.009	U	0.009	U	0.09	UD	0.009	U	0.0465	UD	0.19	UD
Aroclor-1232	1	1,000	0.085	UD	0.009	U	0.009	U	0.095	UD	0.085	UD	0.009	U	0.009	U	0.009	U	0.09	UD	0.009	U	0.0465	UD	0.19	UD
Aroclor-1242	1	1,000	0.085	UD	0.009	U	0.009	U	0.095	UD	0.085	UD	0.009	U	0.009	U	0.009	U	0.09	UD	0.009	U	0.0465	UD	0.19	UD
Aroclor-1248	1	1,000	0.085	UD	0.009	U	0.009	U	0.095	UD	0.085	UD	0.009	U	0.009	U	0.009	U	0.09	UD	0.009	U	0.0465	UD	0.19	UD
Aroclor-1254	1	1,000	1.2	DP	0.14		0.039		1.2	D	2.9	D	0.0052	JP	0.1		0.22		0.91	DP	0.073		0.86	D	3.8	D
Aroclor-1260	1	1,000	0.085	UD	0.009	U	0.009	U	0.095	UD	0.085	UD	0.009	U	0.009	U	0.009	U	0.09	UD	0.009	U	0.0465	UD	0.19	UD

Sample ID	NYSDEC	Site Specific	EP007B		EP008		EP008B		EP009		EP010		EP011		EP012		EP013		EP014		EP015		EP016		EP017	
Sample Depth	Residential Use	SCO[2]	(6-12")		(0-6")		(6-12")		(0-6")		(0-6")		(0-6")		(0-6")		(0-6")		(0-6")		(0-6")		(0-6")		(0-6")	
Sample Date	SCO[1]		11/20/2012		11/12/2012		11/20/2012		11/12/2012		11/12/2012		11/12/2012		11/9/2012		11/9/2012		11/9/2012		11/9/2012		11/9/2012		11/9/2012	
PCBs by USEPA Method 8082																										
Aroclor-1016	1	1,000	0.0095	U	0.095	UD	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U
Aroclor-1221	1	1,000	0.0095	U	0.095	UD	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U
Aroclor-1232	1	1,000	0.0095	U	0.095	UD	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U
Aroclor-1242	1	1,000	0.0095	U	0.095	UD	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U
Aroclor-1248	1	1,000	0.0095	U	0.095	UD	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U
Aroclor-1254	1	1,000	0.140		1.2	D	0.009	U	0.049		0.043	P	0.11		0.009	U	0.009	U	0.009	U	0.017	J	0.130		0.290	
Aroclor-1260	1	1,000	0.0095	U	0.095	UD	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U

Sample ID	NYSDEC	Site Specific	EP018		EP018B		EP019		EP020		EP020B		EP021		FIELDDUP001*		FIELDDUP002**		FIELDBLANK001		FIELDBLANK002		FIELDBLANK003		FIELDBLANK003	
Sample Depth	Residential Use	SCO[2]	(0-6")		(6-12")		(0-6")		(0-6")		(6-12")		(0-6")													
Sample Date	SCO[1]		11/13/2012		11/20/2012		11/20/2012		11/20/2012		11/28/2012		11/20/2012		11/6/2012		11/20/2012		11/9/2012		11/12/2012		11/20/2012		11/28/2012	
PCBs by USEPA Method 8082																										
Aroclor-1016	1	1,000	0.185	UD	0.0095	U	0.009	U	0.09	UD	0.009	U	0.009	U	0.085	UD	0.09	UD	0.00025	U	0.00026	U	0.00026	U	0.00028	U
Aroclor-1221	1	1,000	0.185	UD	0.0095	U	0.009	U	0.09	UD	0.009	U	0.009	U	0.085	UD	0.09	UD	0.00025	U	0.00026	U	0.00026	U	0.00028	U
Aroclor-1232	1	1,000	0.185	UD	0.0095	U	0.009	U	0.09	UD	0.009	U	0.009	U	0.085	UD	0.09	UD	0.00025	U	0.00026	U	0.00026	U	0.00028	U
Aroclor-1242	1	1,000	0.185	UD	0.0095	U	0.009	U	0.09	UD	0.009	U	0.009	U	0.085	UD	0.09	UD	0.00025	U	0.00026	U	0.00026	U	0.00028	U
Aroclor-1248	1	1,000	0.185	UD	0.0095	U	0.009	U	0.09	UD	0.009	U	0.009	U	0.085	UD	0.09	UD	0.00025	U	0.00026	U	0.00026	U	0.00028	U
Aroclor-1254	1	1,000	4.3	D	0.190		0.160	P	1.0	D	0.01	J	0.19	P	0.89	DP	2.7	D	0.00025	U	0.00026	U	0.00026	U	0.00028	U
Aroclor-1260	1	1,000	0.185	UD	0.0095	U	0.009	U	0.09	UD	0.009	U	0.009	U	0.085	UD	0.09	UD	0.00025	U	0.00026	U	0.00026	U	0.00028	U

Notes:
All concentrations are mg/kg (ppm)
All sample depths are measured from the bottom of the intial excavation depth (i.e., six inches in boatyard, 12 inches in capacitor area)
1- Residential Use Soil Cleanup Objectives (SCO), 6 NYCRR Part 375-6, Remediation Program Soil Cleanup Objectives
2- Site Specific SCO, as specified in the approved IRM Work Plan, applies to Capacitor Area endpoint samples
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater. The concentration given is an estimated value.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is less than 25%.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
Highlighted values indicate exceedance of the NYSDEC Cleanup Objective
† Capacitor Area (CA) Endpoint Sample
* FieldDup001 is a QA/QC duplicate sample of EP001(CA) @ 0-6"
**FieldDUp002 is a QA/QC duplicate sample of EP001 @ 0-6"

APPENDIX A
PHOTO LOG

Photo 1 – View of boatyard pre IRM (looking north)

Photo 2 – View of boatyard pre IRM (looking south)

Photo 3 – Boatyard during excavation activities

Photo 4 - Boatyard after completion of excavation
Endpoint sample locations are marked with stakes.

Photo 5 – Boatyard after completion of backfill.
Berm is visible at the rear of the site, along tree line.

Photo 6 –Boatyard after completion of backfill
Berm is visible along the tree line on right of photo.

Photo 7 – Capacitor location CA-1 during excavation.

Photo 8 – Capacitor location CA-1 after completion of excavation.

Photo 9 – Capacitor location CA-2 during excavation.

Photo 10 – Capacitor location CA-2 after completion of excavation.

Photo 11 – Capacitor location CA-3 during excavation.

Photo 12 – Capacitor location CA-3 after completion of excavation.

Photo 13 – Soils stockpiled on polyethylene sheeting in staging area.

Photo 14 – Soil stockpile covered with polyethylene sheeting and surrounded with silt fence.

Photo 15 – Soil loading activities.

Photo 16 – Stockpile area restoration after completion of soil load out.

APPENDIX B
LABORATORY ANALYTICAL REPORTS
(DELINEATION SOIL SAMPLING)

CHEMTECH

DATA FOR

GC SEMI-VOLATILES

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 6315896353

ORDER ID : **D3945**

ATTENTION : **Brian Barth**

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 09/04/2012

Dear Brian Barth,

25 soil samples for the **Canine Kennel** project were received on **08/25/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

Regards,

CHRISTOPHER WOLSKI

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NUMBER: [illegible]

COC Number: [illegible]

CLIENT INFORMATION | PROJECT INFORMATION | BILLING INFORMATION

[illegible]

DATA TURNAROUND INFORMATION | DATA DELIVERABLE INFORMATION | ANALYSIS

[illegible]

PRESERVATIVES | COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX		SAMPLE COLLECTION DATE	TIME		1	2	3	4	5	6	7	8	9	COMMENTS
1	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									HOLD
2	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
3	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									HOLD
4	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									HOLD
5	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									HOLD
6	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
7	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									HOLD
8	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									HOLD
9	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									HOLD
10	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

[illegible]

Page ___ of ___

[illegible]

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number:
COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
[illegible]	[illegible]	[illegible]

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX		DATE	TIME		1	2	3	4	5	6	7	8	9	COMMENTS
1	[illegible]	Soil	[illegible]	[illegible]	[illegible]		X									HOLD
2	[illegible]	Soil	[illegible]	[illegible]	[illegible]		X									HOLD
3	[illegible]	Soil	[illegible]	[illegible]	[illegible]		X									HOLD
4	[illegible]	Soil	[illegible]	[illegible]	1340		X									
5	[illegible], MS/MSD	Soil	[illegible]	[illegible]	1345		X									
6	[illegible]	Soil	[illegible]	[illegible]	1345		X									HOLD
7	[illegible]	Soil	[illegible]	[illegible]	1350		X									HOLD
8	[illegible]	Soil	[illegible]	[illegible]	1355		X									HOLD
9	[illegible]	Soil	[illegible]	[illegible]	1400		X									
10	[illegible]	Soil	[illegible]	[illegible]	1405		X									HOLD

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

[illegible]

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284 Sheffield Street, Mountainside, NJ 07092
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Chemtech Project Number

COC Number

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME
1	[illegible]	Soil	[illegible]	[illegible]
2	[illegible]	Soil	[illegible]	[illegible]
3	[illegible]	Soil	[illegible]	[illegible]
4	[illegible]	Soil	[illegible]	[illegible]
5		Soil	[illegible]	
6		Soil	[illegible]	
7		Soil	[illegible]	
8		Soil	[illegible]	
9		Soil	[illegible]	
10		Soil	[illegible]	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

Page of

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS006(6-12)	SDG No.:	D3945
Lab Sample ID:	D3945-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010211.D	1	09/04/12	09/05/12	PB65506

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	10	J	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.8		10 - 166		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 125		86%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

DATA FOR

GC SEMI-VOLATILES

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 6315896353

ORDER ID : **D3944**

ATTENTION : **Brian Barth**

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 09/04/2012

Dear Brian Barth,

1 water and **20** soil samples for the **Canine Kennel** project were received on **08/25/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

Regards,

CHRISTOPHER WOLSKI

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

214 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

CHEMTECH SAMPLE #	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME	# OF CONTAINERS	1	2	3	4	5	6	7	8	9	COMMENTS
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Page ___ of ___

CHEMTECH

CHAIN OF CUSTODY RECORD

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CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

CHEMTECH SAMPLE #	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME	PRESERVATIVES									# OF CONTAINERS
						1	2	3	4	5	6	7	8	9	10
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS005(6-12)	SDG No.:	D3944
Lab Sample ID:	D3944-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010209.D	1	09/04/12	09/05/12	PB65506

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	1800	E	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.2		10 - 166		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		60 - 125		77%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS005(6-12)DL	SDG No.:	D3944
Lab Sample ID:	D3944-06DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010212.D	10	09/04/12	09/05/12	PB65506

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	90	UD	38	90	180	ug/Kg
11104-28-2	Aroclor-1221	90	UD	37	90	180	ug/Kg
11141-16-5	Aroclor-1232	90	UD	81	90	180	ug/Kg
53469-21-9	Aroclor-1242	90	UD	37	90	180	ug/Kg
12672-29-6	Aroclor-1248	90	UD	71	90	180	ug/Kg
11097-69-1	Aroclor-1254	2700	D	16	90	180	ug/Kg
11096-82-5	Aroclor-1260	90	UD	45	90	180	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.8		10 - 166		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 125		100%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS008(6-12)	SDG No.:	D3944
Lab Sample ID:	D3944-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010210.D	1	09/04/12	09/05/12	PB65506

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7	9	18	ug/Kg
11097-69-1	Aroclor-1254	180		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.8		10 - 166		94%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 125		80%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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DATA FOR

GC SEMI-VOLATILES

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 6315896353

ORDER ID : **D3945**

ATTENTION : **Brian Barth**

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 09/04/2012

Dear Brian Barth,

25 soil samples for the **Canine Kennel** project were received on **08/25/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

Regards,

CHRISTOPHER WOLSKI

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: [illegible]

COC Number: [illegible]

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
[illegible]	[illegible]	[illegible]

DATA TURNAROUND INFORMATION	DATA DELIVERABLE INFORMATION	ANALYSIS
[illegible]	[illegible]	[illegible]

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	DATE	TIME	# OF BOTTLES	PRESERVATIVES	COMMENTS
1	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HOLD
2	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HOLD
4	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HOLD
5	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HOLD
6	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
7	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HOLD
8	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HOLD
9	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HOLD
10	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

[illegible]

Page ___ of ___

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Chemtech Project Number:

COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
[illegible]	[illegible]	[illegible]

DATA TURNAROUND INFORMATION	DATA DELIVERABLE INFORMATION	ANALYSIS
[illegible]	[illegible]	[illegible]

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	DATE	TIME	1	2	3	4	5	6	7	8	9	COMMENTS
1	[illegible]	Soil	[illegible]	[illegible]	[illegible]	X									HOLD
2	[illegible]	Soil	[illegible]	[illegible]	[illegible]	X									HOLD
3	[illegible]	Soil	[illegible]	[illegible]	[illegible]	X									HOLD
4	[illegible]	Soil	[illegible]	[illegible]	[illegible]	X									
5	[illegible] MS/MSD	Soil	[illegible]	[illegible]	[illegible]	X									
6	[illegible]	Soil	[illegible]	[illegible]	[illegible]	X									HOLD
7	[illegible]	Soil	[illegible]	[illegible]	[illegible]	X									HOLD
8	[illegible]	Soil	[illegible]	[illegible]	[illegible]	X									HOLD
9	[illegible]	Soil	[illegible]	[illegible]	1400	X									
10	[illegible]	Soil	[illegible]	[illegible]	1405	X									HOLD

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

[illegible]

Page [illegible] of [illegible]

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Chemtech Project Number

COC Number

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
[illegible]	[illegible]	[illegible]

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME
1	[illegible]	Soil	[illegible]	[illegible]
2	[illegible]	Soil	[illegible]	[illegible]
3	[illegible]	Soil	[illegible]	[illegible]
4	[illegible]	Soil	[illegible]	[illegible]
5		Soil	[illegible]	
6		Soil	[illegible]	
7		Soil	[illegible]	
8		Soil	[illegible]	
9		Soil	[illegible]	
10		Soil	[illegible]	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

[illegible]

WHITE – CHEMTECH COPY FOR RETURN TO CLIENT   YELLOW – CHEMTECH COPY   PINK – SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS006(0-6)	SDG No.:	D3945
Lab Sample ID:	D3945-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010168.D	1	08/27/12	08/29/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7	9	18	ug/Kg
11097-69-1	Aroclor-1254	2700	E	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.7		10 - 166		108%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		60 - 125		89%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS006(0-6)DL	SDG No.:	D3945
Lab Sample ID:	D3945-02DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010155.D	20	08/27/12	08/29/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	180	UD	74	180	360	ug/Kg
11104-28-2	Aroclor-1221	180	UD	72	180	360	ug/Kg
11141-16-5	Aroclor-1232	180	UD	160	180	360	ug/Kg
53469-21-9	Aroclor-1242	180	UD	72	180	360	ug/Kg
12672-29-6	Aroclor-1248	180	UD	140	180	360	ug/Kg
11097-69-1	Aroclor-1254	5000	D	32	180	360	ug/Kg
11096-82-5	Aroclor-1260	180	UD	87	180	360	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS011(0-6)	SDG No.:	D3945
Lab Sample ID:	D3945-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010130.D	1	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7	9	18	ug/Kg
11097-69-1	Aroclor-1254	52		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.4		10 - 166		97%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		60 - 125		78%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS007(0-6)	SDG No.:	D3945
Lab Sample ID:	D3945-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	15 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010131.D	1	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	10	U	4.1	10	20	ug/Kg
11104-28-2	Aroclor-1221	10	U	4	10	20	ug/Kg
11141-16-5	Aroclor-1232	10	U	8.8	10	20	ug/Kg
53469-21-9	Aroclor-1242	10	U	4	10	20	ug/Kg
12672-29-6	Aroclor-1248	10	U	7.7	10	20	ug/Kg
11097-69-1	Aroclor-1254	230		1.8	10	20	ug/Kg
11096-82-5	Aroclor-1260	10	U	4.8	10	20	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.6		10 - 166		83%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.3	*	60 - 125		52%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS007(0-6)RE	SDG No.:	D3945
Lab Sample ID:	D3945-10RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	15 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010154.D	1	08/27/12	08/29/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	10	U	4.1	10	20	ug/Kg
11104-28-2	Aroclor-1221	10	U	4	10	20	ug/Kg
11141-16-5	Aroclor-1232	10	U	8.8	10	20	ug/Kg
53469-21-9	Aroclor-1242	10	U	4	10	20	ug/Kg
12672-29-6	Aroclor-1248	10	U	7.7	10	20	ug/Kg
11097-69-1	Aroclor-1254	190		1.8	10	20	ug/Kg
11096-82-5	Aroclor-1260	10	U	4.8	10	20	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	12.5		10 - 166		63%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.97	*	60 - 125		50%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS012(0-6)	SDG No.:	D3945
Lab Sample ID:	D3945-14	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010125.D	1	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	15	J	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.5		10 - 166		93%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.1		60 - 125		70%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS004(0-6)	SDG No.:	D3945
Lab Sample ID:	D3945-20	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010108.D	1	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	43	P	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.8		10 - 166		94%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		60 - 125		77%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	FIELDDUP001	SDG No.:	D3945
Lab Sample ID:	D3945-24	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010109.D	1	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.9	9	18	ug/Kg
11097-69-1	Aroclor-1254	2700	EP	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.8		10 - 166		84%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		60 - 125		80%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	FIELDDUP001DL	SDG No.:	D3945
Lab Sample ID:	D3945-24DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010162.D	20	08/27/12	08/29/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	180	UD	73	180	360	ug/Kg
11104-28-2	Aroclor-1221	180	UD	71	180	360	ug/Kg
11141-16-5	Aroclor-1232	180	UD	160	180	360	ug/Kg
53469-21-9	Aroclor-1242	180	UD	71	180	360	ug/Kg
12672-29-6	Aroclor-1248	180	UD	140	180	360	ug/Kg
11097-69-1	Aroclor-1254	4700	D	31	180	360	ug/Kg
11096-82-5	Aroclor-1260	180	UD	86	180	360	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.6		10 - 166		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	28.8	*	60 - 125		144%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	FIELDDUP002	SDG No.:	D3945
Lab Sample ID:	D3945-25	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010110.D	1	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7	9	18	ug/Kg
11097-69-1	Aroclor-1254	81		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.6		10 - 166		88%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		60 - 125		71%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

DATA FOR

GC SEMI-VOLATILES

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 6315896353

ORDER ID : **D3944**

ATTENTION : **Brian Barth**

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 09/04/2012

Dear Brian Barth,

1 water and **20** soil samples for the **Canine Kennel** project were received on **08/25/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

Regards,

CHRISTOPHER WOLSKI

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

214 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

CHEMTECH SAMPLE #	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME	# OF CONTAINERS	1	2	3	4	5	6	7	8	9	COMMENTS
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													
		Soil													

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Page ___ of ___

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
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CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

CHEMTECH SAMPLE #	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME	PRESERVATIVES									# OF CONTAINERS
						1	2	3	4	5	6	7	8	9	10
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												
		Soil												

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	FIELDBLANK	SDG No.:	D3944
Lab Sample ID:	D3944-01	Matrix:	WATER
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	970 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : 6		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010118.D	1	08/27/12	08/28/12	PB65394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.26	U	0.099	0.26	0.52	ug/L
11104-28-2	Aroclor-1221	0.26	U	0.196	0.26	0.52	ug/L
11141-16-5	Aroclor-1232	0.26	U	0.155	0.26	0.52	ug/L
53469-21-9	Aroclor-1242	0.26	U	0.092	0.26	0.52	ug/L
12672-29-6	Aroclor-1248	0.26	U	0.247	0.26	0.52	ug/L
11097-69-1	Aroclor-1254	0.26	U	0.045	0.26	0.52	ug/L
11096-82-5	Aroclor-1260	0.26	U	0.084	0.26	0.52	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.7		35 - 137		113%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		40 - 135		85%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS001(6-12)	SDG No.:	D3944
Lab Sample ID:	D3944-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010166.D	1	08/27/12	08/29/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	10	U	4.2	10	20	ug/Kg
11104-28-2	Aroclor-1221	10	U	4.1	10	20	ug/Kg
11141-16-5	Aroclor-1232	10	U	9	10	20	ug/Kg
53469-21-9	Aroclor-1242	10	U	4.1	10	20	ug/Kg
12672-29-6	Aroclor-1248	10	U	7.9	10	20	ug/Kg
11097-69-1	Aroclor-1254	430	E	1.8	10	20	ug/Kg
11096-82-5	Aroclor-1260	10	U	4.9	10	20	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.1		10 - 166		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 125		83%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS001(6-12)DL	SDG No.:	D3944
Lab Sample ID:	D3944-02DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010133.D	2	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	20.5	UD	8.3	20.5	41	ug/Kg
11104-28-2	Aroclor-1221	20.5	UD	8.2	20.5	41	ug/Kg
11141-16-5	Aroclor-1232	20.5	UD	18	20.5	41	ug/Kg
53469-21-9	Aroclor-1242	20.5	UD	8.2	20.5	41	ug/Kg
12672-29-6	Aroclor-1248	20.5	UD	16	20.5	41	ug/Kg
11097-69-1	Aroclor-1254	410	DP	3.6	20.5	41	ug/Kg
11096-82-5	Aroclor-1260	20.5	UD	9.9	20.5	41	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	12.9		10 - 166		65%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.1		60 - 125		76%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS002(6-12)	SDG No.:	D3944
Lab Sample ID:	D3944-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010167.D	1	08/27/12	08/29/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	480	E	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.7		10 - 166		93%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.5		60 - 125		78%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS002(6-12)DL	SDG No.:	D3944
Lab Sample ID:	D3944-03DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010134.D	5	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	45.5	UD	19	45.5	91	ug/Kg
11104-28-2	Aroclor-1221	45.5	UD	18	45.5	91	ug/Kg
11141-16-5	Aroclor-1232	45.5	UD	40	45.5	91	ug/Kg
53469-21-9	Aroclor-1242	45.5	UD	18	45.5	91	ug/Kg
12672-29-6	Aroclor-1248	45.5	UD	35	45.5	91	ug/Kg
11097-69-1	Aroclor-1254	650	D	8	45.5	91	ug/Kg
11096-82-5	Aroclor-1260	45.5	UD	22	45.5	91	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.2		10 - 166		76%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		60 - 125		78%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS003(6-12)	SDG No.:	D3944
Lab Sample ID:	D3944-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010123.D	1	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.9	9	18	ug/Kg
11097-69-1	Aroclor-1254	9	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.2		10 - 166		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	14		60 - 125		70%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS005(0-6)	SDG No.:	D3944
Lab Sample ID:	D3944-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010179.D	1	08/27/12	08/30/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7	9	18	ug/Kg
11097-69-1	Aroclor-1254	2700	E	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.7		10 - 166		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		60 - 125		79%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS005(0-6)DL	SDG No.:	D3944
Lab Sample ID:	D3944-05DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010135.D	10	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	90	UD	37	90	180	ug/Kg
11104-28-2	Aroclor-1221	90	UD	36	90	180	ug/Kg
11141-16-5	Aroclor-1232	90	UD	79	90	180	ug/Kg
53469-21-9	Aroclor-1242	90	UD	36	90	180	ug/Kg
12672-29-6	Aroclor-1248	90	UD	70	90	180	ug/Kg
11097-69-1	Aroclor-1254	3300	D	16	90	180	ug/Kg
11096-82-5	Aroclor-1260	90	UD	44	90	180	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	12.9		10 - 166		65%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		60 - 125		83%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS008(0-6)	SDG No.:	D3944
Lab Sample ID:	D3944-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010180.D	1	08/27/12	08/30/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.9	9	18	ug/Kg
11097-69-1	Aroclor-1254	2100	E	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.4		10 - 166		92%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		60 - 125		77%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS008(0-6)DL	SDG No.:	D3944
Lab Sample ID:	D3944-09DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010136.D	10	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	90	UD	37	90	180	ug/Kg
11104-28-2	Aroclor-1221	90	UD	36	90	180	ug/Kg
11141-16-5	Aroclor-1232	90	UD	79	90	180	ug/Kg
53469-21-9	Aroclor-1242	90	UD	36	90	180	ug/Kg
12672-29-6	Aroclor-1248	90	UD	69	90	180	ug/Kg
11097-69-1	Aroclor-1254	3100	D	16	90	180	ug/Kg
11096-82-5	Aroclor-1260	90	UD	43	90	180	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	13.5		10 - 166		68%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		60 - 125		89%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS009(0-6)	SDG No.:	D3944
Lab Sample ID:	D3944-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010181.D	1	08/27/12	08/30/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.9	9	18	ug/Kg
11097-69-1	Aroclor-1254	730	E	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.2		10 - 166		106%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		60 - 125		89%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS009(0-6)DL	SDG No.:	D3944
Lab Sample ID:	D3944-13DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010137.D	5	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	44.5	UD	18	44.5	89	ug/Kg
11104-28-2	Aroclor-1221	44.5	UD	18	44.5	89	ug/Kg
11141-16-5	Aroclor-1232	44.5	UD	39	44.5	89	ug/Kg
53469-21-9	Aroclor-1242	44.5	UD	18	44.5	89	ug/Kg
12672-29-6	Aroclor-1248	44.5	UD	35	44.5	89	ug/Kg
11097-69-1	Aroclor-1254	810	D	7.8	44.5	89	ug/Kg
11096-82-5	Aroclor-1260	44.5	UD	22	44.5	89	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15		10 - 166		75%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		60 - 125		97%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	08/23/12
Project:	Canine Kennel	Date Received:	08/25/12
Client Sample ID:	DS010(0-6)	SDG No.:	D3944
Lab Sample ID:	D3944-19	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC010124.D	1	08/27/12	08/28/12	PB65378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.9	9	18	ug/Kg
11097-69-1	Aroclor-1254	9	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.4		10 - 166		92%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		60 - 125		73%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

APPENDIX C
LABORATORY ANALYTICAL REPORTS
(ENDPOINT SAMPLING)

DATA FOR

GC SEMI-VOLATILES

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 631-589-6353

ORDER ID : **D4787**

ATTENTION : **Andy Lockwood**

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 11/13/2012

Dear Andy Lockwood,

1 water and **7** soil samples for the **Canine Kennel** project were received on **11/12/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

Regards,

CHRISTOPHER WOLSKI

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

COC Number 025193

CLIENT INFORMATION

Company: PWGC
Address: 630 Johnson Ave
City: Bohemia State: NY
Attention: A. Lockwood

CLIENT PROJECT INFORMATION

Project Name: Former Kennel
Project Manager: Andy Lockwood

CLIENT BILLING INFORMATION

Bill to: Same as
Address: Client info

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

1. 4033 PCBs

Sample #	Project Sample Identification	Sample Matrix	Grab	Date	Time	Preservatives	Comments
1	FieldBlank-002	W	X	11/6/12	1300	X	
2	EP-002(A2)	S	X	↓	1348	X	
3	EP-019	S	X	↓	1315	X	
4	EP-016	S	X	↓	1321	X	
5	EP-015	S	X	↓	1326	X	
6	EP-014	S	X	↓	1350	X	
7	EP-013	S	X	↓	1415	X	
8	EP-012	S	X	↓	1435	X	
9							
10							

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

Relinquished by: 1. [signature] Date/Time: 11/7/12 1130

Relinquished by: 2. UPS Date/Time: 11/7/12

Received by: 2. [signature]

Conditions of bottles or coolers at receipt: ☑ Compliant ☐ Non Compliant Cooler Temp. 5°C

Comments

Page 1 of 1

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	FIELDBLANK-001	SDG No.:	D4787
Lab Sample ID:	D4787-01	Matrix:	WATER
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : 5		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005172.D	1	11/12/12	11/12/12	PB66772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.096	0.25	0.5	ug/L
11104-28-2	Aroclor-1221	0.25	U	0.19	0.25	0.5	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.15	0.25	0.5	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.089	0.25	0.5	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.24	0.25	0.5	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.044	0.25	0.5	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	6.91		35 - 137		35%	SPK: 20
2051-24-3	Decachlorobiphenyl	4.3	*	40 - 135		22%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	FIELDBLANK-001RE	SDG No.:	D4787
Lab Sample ID:	D4787-01RE	Matrix:	WATER
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : 5		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005193.D	1	11/12/12	11/13/12	PB66772

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.096	0.25	0.5	ug/L
11104-28-2	Aroclor-1221	0.25	U	0.19	0.25	0.5	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.15	0.25	0.5	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.089	0.25	0.5	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.24	0.25	0.5	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.044	0.25	0.5	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	7.08		35 - 137		35%	SPK: 20
2051-24-3	Decachlorobiphenyl	4.22	*	40 - 135		21%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	EP-002(CA)	SDG No.:	D4787
Lab Sample ID:	D4787-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005173.D	1	11/12/12	11/12/12	PB66780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.9	9	18	ug/Kg
11097-69-1	Aroclor-1254	140		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.9		10 - 166		105%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		60 - 125		83%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	EP-017	SDG No.:	D4787
Lab Sample ID:	D4787-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	4 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005174.D	1	11/12/12	11/12/12	PB66780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.5	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.5	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.8	9	18	ug/Kg
11097-69-1	Aroclor-1254	290		1.5	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.7		10 - 166		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	18		60 - 125		90%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	EP-016	SDG No.:	D4787
Lab Sample ID:	D4787-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005175.D	1	11/12/12	11/12/12	PB66780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.2	9	18	ug/Kg
11097-69-1	Aroclor-1254	130		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		10 - 166		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	15		60 - 125		75%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	EP-015	SDG No.:	D4787
Lab Sample ID:	D4787-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.12 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005176.D	1	11/12/12	11/12/12	PB66780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	17	J	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.8		10 - 166		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		60 - 125		84%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	EP-014	SDG No.:	D4787
Lab Sample ID:	D4787-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005177.D	1	11/12/12	11/12/12	PB66780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.2	9	18	ug/Kg
11097-69-1	Aroclor-1254	9	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19		10 - 166		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.6		60 - 125		68%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	EP-013	SDG No.:	D4787
Lab Sample ID:	D4787-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005178.D	1	11/12/12	11/12/12	PB66780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	9	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.8		10 - 166		94%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.4		60 - 125		67%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/09/12
Project:	Canine Kennel	Date Received:	11/12/12
Client Sample ID:	EP-012	SDG No.:	D4787
Lab Sample ID:	D4787-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005179.D	1	11/12/12	11/12/12	PB66780

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	9	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.8		10 - 166		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		60 - 125		73%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

DATA FOR

GC SEMI-VOLATILES

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 631-589-6353

ORDER ID : **D4831**

ATTENTION : **Andy Lockwood**

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 11/16/2012

Dear Andy Lockwood,

1 water and **11** soil samples for the **Canine Kennel** project were received on **11/15/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

CHRISTOPHER WOLSKI

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

COC Number 025194

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	PRESERVATIVES	COMMENTS
1	EP-001						
2	EP-002						
3	EP003						
4	EP004 DUP03						
5	EP005						
6	EP004						
7	EP005						
8	EP009						
9	EP010						
10	EP011						

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

WHITE - CHEMTECH COPY | YELLOW - CHEMTECH COPY | PINK - SAMPLER COPY

CHEMTECH

CHAIN OF CUSTODY RECORD

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www.chemtech.net

COC number 02445

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF CONTAINERS

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Comments

WHITE - CHEMTECH COPY YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP001	SDG No.:	d4831
Lab Sample ID:	D4831-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005243.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9.5	U	3.8	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	9.5	U	3.7	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	9.5	U	8.2	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	9.5	U	3.7	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	9.5	U	7.2	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	1500	E	1.6	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	9.5	U	4.5	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.9		10 - 166		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		60 - 125		83%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP001DL	SDG No.:	d4831
Lab Sample ID:	D4831-01DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005266.D	10	11/15/12	11/16/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	95	UD	38	95	190	ug/Kg
11104-28-2	Aroclor-1221	95	UD	37	95	190	ug/Kg
11141-16-5	Aroclor-1232	95	UD	82	95	190	ug/Kg
53469-21-9	Aroclor-1242	95	UD	37	95	190	ug/Kg
12672-29-6	Aroclor-1248	95	UD	72	95	190	ug/Kg
11097-69-1	Aroclor-1254	1200	D	16	95	190	ug/Kg
11096-82-5	Aroclor-1260	95	UD	45	95	190	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.8		10 - 166		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.4		60 - 125		72%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP002	SDG No.:	d4831
Lab Sample ID:	D4831-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005244.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7	9	18	ug/Kg
11097-69-1	Aroclor-1254	100		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.7		10 - 166		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		60 - 125		83%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP003	SDG No.:	d4831
Lab Sample ID:	D4831-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005245.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	220		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22		10 - 166		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 125		91%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP005	SDG No.:	d4831
Lab Sample ID:	D4831-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005246.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.2	9	18	ug/Kg
11097-69-1	Aroclor-1254	73		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21		10 - 166		105%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		60 - 125		84%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP006	SDG No.:	d4831
Lab Sample ID:	D4831-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005247.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9.5	U	3.8	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	9.5	U	3.7	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	9.5	U	8.2	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	9.5	U	3.7	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	9.5	U	7.2	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	900	EP	1.6	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	9.5	U	4.5	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.3		10 - 166		92%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.4		60 - 125		62%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP006DL	SDG No.:	d4831
Lab Sample ID:	D4831-05DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005267.D	5	11/15/12	11/16/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	46.5	UD	19	46.5	93	ug/Kg
11104-28-2	Aroclor-1221	46.5	UD	19	46.5	93	ug/Kg
11141-16-5	Aroclor-1232	46.5	UD	41	46.5	93	ug/Kg
53469-21-9	Aroclor-1242	46.5	UD	19	46.5	93	ug/Kg
12672-29-6	Aroclor-1248	46.5	UD	36	46.5	93	ug/Kg
11097-69-1	Aroclor-1254	860	D	8.2	46.5	93	ug/Kg
11096-82-5	Aroclor-1260	46.5	UD	23	46.5	93	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.5		10 - 166		93%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.8	*	60 - 125		59%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP007	SDG No.:	d4831
Lab Sample ID:	D4831-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	11 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005248.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9.5	U	3.9	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	9.5	U	3.8	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	9.5	U	8.4	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	9.5	U	3.8	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	9.5	U	7.4	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	4300	EP	1.7	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	9.5	U	4.6	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.2		10 - 166		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.5		60 - 125		72%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP007DL	SDG No.:	d4831
Lab Sample ID:	D4831-06DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	11 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005268.D	20	11/15/12	11/16/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	190	UD	78	190	380	ug/Kg
11104-28-2	Aroclor-1221	190	UD	76	190	380	ug/Kg
11141-16-5	Aroclor-1232	190	UD	170	190	380	ug/Kg
53469-21-9	Aroclor-1242	190	UD	76	190	380	ug/Kg
12672-29-6	Aroclor-1248	190	UD	150	190	380	ug/Kg
11097-69-1	Aroclor-1254	3800	D	33	190	380	ug/Kg
11096-82-5	Aroclor-1260	190	UD	92	190	380	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.2		10 - 166		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	15		60 - 125		75%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP008	SDG No.:	d4831
Lab Sample ID:	D4831-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005251.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9.5	U	3.8	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	9.5	U	3.7	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	9.5	U	8.2	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	9.5	U	3.7	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	9.5	U	7.2	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	1400	EP	1.6	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	9.5	U	4.5	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.3		10 - 166		92%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.4		60 - 125		72%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP008DL	SDG No.:	d4831
Lab Sample ID:	D4831-07DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005269.D	10	11/15/12	11/16/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	95	UD	38	95	190	ug/Kg
11104-28-2	Aroclor-1221	95	UD	37	95	190	ug/Kg
11141-16-5	Aroclor-1232	95	UD	82	95	190	ug/Kg
53469-21-9	Aroclor-1242	95	UD	37	95	190	ug/Kg
12672-29-6	Aroclor-1248	95	UD	72	95	190	ug/Kg
11097-69-1	Aroclor-1254	1200	D	16	95	190	ug/Kg
11096-82-5	Aroclor-1260	95	UD	45	95	190	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.7		10 - 166		109%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.7		60 - 125		74%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP009	SDG No.:	d4831
Lab Sample ID:	D4831-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005252.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	49		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21		10 - 166		105%	SPK: 20
2051-24-3	Decachlorobiphenyl	17		60 - 125		85%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP010	SDG No.:	d4831
Lab Sample ID:	D4831-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005253.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	43	P	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.1		10 - 166		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 125		80%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP011	SDG No.:	d4831
Lab Sample ID:	D4831-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005254.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	110		1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.9		10 - 166		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		60 - 125		77%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/12/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	FIELDBLANK-002	SDG No.:	d4831
Lab Sample ID:	D4831-11	Matrix:	WATER
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	960 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : 5		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005272.D	1	11/15/12	11/16/12	PB66839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.26	U	0.1	0.26	0.52	ug/L
11104-28-2	Aroclor-1221	0.26	U	0.198	0.26	0.52	ug/L
11141-16-5	Aroclor-1232	0.26	U	0.156	0.26	0.52	ug/L
53469-21-9	Aroclor-1242	0.26	U	0.093	0.26	0.52	ug/L
12672-29-6	Aroclor-1248	0.26	U	0.25	0.26	0.52	ug/L
11097-69-1	Aroclor-1254	0.26	U	0.046	0.26	0.52	ug/L
11096-82-5	Aroclor-1260	0.26	U	0.084	0.26	0.52	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.1		35 - 137		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.83		40 - 135		49%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/13/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP018	SDG No.:	d4831
Lab Sample ID:	D4831-12	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005255.D	1	11/15/12	11/15/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9.5	U	3.8	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	9.5	U	3.7	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	9.5	U	8.2	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	9.5	U	3.7	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	9.5	U	7.2	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	3800	EP	1.6	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	9.5	U	4.5	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.1		10 - 166		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	16		60 - 125		80%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/13/12
Project:	Canine Kennel	Date Received:	11/15/12
Client Sample ID:	EP018DL	SDG No.:	d4831
Lab Sample ID:	D4831-12DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005270.D	20	11/15/12	11/16/12	PB66849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	185	UD	76	185	370	ug/Kg
11104-28-2	Aroclor-1221	185	UD	75	185	370	ug/Kg
11141-16-5	Aroclor-1232	185	UD	160	185	370	ug/Kg
53469-21-9	Aroclor-1242	185	UD	75	185	370	ug/Kg
12672-29-6	Aroclor-1248	185	UD	140	185	370	ug/Kg
11097-69-1	Aroclor-1254	4300	D	33	185	370	ug/Kg
11096-82-5	Aroclor-1260	185	UD	90	185	370	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	31.8		10 - 166		159%	SPK: 20
2051-24-3	Decachlorobiphenyl	21		60 - 125		105%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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DATA FOR

GC SEMI-VOLATILES

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 631-589-6353

ORDER ID : **D4907**

ATTENTION : **Andy Lockwood**

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 11/23/2012

Dear Andy Lockwood,

1 water and **10** soil samples for the **Canine Kennel** project were received on **11/21/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

Regards,

CHRISTOPHER WOLSKI

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

CHEMTECH SAMPLE ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF CONTAINERS	PRESERVATIVES	COMMENTS

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

Cooler Temp. 5°C

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 24602

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME	PRESERVATIVE	1	2	3	4	5	6	7	8	9	COMMENTS

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

Comments:

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP001B(12-18)	SDG No.:	D4907
Lab Sample ID:	D4907-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	3 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011408.D	1	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	8.5	U	3.6	8.5	17	ug/Kg
11104-28-2	Aroclor-1221	8.5	U	3.5	8.5	17	ug/Kg
11141-16-5	Aroclor-1232	8.5	U	7.7	8.5	17	ug/Kg
53469-21-9	Aroclor-1242	8.5	U	3.5	8.5	17	ug/Kg
12672-29-6	Aroclor-1248	8.5	U	6.8	8.5	17	ug/Kg
11097-69-1	Aroclor-1254	2100	E	1.5	8.5	17	ug/Kg
11096-82-5	Aroclor-1260	8.5	U	4.2	8.5	17	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.2		10 - 166		111%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		60 - 125		109%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP001B(12-18)DL	SDG No.:	D4907
Lab Sample ID:	D4907-01DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	3 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011411.D	10	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	85	UD	36	85	170	ug/Kg
11104-28-2	Aroclor-1221	85	UD	35	85	170	ug/Kg
11141-16-5	Aroclor-1232	85	UD	77	85	170	ug/Kg
53469-21-9	Aroclor-1242	85	UD	35	85	170	ug/Kg
12672-29-6	Aroclor-1248	85	UD	68	85	170	ug/Kg
11097-69-1	Aroclor-1254	2900	D	15	85	170	ug/Kg
11096-82-5	Aroclor-1260	85	UD	42	85	170	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.4		10 - 166		92%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.5		60 - 125		123%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP018B(12-18)	SDG No.:	D4907
Lab Sample ID:	D4907-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011401.D	1	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9.5	U	3.8	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	9.5	U	3.8	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	9.5	U	8.3	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	9.5	U	3.8	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	9.5	U	7.3	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	190		1.7	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	9.5	U	4.6	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.9		10 - 166		105%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		60 - 125		78%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP007B(12-18)	SDG No.:	D4907
Lab Sample ID:	D4907-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	9 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011402.D	1	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9.5	U	3.8	9.5	19	ug/Kg
11104-28-2	Aroclor-1221	9.5	U	3.7	9.5	19	ug/Kg
11141-16-5	Aroclor-1232	9.5	U	8.2	9.5	19	ug/Kg
53469-21-9	Aroclor-1242	9.5	U	3.7	9.5	19	ug/Kg
12672-29-6	Aroclor-1248	9.5	U	7.2	9.5	19	ug/Kg
11097-69-1	Aroclor-1254	140		1.6	9.5	19	ug/Kg
11096-82-5	Aroclor-1260	9.5	U	4.5	9.5	19	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.1		10 - 166		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.8		60 - 125		64%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP008B(12-18)	SDG No.:	D4907
Lab Sample ID:	D4907-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011403.D	1	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	9	U	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.4		10 - 166		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	17		60 - 125		85%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	FIELDDUP002	SDG No.:	D4907
Lab Sample ID:	D4907-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	4 Decanted:
Sample Wt/Vol:	30.12 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011409.D	1	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.5	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.5	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.8	9	18	ug/Kg
11097-69-1	Aroclor-1254	1800	E	1.5	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.3		10 - 166		117%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		60 - 125		99%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	FIELDDUP002DL	SDG No.:	D4907
Lab Sample ID:	D4907-07DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	4 Decanted:
Sample Wt/Vol:	30.12 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011412.D	10	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	90	UD	36	90	180	ug/Kg
11104-28-2	Aroclor-1221	90	UD	35	90	180	ug/Kg
11141-16-5	Aroclor-1232	90	UD	78	90	180	ug/Kg
53469-21-9	Aroclor-1242	90	UD	35	90	180	ug/Kg
12672-29-6	Aroclor-1248	90	UD	68	90	180	ug/Kg
11097-69-1	Aroclor-1254	2700	D	15	90	180	ug/Kg
11096-82-5	Aroclor-1260	90	UD	43	90	180	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.8		10 - 166		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.5	*	60 - 125		128%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	FIELDBLANK003	SDG No.:	D4907
Lab Sample ID:	D4907-08	Matrix:	WATER
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	960 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : 5		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011404.D	1	11/21/12	11/23/12	PB66996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.26	U	0.1	0.26	0.52	ug/L
11104-28-2	Aroclor-1221	0.26	U	0.198	0.26	0.52	ug/L
11141-16-5	Aroclor-1232	0.26	U	0.156	0.26	0.52	ug/L
53469-21-9	Aroclor-1242	0.26	U	0.093	0.26	0.52	ug/L
12672-29-6	Aroclor-1248	0.26	U	0.25	0.26	0.52	ug/L
11097-69-1	Aroclor-1254	0.26	U	0.046	0.26	0.52	ug/L
11096-82-5	Aroclor-1260	0.26	U	0.084	0.26	0.52	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.3		35 - 137		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		40 - 135		98%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP019(6-12)	SDG No.:	D4907
Lab Sample ID:	D4907-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011405.D	1	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	160	P	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.2		10 - 166		106%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		60 - 125		78%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
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* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP020(6-12)	SDG No.:	D4907
Lab Sample ID:	D4907-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011410.D	1	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.2	9	18	ug/Kg
11097-69-1	Aroclor-1254	650	E	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.3		10 - 166		111%	SPK: 20
2051-24-3	Decachlorobiphenyl	19		60 - 125		95%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP020(6-12)DL	SDG No.:	D4907
Lab Sample ID:	D4907-10DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011413.D	10	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	90	UD	38	90	180	ug/Kg
11104-28-2	Aroclor-1221	90	UD	37	90	180	ug/Kg
11141-16-5	Aroclor-1232	90	UD	81	90	180	ug/Kg
53469-21-9	Aroclor-1242	90	UD	37	90	180	ug/Kg
12672-29-6	Aroclor-1248	90	UD	72	90	180	ug/Kg
11097-69-1	Aroclor-1254	1000	D	16	90	180	ug/Kg
11096-82-5	Aroclor-1260	90	UD	45	90	180	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.7		10 - 166		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	23		60 - 125		115%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/20/12
Project:	Canine Kennel	Date Received:	11/21/12
Client Sample ID:	EP021(6-12)	SDG No.:	D4907
Lab Sample ID:	D4907-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011406.D	1	11/21/12	11/23/12	PB66995

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.2	9	18	ug/Kg
11097-69-1	Aroclor-1254	190	P	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.5		10 - 166		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.5		60 - 125		78%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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Q = indicates LCS control criteria did not meet requirements

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DATA FOR

GC SEMI-VOLATILES

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 631-589-6353

ORDER ID : **D4965**

ATTENTION : **Andy Lockwood**

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 11/30/2012

Dear Andy Lockwood,

1 water and **2** soil samples for the **Canine Kennel** project were received on **11/29/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

CHRISTOPHER WOLSKI

9087283149

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project No.:

COC No.:

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME	PRESERVATIVES	1	2	3	4	5	6	7	8	9	10

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

Relinquished by: | Received by: | Relinquished by: | Received by:

Comments:

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/28/12
Project:	Canine Kennel	Date Received:	11/29/12
Client Sample ID:	FIELDBLANK004	SDG No.:	D4965
Lab Sample ID:	D4965-01	Matrix:	WATER
Analytical Method:	SW8082A	% Moisture:	100 Decanted:
Sample Wt/Vol:	900 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : 5		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011568.D	1	11/29/12	11/29/12	PB67120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.28	U	0.107	0.28	0.56	ug/L
11104-28-2	Aroclor-1221	0.28	U	0.211	0.28	0.56	ug/L
11141-16-5	Aroclor-1232	0.28	U	0.167	0.28	0.56	ug/L
53469-21-9	Aroclor-1242	0.28	U	0.099	0.28	0.56	ug/L
12672-29-6	Aroclor-1248	0.28	U	0.267	0.28	0.56	ug/L
11097-69-1	Aroclor-1254	0.28	U	0.049	0.28	0.56	ug/L
11096-82-5	Aroclor-1260	0.28	U	0.09	0.28	0.56	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.1		35 - 137		106%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		40 - 135		100%	SPK: 20

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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/28/12
Project:	Canine Kennel	Date Received:	11/29/12
Client Sample ID:	EP001C(18-24)	SDG No.:	D4965
Lab Sample ID:	D4965-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	4 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011602.D	1	11/29/12	11/30/12	PB67155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.6	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.5	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.5	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	6.8	9	18	ug/Kg
11097-69-1	Aroclor-1254	5.2	JP	1.5	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.3	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.7		10 - 166		84%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		60 - 125		78%	SPK: 20

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/28/12
Project:	Canine Kennel	Date Received:	11/29/12
Client Sample ID:	EP020B(12-18)	SDG No.:	D4965
Lab Sample ID:	D4965-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PC011603.D	1	11/29/12	11/30/12	PB67155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.1	9	18	ug/Kg
11097-69-1	Aroclor-1254	10	J	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.3		10 - 166		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		60 - 125		90%	SPK: 20

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LOQ = Limit of Quantitation
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APPENDIX D
NYSDEC APPROVAL LETTERS

Andrew Lockwood

From: Heather Bishop
Sent: Monday, January 07, 2013 9:06 AM
To: Andrew Lockwood
Cc: James Meyers; Kristen Rubino
Subject: Re: Former Canine Kennel IRM - Clean FIll Approval

Andy,
Sorry for my delay. I've reviewed the clean fill source information and I approve the backfilling at the Former Canine Kennel IRM. Please let me know if you need more information.
Thanks -Heather

Heather Bishop
NYSDEC
Division of Environmental Remediation
Remedial Bureau A
625 Broadway, 11th Floor
Albany, NY 12233-7015
Phone: (518) 402-9692
Fax : (518) 402-9022>> Andrew Lockwood <andyl@pwgrosser.com> 1/3/2013 1:02 PM >>>
Heather,

Attached is the clean fill source our subcontractor has identified for the subject site restoration (~300 yards). Please call me if you have any questions, per our WP I am waiting until I receive your approval before we backfill, thanks.

Andy C. Lockwood
Vice President

PWGC
Strategic Environmental Engineering Solutions

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, NY 11716

Phone: 631.589.6353
Fax: 631.589.8705
E-mail: andyl@pwgrosser.com
Web: www.pwgrosser.com

Andrew Lockwood

From: Heather Bishop
Sent: Thursday, March 28, 2013 9:02 AM
To: Andrew Lockwood
Cc: James Meyers
Subject: Re: Canine Kennel Site #152079

Andy,
I have reviewed the sieve analysis provided and I have no concerns with the backfill material. Please go ahead with the restoration plans at the Canine Kennel Site #152079 as described in your email below.
Thanks -Heather

Heather Bishop
NYSDEC
Division of Environmental Remediation
Remedial Bureau A
625 Broadway, 11th Floor
Albany, NY 12233-7015
Phone: (518) 402-9692
Fax : (518) 402-9022>> Andrew Lockwood <andyl@pwgrosser.com> 3/25/2013 2:09 PM >>>
Heather,

As part of the restoration we will need to place 3"-4" of RCA over the backfill material to make it suitable to drive on. I have attached the sieve analysis provided by the proposed source of the RCA. They are a NYSDEC permitted facility (#52W138R), let me know if we can proceed with placing this material or if you need additional information. Thanks.

Andy C. Lockwood
Vice President

PWGC
Strategic Environmental Engineering Solutions

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, NY 11716

Phone: 631.589.6353
Fax: 631.589.8705
E-mail: andyl@pwgrosser.com
Web: www.pwgrosser.com

APPENDIX E
BACKFILL MATERIAL SOURCE LETTER AND SIEVE ANALYSIS

New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials, Region One
Stony Brook University
50 Circle Road, Stony Brook, New York 11790 - 3409
Phone: (631) 444-0375 • **FAX:** (631) 444-0231
Website: www.dec.state.ny.us

Alexander B. Grannis
Commissioner

February 24, 2009

Mr. James M. DeMartinis
JR Holzmacher, PE, LLC.
300 Wheeler Road, Suite 402
Hauppauge, NY 11788-4300

Re: Soil Sampling and Testing
250 Orchard Road, East Patchogue, New York

Dear Mr. DeMartinis:

The New York State Department of Environmental Conservation (Department) has reviewed the report, dated February 2, 2009, for the initial phase of soil sampling and testing for the referenced site. Based on those results, the Department has determined that there is no environmental concern for the materials tested thus far, and hereby approves your recommendations for the second phase of sampling of the large pile. Sampling activities shall start within fifteen (15) days from the date of this letter, and all sampling shall be completed within forty-five (45) days from the date of this letter. The Department must be notified at least three business days before the start of any field activities.

According to the Paragraph III A of the Compliance Schedule of Order on Consent (DEC File No. R1-20080114-14), after completion of the investigation, the Respondent shall submit an approvable plan with an implementation schedule for the clean up of materials stockpiled at the facility. The Respondent, however, may opt to submit such plan in stages for different piles or portions thereof when said portions of the investigation are completed. Upon the Department's approval, the materials will be disposed of in accordance with the approved plan and implementation schedule.

Should you have any questions regarding this matter, please contact Ms. Jie Zhao of my staff at (631) 444-0375.

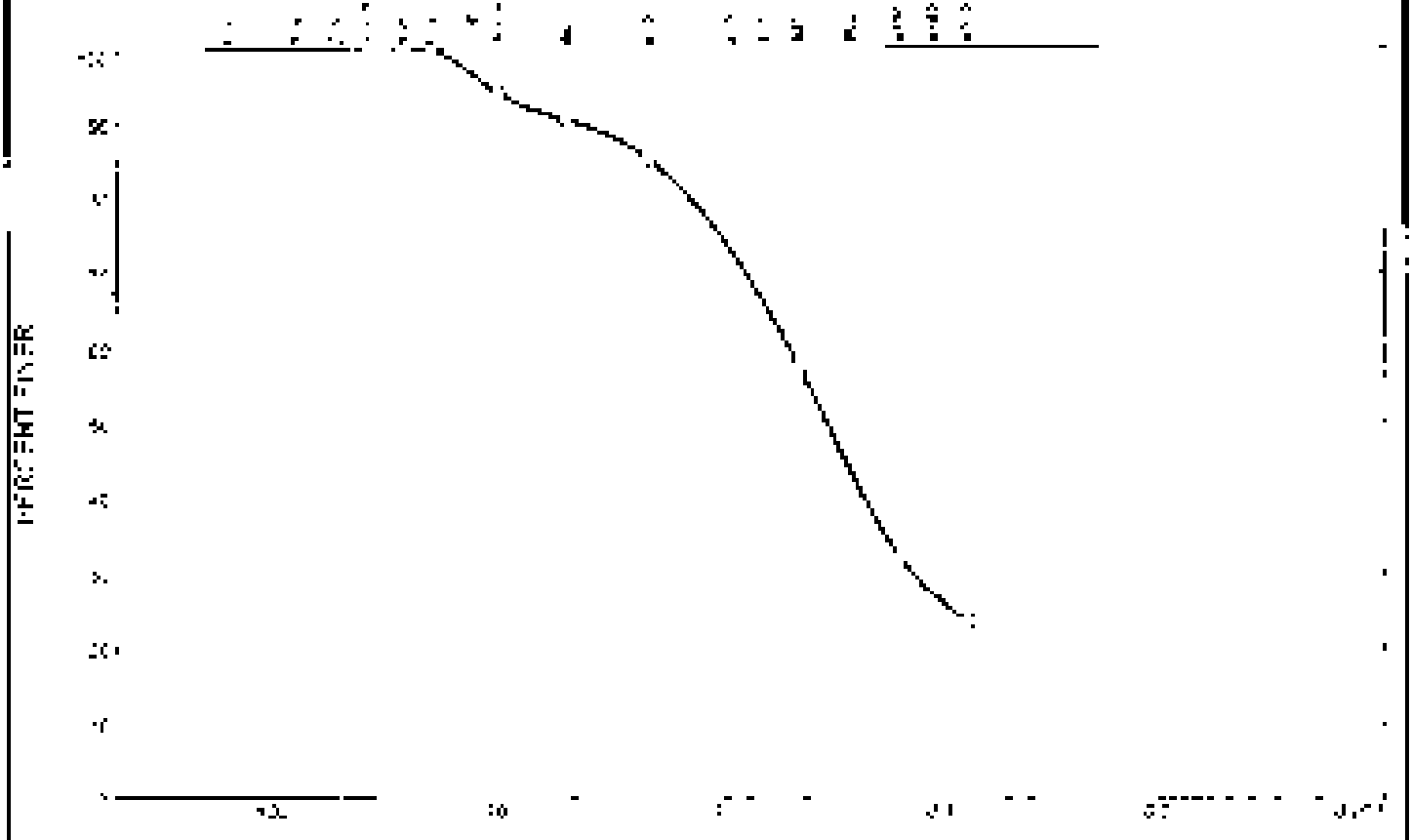
Sincerely,

Syed H. Rahman, P.E.
Regional Solid Materials Engineer

cc: Vernon G. Rail, Regional Attorney
Merlange Genece, P.E., DSHM
Jie Zhao, P.E. DSHM

Nancy Gallipoli

Particle Size Distribution Report



% Gravel	% Sand	% Silt	% Clay
[illegible]	[illegible]	[illegible]	[illegible]

U.S. Std. Sieve Size	PERCENT Finer	SPEC.* PERCENT	PASS? (X=NO)
[illegible]	[illegible]	[illegible]	[illegible]

Material Description

[illegible]

Atterberg Limits

[illegible]

Coefficients

[illegible]

Classification

[illegible]

Remarks

[illegible]

* [illegible]

Location: [illegible]
Sample Number: [illegible] Depth: [illegible]

Date: [illegible]

MUNICIPAL TESTING LABORATORY, INC.

Client: [illegible]
Project: [illegible]

Hicksville, NY

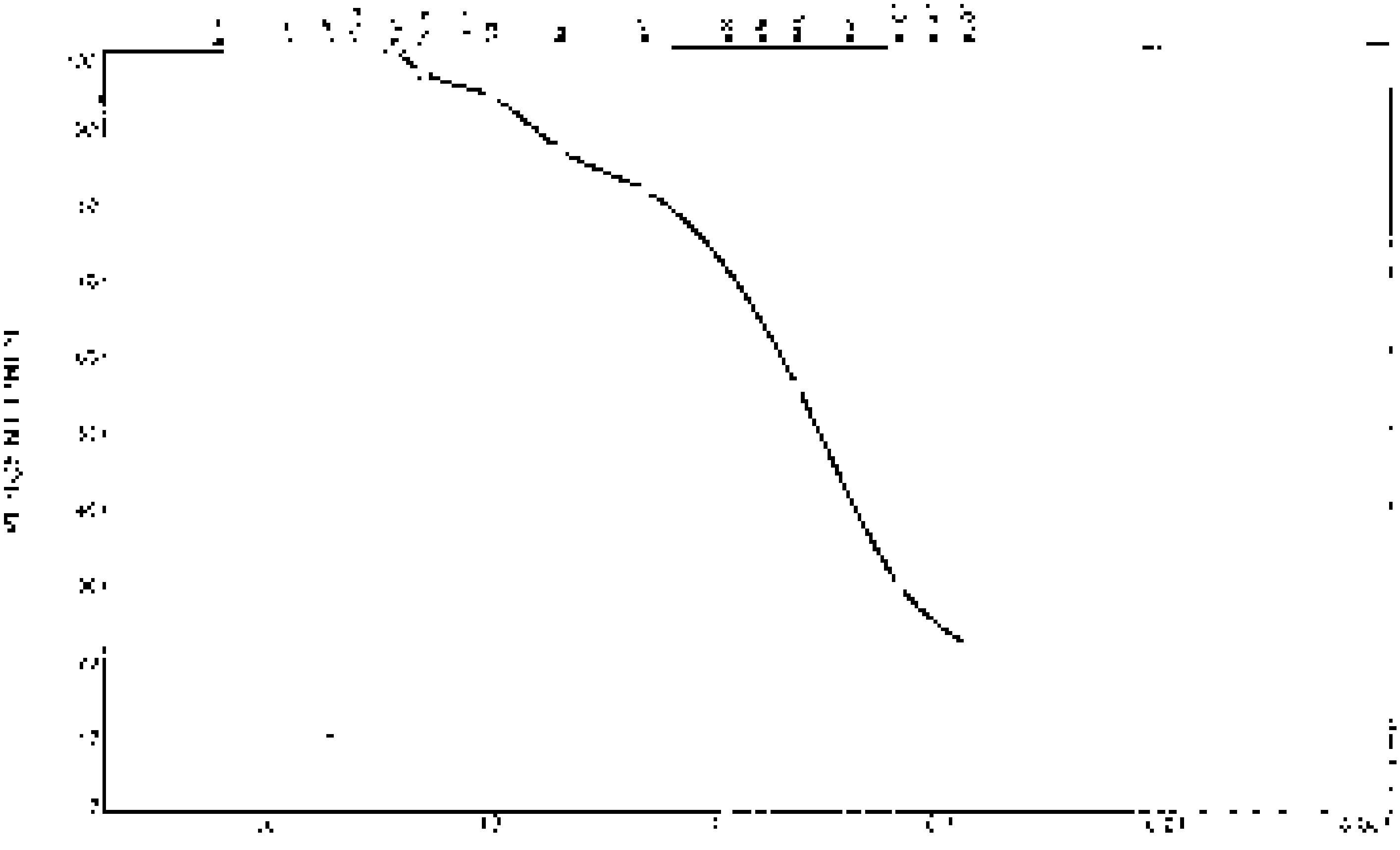
Project No: [illegible]

Figure

Tested By: [illegible]

Checked By: [illegible]

Particle Size Distribution Report



% +3"	% Gravel	% Sand	% Silt	% Clay
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
#200	[illegible]		

Material Description

[illegible]

Atterberg Limits

PL= [illegible] LL= [illegible] PI= [illegible]

Coefficients

D_{85}= [illegible] D_{60}= [illegible] D_{50}= [illegible]
D_{30}= [illegible] D_{15}= [illegible] D_{10}= [illegible]
C_u= [illegible] C_c= [illegible]

Classification

USCS= [illegible] AASHTO= [illegible]

Remarks

[illegible]

* (no specification provided)

Location: [illegible]
Sample Number: 1 **Depth:** [illegible]

Date: [illegible]

MUNICIPAL TESTING LABORATORY, INC.

Hicksville, NY

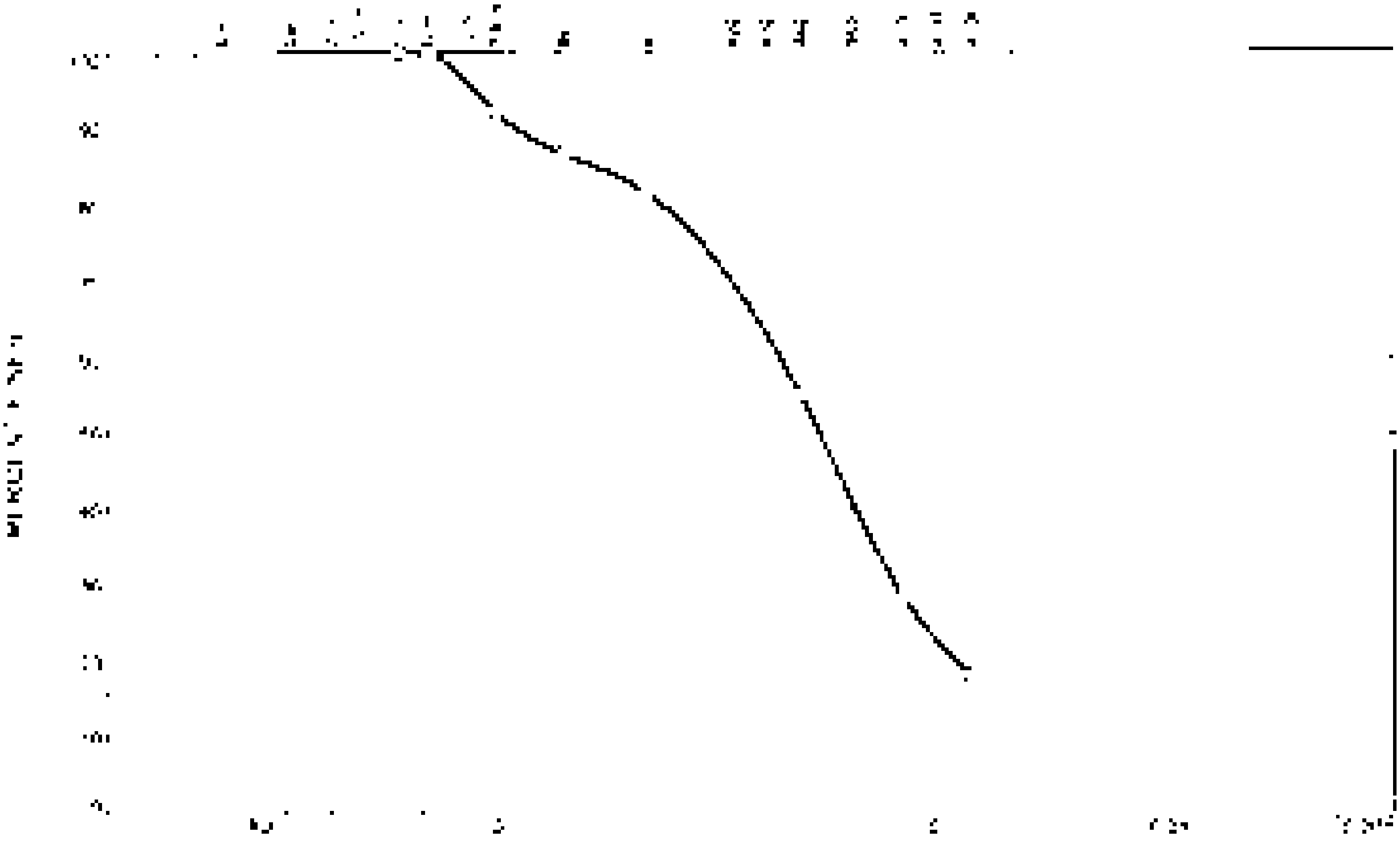
Client: [illegible]
Project: [illegible]
Project No. [illegible]

Figure

Tested By: [illegible] MATHEW

Checked By: P KASPARIAN, P.E.

Particle Size Distribution Report



% +3"	% Gravel	% Sand	% Silt	% Clay
0.0	[illegible]	[illegible]	[illegible]	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
[illegible]	100.0		
[illegible]	[illegible]		
#4	[illegible]		
#10	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
#200	[illegible]		

Material Description

[illegible]

Atterberg Limits

PL= [illegible] LL= [illegible] PI= [illegible]

Coefficients

D_{85}= [illegible] D_{60}= [illegible] D_{50}= [illegible]
D_{30}= [illegible] D_{15}= [illegible] D_{10}= [illegible]
C_u= [illegible] C_c= [illegible]

Classification

USCS= [illegible] AASHTO= [illegible]

Remarks

[illegible]

* (no specification provided)

Location: [illegible]
Sample Number: [illegible] **Depth:** [illegible] **Date:** [illegible]

MUNICIPAL TESTING LABORATORY, INC. **Client:** [illegible]
Project: [illegible]

Hicksville, NY **Project No:** [illegible] **Figure**

Tested By: [illegible] Checked By: [illegible] KASPAR [illegible]

73 Otis Street | W. Babylon NY 11704
T: 631 491 5252 F: 631 491 3060
www.universaltest.com

LLW#:
DOB#:
FID#:

Page 1 of 1
Date: 9/19/2012
Time in/out: n/a
UTIS Report #: 12-14284

Gradation Analysis

Client: CON-STRUX LLC
690 Muncy Ave., Lindenhurst, NY 11757
Project: Self Evaluation
Job Location:

UTIS Inspector: G.Hungerford
Gen Contractor:
G.C. Rep.:
Sub-Contractor:

Sample(s) (Type): Recycled Concrete Aggregate (RCA) **Test(s): ASTM C136 Sieve Analysis**
Supplier:

	Sieve Size	% Passing	Specification
Coarse Gravel	2 in	***100.0***	**100**
	1.5 in		
	1 in	***92.1***	
Fine Gravel	3/4 in	***63.9***	
	1/2 in	***55.1***	
	3/8 in		
	1/4 in	***39.3***	**30 - 65**
Coarse Sand	no. 4	***24.0***	
	no. 8		
	no. 10	***16.9***	
Medium Sand	no. 16		
	no. 20		
	no. 30		
	no. 40	***9.9***	**5 - 40**
Fine Sand	no. 50		
	no. 60		
	no. 80		
Silt/Clay	no. 100		
	no. 200	***3.60***	**0 - 10**

REMARKS

Gradation meets NYSDOT 304-1 Type 4 Sub Base

Sampled by: Client **Date:** 9/13/12
Delivered by: Client **Date:** 9/13/12

UTIS Lab Technician: Gary Hungerford Date: 9/19/2012
Reviewed By: Date: 9/19/2012

APPENDIX F
LABORATORY ANALYTICAL REPORTS
(WASTE CHARACTERIZATION)

CHEMTECH

DATA FOR

VOLATILE ORGANICS

SEMI-VOLATILE ORGANICS

GC SEMI-VOLATILES

METALS

GENERAL CHEMISTRY

PROJECT NAME : CANINE KENNEL

P.W. GROSSER CONSULTING

630 Johnson Ave.

Suite 7

Bohemia, NY - 11716

Phone No: 631-589-6353

ORDER ID : **D4857**

ATTENTION : **Andy Lockwood**

nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 11/23/2012

Dear Andy Lockwood,

8 soil samples for the **Canine Kennel** project were received on **11/16/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

Regards,

CHRISTOPHER WOLSKI

c.wolski@CHEMTECH.NET

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

COC Number 025195

CLIENT INFORMATION

Company: PMK
Address: 236 Jackson Ave.
Attention: A Lockwood / K. Roberts

CLIENT PROJECT INFORMATION

Project Name: Canine Kennel
Project Manager: Andy Lockwood
Phone: Same Fax: Same

CLIENT BILLING INFORMATION

Bill to: Same as Client
Info

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

PRESERVATIVES

COMMENTS

Sample ID	Project Sample Identification	Sample Matrix	Sample Type		Date	Time	Bottles	1	2	3	4	5	6	7	8	9
1	WC001	S	X		[illegible]		3	X	X	X						
2	WC001(B)			X			1				X					
3	WC002		X				3	X	X	X						
4	WC002(B)			X			1				X					
5	WC003		X				3	X	X	X						
6	WC003(B)			X			1				X					
7	WC004(CA)		X				4	X	X			X	X	X	X	
8	WC004 (B)			X			1				X					
9																
10																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

Relinquished by Sampler: K Roberts Date/Time: [illegible] 1930

Received by: PS

Compliant [X] Non Compliant [ ]

Cooler Temp: 4°C

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001	SDG No.:	D4857
Lab Sample ID:	D4857-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-36-0	Antimony	0.56	UN	1	0.25	0.56	1.12	mg/Kg	11/19/12	11/21/12	SW6010B
7440-38-2	Arsenic	2.12		1	0.15	0.225	0.45	mg/Kg	11/19/12	11/21/12	SW6010B
7440-41-7	Beryllium	0.065	U	1	0.03	0.065	0.13	mg/Kg	11/19/12	11/21/12	SW6010B
7440-43-9	Cadmium	0.83		1	0.03	0.065	0.13	mg/Kg	11/19/12	11/21/12	SW6010B
7440-47-3	Chromium	18.6	N*	1	0.06	0.11	0.22	mg/Kg	11/19/12	11/21/12	SW6010B
7440-50-8	Copper	61.3		1	0.14	0.225	0.45	mg/Kg	11/19/12	11/21/12	SW6010B
7439-92-1	Lead	50.3		1	0.05	0.135	0.27	mg/Kg	11/19/12	11/21/12	SW6010B
7439-97-6	Mercury	0.02		1	0.002	0.006	0.011	mg/Kg	11/16/12	11/19/12	SW7471A
7440-02-0	Nickel	7.4	*	1	0.21	0.45	0.9	mg/Kg	11/19/12	11/21/12	SW6010B
7782-49-2	Selenium	0.225	U	1	0.18	0.225	0.45	mg/Kg	11/19/12	11/21/12	SW6010B
7440-22-4	Silver	1.63	*	1	0.07	0.11	0.22	mg/Kg	11/19/12	11/21/12	SW6010B
7440-28-0	Thallium	0.45	U	1	0.12	0.45	0.9	mg/Kg	11/19/12	11/21/12	SW6010B
7440-66-6	Zinc	106		1	0.31	0.45	0.9	mg/Kg	11/19/12	11/21/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-PP				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001	SDG No.:	D4857
Lab Sample ID:	D4857-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005462.D	500	11/19/12	11/23/12	PB66939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4600	U	1900	4600	9200	ug/Kg
11104-28-2	Aroclor-1221	4600	U	1800	4600	9200	ug/Kg
11141-16-5	Aroclor-1232	4600	U	4100	4600	9200	ug/Kg
53469-21-9	Aroclor-1242	4600	U	1800	4600	9200	ug/Kg
12672-29-6	Aroclor-1248	4600	U	3600	4600	9200	ug/Kg
11097-69-1	Aroclor-1254	120000		810	4600	9200	ug/Kg
11096-82-5	Aroclor-1260	4600	U	2200	4600	9200	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001	SDG No.:	D4857
Lab Sample ID:	D4857-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079948.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	18.6	180	360	ug/Kg
110-86-1	Pyridine	180	U	71.7	180	360	ug/Kg
100-52-7	Benzaldehyde	180	U	18.9	180	360	ug/Kg
62-53-3	Aniline	180	U	30.9	180	360	ug/Kg
108-95-2	Phenol	180	U	8.4	180	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	17.4	180	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	19.1	180	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	13.8	180	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	6.4	180	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	12.4	180	360	ug/Kg
100-51-6	Benzyl Alcohol	180	U	13.6	180	360	ug/Kg
95-48-7	2-Methylphenol	180	U	19.7	180	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	15	180	360	ug/Kg
98-86-2	Acetophenone	180	U	11.1	180	360	ug/Kg
65794-96-9	3+4-Methylphenols	180	U	18.8	180	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	180	U	18.3	180	360	ug/Kg
67-72-1	Hexachloroethane	180	U	16.2	180	360	ug/Kg
98-95-3	Nitrobenzene	180	U	13.7	180	360	ug/Kg
78-59-1	Isophorone	180	U	11.1	180	360	ug/Kg
88-75-5	2-Nitrophenol	180	U	17.5	180	360	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	20.5	180	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	20.9	180	360	ug/Kg
120-83-2	2,4-Dichlorophenol	180	U	13.8	180	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	13.8	180	360	ug/Kg
65-85-0	Benzoic acid	435	U	71.7	435	870	ug/Kg
91-20-3	Naphthalene	180	U	12.5	180	360	ug/Kg
106-47-8	4-Chloroaniline	180	U	25.5	180	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	13.2	180	360	ug/Kg
105-60-2	Caprolactam	180	U	16.8	180	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	16.1	180	360	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	9.1	180	360	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001	SDG No.:	D4857
Lab Sample ID:	D4857-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079948.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	180	U	8.8	180	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180	U	11.1	180	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180	U	25.4	180	360	ug/Kg
92-52-4	1,1-Biphenyl	180	U	13.7	180	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	8.3	180	360	ug/Kg
88-74-4	2-Nitroaniline	180	U	16.1	180	360	ug/Kg
131-11-3	Dimethylphthalate	590		9.8	180	360	ug/Kg
208-96-8	Acenaphthylene	180	U	9.1	180	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	14.8	180	360	ug/Kg
99-09-2	3-Nitroaniline	180	U	23.3	180	360	ug/Kg
83-32-9	Acenaphthene	180	U	10.2	180	360	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	36.8	180	360	ug/Kg
100-02-7	4-Nitrophenol	180	U	67.3	180	360	ug/Kg
132-64-9	Dibenzofuran	180	U	14.1	180	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	10.1	180	360	ug/Kg
84-66-2	Diethylphthalate	180	U	5.7	180	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	19.7	180	360	ug/Kg
86-73-7	Fluorene	180	U	13.7	180	360	ug/Kg
100-01-6	4-Nitroaniline	180	U	47.2	180	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	20.8	180	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	8.7	180	360	ug/Kg
103-33-3	Azobenzene	180	U	8.5	180	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	7.1	180	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	14.8	180	360	ug/Kg
1912-24-9	Atrazine	180	U	19.1	180	360	ug/Kg
87-86-5	Pentachlorophenol	180	U	24.8	180	360	ug/Kg
85-01-8	Phenanthrene	180	U	9.8	180	360	ug/Kg
120-12-7	Anthracene	180	U	7.4	180	360	ug/Kg
86-74-8	Carbazole	180	U	7.9	180	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	28.5	180	360	ug/Kg
206-44-0	Fluoranthene	180	U	7.3	180	360	ug/Kg
92-87-5	Benzidine	180	U	36.4	180	360	ug/Kg
129-00-0	Pyrene	180	U	8.7	180	360	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001	SDG No.:	D4857
Lab Sample ID:	D4857-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079948.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	180	U	17.4	180	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	23.3	180	360	ug/Kg
56-55-3	Benzo(a)anthracene	180	U	17.3	180	360	ug/Kg
218-01-9	Chrysene	180	U	16.4	180	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	12.8	180	360	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	4.1	180	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	U	11.8	180	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	U	17.1	180	360	ug/Kg
50-32-8	Benzo(a)pyrene	180	U	7.8	180	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	U	12.1	180	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	10.4	180	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	U	14.7	180	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	14.2	180	360	ug/Kg
123-91-1	1,4-Dioxane	180	U	14.2	180	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	14.2	180	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130		28 - 127		88%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		82%	SPK: 150
4165-60-0	Nitrobenzene-d5	92		31 - 132		92%	SPK: 100
321-60-8	2-Fluorobiphenyl	91		39 - 123		91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		78%	SPK: 150
1718-51-0	Terphenyl-d14	88		37 - 115		88%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85364	8.2				
1146-65-2	Naphthalene-d8	324603	10.37				
15067-26-2	Acenaphthene-d10	173687	13.31				
1517-22-2	Phenanthrene-d10	297282	15.76				
1719-03-5	Chrysene-d12	283368	20.11				
1520-96-3	Perylene-d12	254720	23.33				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1900	A			5.42	ug/Kg
007785-70-8	1R-.alpha.-Pinene	320	J			7.06	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001	SDG No.:	D4857
Lab Sample ID:	D4857-01	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079948.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown7.81	3800	J			7.81	ug/Kg
000057-10-3	n-Hexadecanoic acid	310	J			16.62	ug/Kg
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	540	J			16.79	ug/Kg
052663-58-8	1,1-Biphenyl, 2,3,4,6-tetrachlor	550	J			17.6	ug/Kg
038380-01-7	1,1-Biphenyl, 2,2,4,4,5-pentach	1100	J			17.63	ug/Kg
029887-33-0	(2,3,4,5-Tetrachloro-2,4-cyclopent	350	J			17.86	ug/Kg
038380-03-9	1,1-Biphenyl, 2,3,3,4,6-pentach	660	J			18	ug/Kg
039485-83-1	1,1-Biphenyl, 2,2,4,4,6-Pentach	630	J			18.21	ug/Kg
041464-51-1	1,1-Biphenyl, 2,2,3,4,5-Pentach	1000	J			18.29	ug/Kg
	unknown18.56	430	J			18.56	ug/Kg
052712-04-6	1,1-Biphenyl, 2,2,3,4,5,5-hexac	1300	J			18.7	ug/Kg
031508-00-6	1,1-Biphenyl, 2,3,4,4,5-pentach	2300	J			18.75	ug/Kg
052663-72-6	1,1-Biphenyl, 2,3,4,4,5,5-hexa	1400	J			19.01	ug/Kg
035694-04-3	1,1-Biphenyl, 2,2,3,3,5,5-Hexa	890	J			19.06	ug/Kg
060145-21-3	1,1-Biphenyl, 2,2,4,5,6-Pentach	940	J			19.08	ug/Kg
041411-62-5	1,1-Biphenyl, 2,3,3,4,5,6-hexach	350	J			19.18	ug/Kg
032774-16-6	1,1-Biphenyl, 3,3,4,4,5,5-hexa	2900	J			19.36	ug/Kg
035065-28-2	1,1-Biphenyl, 2,2,3,4,4,5-hexa	680	J			19.71	ug/Kg
018835-32-0	1-Tricosene	580	J			19.82	ug/Kg
038380-07-3	1,1-Biphenyl, 2,2,3,3,4,4-hexa	280	J			20	ug/Kg
074472-51-8	1,1-Biphenyl, 2,3,3,4,5,5,6-hep	300	J			20.19	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001(B)	SDG No.:	D4857
Lab Sample ID:	D4857-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	7
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036050.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	2.7	U	0.7	2.7	5.4	ug/Kg
74-87-3	Chloromethane	2.7	U	0.92	2.7	5.4	ug/Kg
75-01-4	Vinyl Chloride	2.7	U	1.3	2.7	5.4	ug/Kg
141-78-6	Ethyl Acetate	2.7	U	0.93	2.7	5.4	ug/Kg
108-21-4	Isopropyl Acetate	2.7	U	1.3	2.7	5.4	ug/Kg
628-63-7	N-amyl acetate	2.7	U	1	2.7	5.4	ug/Kg
74-83-9	Bromomethane	2.7	U	2.6	2.7	5.4	ug/Kg
75-00-3	Chloroethane	2.7	U	1.5	2.7	5.4	ug/Kg
75-69-4	Trichlorofluoromethane	2.7	U	1.4	2.7	5.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.7	U	1.4	2.7	5.4	ug/Kg
75-65-0	Tert butyl alcohol	13.5	U	8	13.5	27	ug/Kg
60-29-7	Diethyl Ether	2.7	U	2.1	2.7	5.4	ug/Kg
75-35-4	1,1-Dichloroethene	2.7	U	1.6	2.7	5.4	ug/Kg
107-02-8	Acrolein	13.5	U	4.3	13.5	27	ug/Kg
107-13-1	Acrylonitrile	13.5	U	5.3	13.5	27	ug/Kg
67-64-1	Acetone	13.5	U	3.2	13.5	27	ug/Kg
75-15-0	Carbon Disulfide	2.7	U	1.1	2.7	5.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.7	U	1	2.7	5.4	ug/Kg
79-20-9	Methyl Acetate	2.7	U	1.6	2.7	5.4	ug/Kg
75-09-2	Methylene Chloride	3.6	J	1.5	2.7	5.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.7	U	0.74	2.7	5.4	ug/Kg
108-05-4	Vinyl Acetate	13.5	U	3.7	13.5	27	ug/Kg
75-34-3	1,1-Dichloroethane	2.7	U	1	2.7	5.4	ug/Kg
110-82-7	Cyclohexane	2.7	U	1.1	2.7	5.4	ug/Kg
78-93-3	2-Butanone	13.5	U	3.3	13.5	27	ug/Kg
56-23-5	Carbon Tetrachloride	2.7	U	1.1	2.7	5.4	ug/Kg
594-20-7	2,2-Dichloropropane	2.7	U	1.1	2.7	5.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.7	U	0.96	2.7	5.4	ug/Kg
74-97-5	Bromochloromethane	2.7	U	0.85	2.7	5.4	ug/Kg
67-66-3	Chloroform	2.7	U	0.79	2.7	5.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.7	U	0.94	2.7	5.4	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001(B)	SDG No.:	D4857
Lab Sample ID:	D4857-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	7
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036050.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
108-87-2	Methylcyclohexane	2.7	U	1.1	2.7	5.4	ug/Kg
563-58-6	1,1-Dichloropropene	2.7	U	0.49	2.7	5.4	ug/Kg
71-43-2	Benzene	2.7	U	0.41	2.7	5.4	ug/Kg
107-06-2	1,2-Dichloroethane	2.7	U	0.69	2.7	5.4	ug/Kg
79-01-6	Trichloroethene	2.7	U	0.92	2.7	5.4	ug/Kg
78-87-5	1,2-Dichloropropane	2.7	U	0.28	2.7	5.4	ug/Kg
74-95-3	Dibromomethane	2.7	U	0.84	2.7	5.4	ug/Kg
75-27-4	Bromodichloromethane	2.7	U	0.67	2.7	5.4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13.5	U	3.1	13.5	27	ug/Kg
108-88-3	Toluene	2.7	U	0.69	2.7	5.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.7	U	0.85	2.7	5.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.7	U	0.77	2.7	5.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.7	U	0.97	2.7	5.4	ug/Kg
142-28-9	1,3-Dichloropropane	2.7	U	0.79	2.7	5.4	ug/Kg
110-75-8	2-Chloroethyl Vinyl ether	13.5	U	12	13.5	27	ug/Kg
591-78-6	2-Hexanone	13.5	U	4.2	13.5	27	ug/Kg
124-48-1	Dibromochloromethane	2.7	U	0.58	2.7	5.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.7	U	0.69	2.7	5.4	ug/Kg
127-18-4	Tetrachloroethene	2.7	U	1.1	2.7	5.4	ug/Kg
108-90-7	Chlorobenzene	2.7	U	0.54	2.7	5.4	ug/Kg
630-20-6	1,1,1,2-Tetrachloroethane	2.7	U	0.46	2.7	5.4	ug/Kg
67-72-1	Hexachloroethane	2.7	U	0.82	2.7	5.4	ug/Kg
100-41-4	Ethyl Benzene	2.7	U	0.67	2.7	5.4	ug/Kg
179601-23-1	m/p-Xylenes	5.5	U	0.77	5.5	11	ug/Kg
95-47-6	o-Xylene	2.7	U	0.73	2.7	5.4	ug/Kg
100-42-5	Styrene	2.7	U	0.48	2.7	5.4	ug/Kg
75-25-2	Bromoform	2.7	U	0.79	2.7	5.4	ug/Kg
98-82-8	Isopropylbenzene	2.7	U	0.52	2.7	5.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.7	U	0.49	2.7	5.4	ug/Kg
96-18-4	1,2,3-Trichloropropane	2.7	U	0.53	2.7	5.4	ug/Kg
108-86-1	Bromobenzene	2.7	U	0.56	2.7	5.4	ug/Kg
103-65-1	n-propylbenzene	2.7	U	0.39	2.7	5.4	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001(B)	SDG No.:	D4857
Lab Sample ID:	D4857-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	7
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036050.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
95-49-8	2-Chlorotoluene	2.7	U	0.79	2.7	5.4	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2.7	U	0.48	2.7	5.4	ug/Kg
106-43-4	4-Chlorotoluene	2.7	U	0.67	2.7	5.4	ug/Kg
98-06-6	tert-Butylbenzene	2.7	U	0.63	2.7	5.4	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.7	U	0.54	2.7	5.4	ug/Kg
135-98-8	sec-Butylbenzene	2.7	U	0.56	2.7	5.4	ug/Kg
99-87-6	p-Isopropyltoluene	2.7	U	0.31	2.7	5.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.7	U	0.4	2.7	5.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.7	U	0.44	2.7	5.4	ug/Kg
104-51-8	n-Butylbenzene	2.7	U	0.49	2.7	5.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.7	U	0.67	2.7	5.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	0.93	2.7	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.7	U	0.75	2.7	5.4	ug/Kg
87-68-3	Hexachlorobutadiene	2.7	U	0.85	2.7	5.4	ug/Kg
91-20-3	Naphthalene	2.7	U	0.48	2.7	5.4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.7	U	0.54	2.7	5.4	ug/Kg
74-88-4	Methyl Iodide	5.4	U	5.4	5.4	5.4	ug/Kg
107-05-1	Allyl chloride	5.4	U	5.4	5.4	5.4	ug/Kg
126-98-7	Methacrylonitrile	5.4	U	5.4	5.4	5.4	ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	5.4	U	5.4	5.4	5.4	ug/Kg
97-63-2	Ethyl methacrylate	5.4	U	5.4	5.4	5.4	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.9		56 - 120		84%	SPK: 50
1868-53-7	Dibromofluoromethane	41.6		57 - 135		83%	SPK: 50
2037-26-5	Toluene-d8	42.4		67 - 123		85%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.2		33 - 141		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	168521	4.34				
540-36-3	1,4-Difluorobenzene	251259	5.08				
3114-55-4	Chlorobenzene-d5	210520	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	75631	12.22				

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC001(B)	SDG No.:	D4857
Lab Sample ID:	D4857-02	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	7
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036050.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002	SDG No.:	D4857
Lab Sample ID:	D4857-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	92

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-36-0	Antimony	0.58	UN	1	0.26	0.58	1.16	mg/Kg	11/19/12	11/21/12	SW6010B
7440-38-2	Arsenic	1.51		1	0.15	0.23	0.46	mg/Kg	11/19/12	11/21/12	SW6010B
7440-41-7	Beryllium	0.07	U	1	0.03	0.07	0.14	mg/Kg	11/19/12	11/21/12	SW6010B
7440-43-9	Cadmium	0.7		1	0.03	0.07	0.14	mg/Kg	11/19/12	11/21/12	SW6010B
7440-47-3	Chromium	7.8	N*	1	0.06	0.115	0.23	mg/Kg	11/19/12	11/21/12	SW6010B
7440-50-8	Copper	39.5		1	0.15	0.23	0.46	mg/Kg	11/19/12	11/21/12	SW6010B
7439-92-1	Lead	30.3		1	0.06	0.14	0.28	mg/Kg	11/19/12	11/21/12	SW6010B
7439-97-6	Mercury	0.014		1	0.002	0.005	0.01	mg/Kg	11/16/12	11/19/12	SW7471A
7440-02-0	Nickel	4.38	*	1	0.21	0.465	0.93	mg/Kg	11/19/12	11/21/12	SW6010B
7782-49-2	Selenium	0.23	U	1	0.19	0.23	0.46	mg/Kg	11/19/12	11/21/12	SW6010B
7440-22-4	Silver	0.115	U*	1	0.07	0.115	0.23	mg/Kg	11/19/12	11/21/12	SW6010B
7440-28-0	Thallium	0.465	U	1	0.12	0.465	0.93	mg/Kg	11/19/12	11/21/12	SW6010B
7440-66-6	Zinc	94.9		1	0.32	0.465	0.93	mg/Kg	11/19/12	11/21/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-PP				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002	SDG No.:	D4857
Lab Sample ID:	D4857-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005455.D	1	11/19/12	11/23/12	PB66939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.8	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.7	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	8.1	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.7	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7.2	9	18	ug/Kg
11097-69-1	Aroclor-1254	730	EP	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.5	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.2		10 - 166		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 125		91%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002DL	SDG No.:	D4857
Lab Sample ID:	D4857-03DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005456.D	10	11/19/12	11/23/12	PB66939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	90	UD	38	90	180	ug/Kg
11104-28-2	Aroclor-1221	90	UD	37	90	180	ug/Kg
11141-16-5	Aroclor-1232	90	UD	81	90	180	ug/Kg
53469-21-9	Aroclor-1242	90	UD	37	90	180	ug/Kg
12672-29-6	Aroclor-1248	90	UD	72	90	180	ug/Kg
11097-69-1	Aroclor-1254	730	DP	16	90	180	ug/Kg
11096-82-5	Aroclor-1260	90	UD	45	90	180	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.4		10 - 166		87%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.6		60 - 125		123%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002	SDG No.:	D4857
Lab Sample ID:	D4857-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079949.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	18.6	180	360	ug/Kg
110-86-1	Pyridine	180	U	71.7	180	360	ug/Kg
100-52-7	Benzaldehyde	180	U	18.9	180	360	ug/Kg
62-53-3	Aniline	180	U	30.9	180	360	ug/Kg
108-95-2	Phenol	180	U	8.4	180	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	17.4	180	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	19.1	180	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	13.8	180	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	6.4	180	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	12.4	180	360	ug/Kg
100-51-6	Benzyl Alcohol	180	U	13.6	180	360	ug/Kg
95-48-7	2-Methylphenol	180	U	19.7	180	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	15	180	360	ug/Kg
98-86-2	Acetophenone	180	U	11.1	180	360	ug/Kg
65794-96-9	3+4-Methylphenols	180	U	18.8	180	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	180	U	18.3	180	360	ug/Kg
67-72-1	Hexachloroethane	180	U	16.2	180	360	ug/Kg
98-95-3	Nitrobenzene	180	U	13.7	180	360	ug/Kg
78-59-1	Isophorone	180	U	11.1	180	360	ug/Kg
88-75-5	2-Nitrophenol	180	U	17.5	180	360	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	20.5	180	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	20.9	180	360	ug/Kg
120-83-2	2,4-Dichlorophenol	180	U	13.8	180	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	13.8	180	360	ug/Kg
65-85-0	Benzoic acid	435	U	71.7	435	870	ug/Kg
91-20-3	Naphthalene	180	U	12.5	180	360	ug/Kg
106-47-8	4-Chloroaniline	180	U	25.5	180	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	13.2	180	360	ug/Kg
105-60-2	Caprolactam	180	U	16.8	180	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	16.1	180	360	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	9.1	180	360	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002	SDG No.:	D4857
Lab Sample ID:	D4857-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079949.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	180	U	8.8	180	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180	U	11.1	180	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180	U	25.4	180	360	ug/Kg
92-52-4	1,1-Biphenyl	180	U	13.7	180	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	8.3	180	360	ug/Kg
88-74-4	2-Nitroaniline	180	U	16.1	180	360	ug/Kg
131-11-3	Dimethylphthalate	670		9.8	180	360	ug/Kg
208-96-8	Acenaphthylene	180	U	9.1	180	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	14.8	180	360	ug/Kg
99-09-2	3-Nitroaniline	180	U	23.3	180	360	ug/Kg
83-32-9	Acenaphthene	180	U	10.2	180	360	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	36.8	180	360	ug/Kg
100-02-7	4-Nitrophenol	180	U	67.3	180	360	ug/Kg
132-64-9	Dibenzofuran	180	U	14.1	180	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	10.1	180	360	ug/Kg
84-66-2	Diethylphthalate	180	U	5.7	180	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	19.7	180	360	ug/Kg
86-73-7	Fluorene	180	U	13.7	180	360	ug/Kg
100-01-6	4-Nitroaniline	180	U	47.2	180	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	20.8	180	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	8.7	180	360	ug/Kg
103-33-3	Azobenzene	180	U	8.5	180	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	7.1	180	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	14.8	180	360	ug/Kg
1912-24-9	Atrazine	180	U	19.1	180	360	ug/Kg
87-86-5	Pentachlorophenol	180	U	24.8	180	360	ug/Kg
85-01-8	Phenanthrene	180	U	9.8	180	360	ug/Kg
120-12-7	Anthracene	180	U	7.4	180	360	ug/Kg
86-74-8	Carbazole	180	U	7.9	180	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	28.5	180	360	ug/Kg
206-44-0	Fluoranthene	180	J	7.3	180	360	ug/Kg
92-87-5	Benzidine	180	U	36.4	180	360	ug/Kg
129-00-0	Pyrene	200	J	8.7	180	360	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002	SDG No.:	D4857
Lab Sample ID:	D4857-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079949.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	180	U	17.4	180	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	23.3	180	360	ug/Kg
56-55-3	Benzo(a)anthracene	180	U	17.3	180	360	ug/Kg
218-01-9	Chrysene	180	U	16.4	180	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	12.8	180	360	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	4.1	180	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	U	11.8	180	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	U	17.1	180	360	ug/Kg
50-32-8	Benzo(a)pyrene	180	U	7.8	180	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	U	12.1	180	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	10.4	180	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	U	14.7	180	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	14.2	180	360	ug/Kg
123-91-1	1,4-Dioxane	180	U	14.2	180	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	14.2	180	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130		28 - 127		87%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		80%	SPK: 150
4165-60-0	Nitrobenzene-d5	93		31 - 132		93%	SPK: 100
321-60-8	2-Fluorobiphenyl	92		39 - 123		92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		80%	SPK: 150
1718-51-0	Terphenyl-d14	93		37 - 115		93%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89384	8.2				
1146-65-2	Naphthalene-d8	323651	10.37				
15067-26-2	Acenaphthene-d10	176213	13.32				
1517-22-2	Phenanthrene-d10	302310	15.77				
1719-03-5	Chrysene-d12	273422	20.11				
1520-96-3	Perylene-d12	248229	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2000	A			5.43	ug/Kg
007785-70-8	1R-.alpha.-Pinene	870	J			7.05	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002	SDG No.:	D4857
Lab Sample ID:	D4857-03	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	8
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079949.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000127-91-3	.beta.-Pinene	310	J			7.74	ug/Kg
	unknown7.81	3700	J			7.81	ug/Kg
000541-02-6	Cyclopentasiloxane, decamethyl-	100	J			9.53	ug/Kg
000094-59-7	1,3-Benzodioxole, 5-(2-propenyl)-	110	J			11.41	ug/Kg
000498-07-7	1,6-Anhydro-.beta.-D-glucopyranose	87	J			13.12	ug/Kg
000593-49-7	Heptacosane	220	J			15.56	ug/Kg
025128-48-7	Selenide, ethyl 1-methyl-1-penten-	110	J			15.86	ug/Kg
000112-95-8	Eicosane	140	J			16.26	ug/Kg
000057-10-3	n-Hexadecanoic acid	370	J			16.63	ug/Kg
000057-11-4	Octadecanoic acid	190	J			17.91	ug/Kg
001330-86-5	Diisooctyl adipate	120	J			19.25	ug/Kg
001740-19-8	1-Phenanthrenecarboxylic acid, 1,2	300	J			19.77	ug/Kg
000296-56-0	Cycloeicosane	480	J			19.82	ug/Kg
005638-09-5	Cyclopentane, (4-octyldodecyl)-	210	J			21.02	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002(B)	SDG No.:	D4857
Lab Sample ID:	D4857-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	7
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036071.D	1		11/20/12	VF112012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	2.7	U	0.7	2.7	5.4	ug/Kg
74-87-3	Chloromethane	2.7	U	0.92	2.7	5.4	ug/Kg
75-01-4	Vinyl Chloride	2.7	U	1.3	2.7	5.4	ug/Kg
141-78-6	Ethyl Acetate	2.7	U	0.94	2.7	5.4	ug/Kg
108-21-4	Isopropyl Acetate	2.7	U	1.3	2.7	5.4	ug/Kg
628-63-7	N-amyl acetate	2.7	U	1	2.7	5.4	ug/Kg
74-83-9	Bromomethane	2.7	U	2.6	2.7	5.4	ug/Kg
75-00-3	Chloroethane	2.7	U	1.5	2.7	5.4	ug/Kg
75-69-4	Trichlorofluoromethane	2.7	U	1.4	2.7	5.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.7	U	1.4	2.7	5.4	ug/Kg
75-65-0	Tert butyl alcohol	13.5	U	8	13.5	27	ug/Kg
60-29-7	Diethyl Ether	2.7	U	2.1	2.7	5.4	ug/Kg
75-35-4	1,1-Dichloroethene	2.7	U	1.6	2.7	5.4	ug/Kg
107-02-8	Acrolein	13.5	U	4.3	13.5	27	ug/Kg
107-13-1	Acrylonitrile	13.5	U	5.3	13.5	27	ug/Kg
67-64-1	Acetone	40		3.2	13.5	27	ug/Kg
75-15-0	Carbon Disulfide	2.7	U	1.1	2.7	5.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.7	U	1	2.7	5.4	ug/Kg
79-20-9	Methyl Acetate	2.7	U	1.6	2.7	5.4	ug/Kg
75-09-2	Methylene Chloride	2.2	J	1.5	2.7	5.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.7	U	0.74	2.7	5.4	ug/Kg
108-05-4	Vinyl Acetate	13.5	U	3.7	13.5	27	ug/Kg
75-34-3	1,1-Dichloroethane	2.7	U	1	2.7	5.4	ug/Kg
110-82-7	Cyclohexane	2.7	U	1.1	2.7	5.4	ug/Kg
78-93-3	2-Butanone	13.5	U	3.3	13.5	27	ug/Kg
56-23-5	Carbon Tetrachloride	2.7	U	1.1	2.7	5.4	ug/Kg
594-20-7	2,2-Dichloropropane	2.7	U	1.1	2.7	5.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.7	U	0.96	2.7	5.4	ug/Kg
74-97-5	Bromochloromethane	2.7	U	0.85	2.7	5.4	ug/Kg
67-66-3	Chloroform	2.7	U	0.8	2.7	5.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.7	U	0.95	2.7	5.4	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002(B)	SDG No.:	D4857
Lab Sample ID:	D4857-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	7
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036071.D	1		11/20/12	VF112012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
108-87-2	Methylcyclohexane	2.7	U	1.1	2.7	5.4	ug/Kg
563-58-6	1,1-Dichloropropene	2.7	U	0.49	2.7	5.4	ug/Kg
71-43-2	Benzene	2.7	U	0.41	2.7	5.4	ug/Kg
107-06-2	1,2-Dichloroethane	2.7	U	0.69	2.7	5.4	ug/Kg
79-01-6	Trichloroethene	2.7	U	0.92	2.7	5.4	ug/Kg
78-87-5	1,2-Dichloropropane	2.7	U	0.28	2.7	5.4	ug/Kg
74-95-3	Dibromomethane	2.7	U	0.84	2.7	5.4	ug/Kg
75-27-4	Bromodichloromethane	2.7	U	0.67	2.7	5.4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13.5	U	3.1	13.5	27	ug/Kg
108-88-3	Toluene	2.7	U	0.69	2.7	5.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.7	U	0.85	2.7	5.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.7	U	0.77	2.7	5.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.7	U	0.97	2.7	5.4	ug/Kg
142-28-9	1,3-Dichloropropane	2.7	U	0.8	2.7	5.4	ug/Kg
110-75-8	2-Chloroethyl Vinyl ether	13.5	U	12	13.5	27	ug/Kg
591-78-6	2-Hexanone	13.5	U	4.2	13.5	27	ug/Kg
124-48-1	Dibromochloromethane	2.7	U	0.58	2.7	5.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.7	U	0.69	2.7	5.4	ug/Kg
127-18-4	Tetrachloroethene	2.7	U	1.1	2.7	5.4	ug/Kg
108-90-7	Chlorobenzene	2.7	U	0.54	2.7	5.4	ug/Kg
630-20-6	1,1,1,2-Tetrachloroethane	2.7	U	0.46	2.7	5.4	ug/Kg
67-72-1	Hexachloroethane	2.7	U	0.82	2.7	5.4	ug/Kg
100-41-4	Ethyl Benzene	2.7	U	0.67	2.7	5.4	ug/Kg
179601-23-1	m/p-Xylenes	5.5	U	0.77	5.5	11	ug/Kg
95-47-6	o-Xylene	2.7	U	0.73	2.7	5.4	ug/Kg
100-42-5	Styrene	2.7	U	0.48	2.7	5.4	ug/Kg
75-25-2	Bromoform	2.7	U	0.8	2.7	5.4	ug/Kg
98-82-8	Isopropylbenzene	2.7	U	0.52	2.7	5.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.7	U	0.49	2.7	5.4	ug/Kg
96-18-4	1,2,3-Trichloropropane	2.7	U	0.53	2.7	5.4	ug/Kg
108-86-1	Bromobenzene	2.7	U	0.56	2.7	5.4	ug/Kg
103-65-1	n-propylbenzene	2.7	U	0.39	2.7	5.4	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002(B)	SDG No.:	D4857
Lab Sample ID:	D4857-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	7
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036071.D	1		11/20/12	VF112012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
95-49-8	2-Chlorotoluene	2.7	U	0.8	2.7	5.4	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2.7	U	0.48	2.7	5.4	ug/Kg
106-43-4	4-Chlorotoluene	2.7	U	0.67	2.7	5.4	ug/Kg
98-06-6	tert-Butylbenzene	2.7	U	0.63	2.7	5.4	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.7	U	0.54	2.7	5.4	ug/Kg
135-98-8	sec-Butylbenzene	2.7	U	0.56	2.7	5.4	ug/Kg
99-87-6	p-Isopropyltoluene	2.7	U	0.31	2.7	5.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.7	U	0.4	2.7	5.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.7	U	0.44	2.7	5.4	ug/Kg
104-51-8	n-Butylbenzene	2.7	U	0.49	2.7	5.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.7	U	0.67	2.7	5.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.7	U	0.94	2.7	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.7	U	0.75	2.7	5.4	ug/Kg
87-68-3	Hexachlorobutadiene	2.7	U	0.85	2.7	5.4	ug/Kg
91-20-3	Naphthalene	2.7	U	0.48	2.7	5.4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.7	UQ	0.54	2.7	5.4	ug/Kg
74-88-4	Methyl Iodide	5.4	U	5.4	5.4	5.4	ug/Kg
107-05-1	Allyl chloride	5.4	U	5.4	5.4	5.4	ug/Kg
126-98-7	Methacrylonitrile	5.4	U	5.4	5.4	5.4	ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	5.4	U	5.4	5.4	5.4	ug/Kg
97-63-2	Ethyl methacrylate	5.4	U	5.4	5.4	5.4	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.3		56 - 120		99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		57 - 135		98%	SPK: 50
2037-26-5	Toluene-d8	50.6		67 - 123		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		33 - 141		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	150912	4.34				
540-36-3	1,4-Difluorobenzene	215652	5.08				
3114-55-4	Chlorobenzene-d5	177864	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	80110	12.21				

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC002(B)	SDG No.:	D4857
Lab Sample ID:	D4857-04	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	7
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036071.D	1		11/20/12	VF112012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003	SDG No.:	D4857
Lab Sample ID:	D4857-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-36-0	Antimony	0.565	UN	1	0.25	0.565	1.13	mg/Kg	11/19/12	11/21/12	SW6010B
7440-38-2	Arsenic	1.65		1	0.15	0.225	0.45	mg/Kg	11/19/12	11/21/12	SW6010B
7440-41-7	Beryllium	0.07	U	1	0.03	0.07	0.14	mg/Kg	11/19/12	11/21/12	SW6010B
7440-43-9	Cadmium	1.76		1	0.03	0.07	0.14	mg/Kg	11/19/12	11/21/12	SW6010B
7440-47-3	Chromium	8.45	N*	1	0.06	0.115	0.23	mg/Kg	11/19/12	11/21/12	SW6010B
7440-50-8	Copper	35.2		1	0.14	0.225	0.45	mg/Kg	11/19/12	11/21/12	SW6010B
7439-92-1	Lead	33.4		1	0.05	0.135	0.27	mg/Kg	11/19/12	11/21/12	SW6010B
7439-97-6	Mercury	0.023		1	0.002	0.005	0.01	mg/Kg	11/16/12	11/19/12	SW7471A
7440-02-0	Nickel	5.74	*	1	0.21	0.45	0.9	mg/Kg	11/19/12	11/21/12	SW6010B
7782-49-2	Selenium	0.225	U	1	0.19	0.225	0.45	mg/Kg	11/19/12	11/21/12	SW6010B
7440-22-4	Silver	1.4	*	1	0.07	0.115	0.23	mg/Kg	11/19/12	11/21/12	SW6010B
7440-28-0	Thallium	0.21	J	1	0.12	0.45	0.9	mg/Kg	11/19/12	11/21/12	SW6010B
7440-66-6	Zinc	126		1	0.32	0.45	0.9	mg/Kg	11/19/12	11/21/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-PP				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003	SDG No.:	D4857
Lab Sample ID:	D4857-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005457.D	1	11/19/12	11/23/12	PB66939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	9	U	3.7	9	18	ug/Kg
11104-28-2	Aroclor-1221	9	U	3.6	9	18	ug/Kg
11141-16-5	Aroclor-1232	9	U	7.9	9	18	ug/Kg
53469-21-9	Aroclor-1242	9	U	3.6	9	18	ug/Kg
12672-29-6	Aroclor-1248	9	U	7	9	18	ug/Kg
11097-69-1	Aroclor-1254	4800	EP	1.6	9	18	ug/Kg
11096-82-5	Aroclor-1260	9	U	4.4	9	18	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	29.1		10 - 166		145%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		60 - 125		109%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003DL	SDG No.:	D4857
Lab Sample ID:	D4857-05DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	6 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005458.D	20	11/19/12	11/23/12	PB66939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	180	UD	74	180	360	ug/Kg
11104-28-2	Aroclor-1221	180	UD	72	180	360	ug/Kg
11141-16-5	Aroclor-1232	180	UD	160	180	360	ug/Kg
53469-21-9	Aroclor-1242	180	UD	72	180	360	ug/Kg
12672-29-6	Aroclor-1248	180	UD	140	180	360	ug/Kg
11097-69-1	Aroclor-1254	4700	DP	32	180	360	ug/Kg
11096-82-5	Aroclor-1260	180	UD	87	180	360	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.4		10 - 166		137%	SPK: 20
2051-24-3	Decachlorobiphenyl	34.4	*	60 - 125		172%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003	SDG No.:	D4857
Lab Sample ID:	D4857-05	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079950.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	175	U	18.2	175	350	ug/Kg
110-86-1	Pyridine	175	U	70.3	175	350	ug/Kg
100-52-7	Benzaldehyde	175	U	18.5	175	350	ug/Kg
62-53-3	Aniline	175	U	30.2	175	350	ug/Kg
108-95-2	Phenol	175	U	8.2	175	350	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	175	U	17	175	350	ug/Kg
95-57-8	2-Chlorophenol	175	U	18.7	175	350	ug/Kg
95-50-1	1,2-Dichlorobenzene	175	U	13.5	175	350	ug/Kg
541-73-1	1,3-Dichlorobenzene	175	U	6.3	175	350	ug/Kg
106-46-7	1,4-Dichlorobenzene	175	U	12.1	175	350	ug/Kg
100-51-6	Benzyl Alcohol	175	U	13.3	175	350	ug/Kg
95-48-7	2-Methylphenol	175	U	19.3	175	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	175	U	14.7	175	350	ug/Kg
98-86-2	Acetophenone	175	U	10.9	175	350	ug/Kg
65794-96-9	3+4-Methylphenols	175	U	18.4	175	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	175	U	17.9	175	350	ug/Kg
67-72-1	Hexachloroethane	175	U	15.9	175	350	ug/Kg
98-95-3	Nitrobenzene	175	U	13.4	175	350	ug/Kg
78-59-1	Isophorone	175	U	11.7	175	350	ug/Kg
88-75-5	2-Nitrophenol	175	U	17.1	175	350	ug/Kg
105-67-9	2,4-Dimethylphenol	175	U	20.1	175	350	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	175	U	20.4	175	350	ug/Kg
120-83-2	2,4-Dichlorophenol	175	U	13.5	175	350	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	175	U	13.5	175	350	ug/Kg
65-85-0	Benzoic acid	210	J	70.3	425	850	ug/Kg
91-20-3	Naphthalene	175	U	12.2	175	350	ug/Kg
106-47-8	4-Chloroaniline	175	U	25	175	350	ug/Kg
87-68-3	Hexachlorobutadiene	175	U	12.9	175	350	ug/Kg
105-60-2	Caprolactam	175	U	16.5	175	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	175	U	15.8	175	350	ug/Kg
91-57-6	2-Methylnaphthalene	175	U	8.9	175	350	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003	SDG No.:	D4857
Lab Sample ID:	D4857-05	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079950.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	175	U	8.6	175	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	175	U	10.9	175	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	175	U	24.9	175	350	ug/Kg
92-52-4	1,1-Biphenyl	175	U	13.4	175	350	ug/Kg
91-58-7	2-Chloronaphthalene	175	U	8.1	175	350	ug/Kg
88-74-4	2-Nitroaniline	175	U	15.8	175	350	ug/Kg
131-11-3	Dimethylphthalate	600		9.6	175	350	ug/Kg
208-96-8	Acenaphthylene	175	U	8.9	175	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	175	U	14.5	175	350	ug/Kg
99-09-2	3-Nitroaniline	175	U	22.8	175	350	ug/Kg
83-32-9	Acenaphthene	175	U	10	175	350	ug/Kg
51-28-5	2,4-Dinitrophenol	175	U	36.1	175	350	ug/Kg
100-02-7	4-Nitrophenol	175	U	65.9	175	350	ug/Kg
132-64-9	Dibenzofuran	175	U	13.8	175	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	175	U	10.8	175	350	ug/Kg
84-66-2	Diethylphthalate	175	U	5.5	175	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	175	U	19.3	175	350	ug/Kg
86-73-7	Fluorene	175	U	13.4	175	350	ug/Kg
100-01-6	4-Nitroaniline	175	U	46.2	175	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	175	U	20.3	175	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	175	U	8.5	175	350	ug/Kg
103-33-3	Azobenzene	175	U	8.3	175	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	175	U	6.9	175	350	ug/Kg
118-74-1	Hexachlorobenzene	175	U	14.5	175	350	ug/Kg
1912-24-9	Atrazine	175	U	18.7	175	350	ug/Kg
87-86-5	Pentachlorophenol	175	U	24.3	175	350	ug/Kg
85-01-8	Phenanthrene	380		9.6	175	350	ug/Kg
120-12-7	Anthracene	175	U	7.2	175	350	ug/Kg
86-74-8	Carbazole	175	U	7.8	175	350	ug/Kg
84-74-2	Di-n-butylphthalate	175	U	27.9	175	350	ug/Kg
206-44-0	Fluoranthene	670		7.1	175	350	ug/Kg
92-87-5	Benzidine	175	U	35.7	175	350	ug/Kg
129-00-0	Pyrene	710		8.5	175	350	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003	SDG No.:	D4857
Lab Sample ID:	D4857-05	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079950.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	175	U	17	175	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	175	U	22.8	175	350	ug/Kg
56-55-3	Benzo(a)anthracene	360		16.9	175	350	ug/Kg
218-01-9	Chrysene	440		16.1	175	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	175	U	12.6	175	350	ug/Kg
117-84-0	Di-n-octyl phthalate	175	U	4	175	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	470		11.6	175	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	16.7	175	350	ug/Kg
50-32-8	Benzo(a)pyrene	360		7.7	175	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	11.8	175	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	175	U	10.2	175	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	J	14.4	175	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	175	U	13.1	175	350	ug/Kg
123-91-1	1,4-Dioxane	175	U	13.1	175	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	175	U	13.1	175	350	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130		28 - 127		86%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		81%	SPK: 150
4165-60-0	Nitrobenzene-d5	93		31 - 132		93%	SPK: 100
321-60-8	2-Fluorobiphenyl	93		39 - 123		93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		79%	SPK: 150
1718-51-0	Terphenyl-d14	92		37 - 115		92%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80642	8.2				
1146-65-2	Naphthalene-d8	302819	10.37				
15067-26-2	Acenaphthene-d10	166312	13.32				
1517-22-2	Phenanthrene-d10	286157	15.77				
1719-03-5	Chrysene-d12	259010	20.11				
1520-96-3	Perylene-d12	234714	23.33				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1900	A			5.43	ug/Kg
007785-70-8	1R-.alpha.-Pinene	370	J			7.06	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003	SDG No.:	D4857
Lab Sample ID:	D4857-05	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	6.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079950.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown7.81	3800	J			7.81	ug/Kg
000541-02-6	Cyclopentasiloxane, decamethyl-	97	J			9.53	ug/Kg
000498-07-7	1,6-Anhydro-.beta.-D-glucopyranose	88	J			13.12	ug/Kg
001461-22-9	Stannane, tributylchloro-	420	J			14.37	ug/Kg
000629-78-7	Heptadecane	89	J			14.82	ug/Kg
000593-45-3	Octadecane	230	J			15.55	ug/Kg
004425-82-5	9H-Fluorene, 9-methylene-	130	J			15.89	ug/Kg
000244-99-5	5H-Indeno[1,2-b]pyridine	83	J			16.13	ug/Kg
000112-95-8	Eicosane	120	J			16.25	ug/Kg
000057-10-3	n-Hexadecanoic acid	500	J			16.62	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			16.78	ug/Kg
038380-01-7	1,1-Biphenyl, 2,2,4,4,5-pentach	150	J			17.63	ug/Kg
000057-11-4	Octadecanoic acid	420	J			17.92	ug/Kg
074472-37-0	1,1-Biphenyl, 2,3,4,4,5-Pentachl	71	J			18	ug/Kg
035065-27-1	1,1-Biphenyl, 2,2,4,4,5,5-hexa	170	J			18.69	ug/Kg
056558-18-0	1,1-Biphenyl, 2,3,4,5,6-Pentach	160	J			18.75	ug/Kg
052663-72-6	1,1-Biphenyl, 2,3,4,4,5,5-hexa	130	J			19	ug/Kg
	unknown19.06	120	J			19.06	ug/Kg
038380-08-4	1,1-Biphenyl, 2,3,3,4,4,5-hexac	180	J			19.36	ug/Kg
015594-90-8	1-Heneicosanol	420	J			19.82	ug/Kg
000593-50-0	1-Triacontanol	260	J			21.02	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003(B)	SDG No.:	D4857
Lab Sample ID:	D4857-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036052.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	2.65	U	0.68	2.65	5.3	ug/Kg
74-87-3	Chloromethane	2.65	U	0.91	2.65	5.3	ug/Kg
75-01-4	Vinyl Chloride	2.65	U	1.3	2.65	5.3	ug/Kg
141-78-6	Ethyl Acetate	2.65	U	0.92	2.65	5.3	ug/Kg
108-21-4	Isopropyl Acetate	2.65	U	1.3	2.65	5.3	ug/Kg
628-63-7	N-amyl acetate	2.65	U	0.99	2.65	5.3	ug/Kg
74-83-9	Bromomethane	2.65	U	2.6	2.65	5.3	ug/Kg
75-00-3	Chloroethane	2.65	U	1.5	2.65	5.3	ug/Kg
75-69-4	Trichlorofluoromethane	2.65	U	1.4	2.65	5.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.65	U	1.4	2.65	5.3	ug/Kg
75-65-0	Tert butyl alcohol	13	U	7.8	13	26	ug/Kg
60-29-7	Diethyl Ether	2.65	U	2	2.65	5.3	ug/Kg
75-35-4	1,1-Dichloroethene	2.65	U	1.5	2.65	5.3	ug/Kg
107-02-8	Acrolein	13	U	4.2	13	26	ug/Kg
107-13-1	Acrylonitrile	13	U	5.2	13	26	ug/Kg
67-64-1	Acetone	13	U	3.2	13	26	ug/Kg
75-15-0	Carbon Disulfide	2.65	U	1.1	2.65	5.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.65	U	1	2.65	5.3	ug/Kg
79-20-9	Methyl Acetate	2.65	U	1.6	2.65	5.3	ug/Kg
75-09-2	Methylene Chloride	3.6	J	1.5	2.65	5.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.65	U	0.73	2.65	5.3	ug/Kg
108-05-4	Vinyl Acetate	13	U	3.7	13	26	ug/Kg
75-34-3	1,1-Dichloroethane	2.65	U	0.99	2.65	5.3	ug/Kg
110-82-7	Cyclohexane	2.65	U	1.1	2.65	5.3	ug/Kg
78-93-3	2-Butanone	13	U	3.3	13	26	ug/Kg
56-23-5	Carbon Tetrachloride	2.65	U	1	2.65	5.3	ug/Kg
594-20-7	2,2-Dichloropropane	2.65	U	1.1	2.65	5.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.65	U	0.94	2.65	5.3	ug/Kg
74-97-5	Bromochloromethane	2.65	U	0.83	2.65	5.3	ug/Kg
67-66-3	Chloroform	2.65	U	0.78	2.65	5.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.65	U	0.93	2.65	5.3	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003(B)	SDG No.:	D4857
Lab Sample ID:	D4857-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036052.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
108-87-2	Methylcyclohexane	2.65	U	1.1	2.65	5.3	ug/Kg
563-58-6	1,1-Dichloropropene	2.65	U	0.48	2.65	5.3	ug/Kg
71-43-2	Benzene	2.65	U	0.4	2.65	5.3	ug/Kg
107-06-2	1,2-Dichloroethane	2.65	U	0.67	2.65	5.3	ug/Kg
79-01-6	Trichloroethene	2.65	U	0.91	2.65	5.3	ug/Kg
78-87-5	1,2-Dichloropropane	2.65	U	0.27	2.65	5.3	ug/Kg
74-95-3	Dibromomethane	2.65	U	0.82	2.65	5.3	ug/Kg
75-27-4	Bromodichloromethane	2.65	U	0.65	2.65	5.3	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13	U	3.1	13	26	ug/Kg
108-88-3	Toluene	2.65	U	0.67	2.65	5.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.65	U	0.83	2.65	5.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.65	U	0.76	2.65	5.3	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.65	U	0.95	2.65	5.3	ug/Kg
142-28-9	1,3-Dichloropropane	2.65	U	0.78	2.65	5.3	ug/Kg
110-75-8	2-Chloroethyl Vinyl ether	13	U	12	13	26	ug/Kg
591-78-6	2-Hexanone	13	U	4.1	13	26	ug/Kg
124-48-1	Dibromochloromethane	2.65	U	0.57	2.65	5.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.65	U	0.67	2.65	5.3	ug/Kg
127-18-4	Tetrachloroethene	2.65	U	1.1	2.65	5.3	ug/Kg
108-90-7	Chlorobenzene	2.65	U	0.53	2.65	5.3	ug/Kg
630-20-6	1,1,1,2-Tetrachloroethane	2.65	U	0.45	2.65	5.3	ug/Kg
67-72-1	Hexachloroethane	2.65	U	0.8	2.65	5.3	ug/Kg
100-41-4	Ethyl Benzene	2.65	U	0.65	2.65	5.3	ug/Kg
179601-23-1	m/p-Xylenes	5.5	U	0.76	5.5	11	ug/Kg
95-47-6	o-Xylene	2.65	U	0.72	2.65	5.3	ug/Kg
100-42-5	Styrene	2.65	U	0.47	2.65	5.3	ug/Kg
75-25-2	Bromoform	2.65	U	0.78	2.65	5.3	ug/Kg
98-82-8	Isopropylbenzene	2.65	U	0.51	2.65	5.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.65	U	0.48	2.65	5.3	ug/Kg
96-18-4	1,2,3-Trichloropropane	2.65	U	0.52	2.65	5.3	ug/Kg
108-86-1	Bromobenzene	2.65	U	0.55	2.65	5.3	ug/Kg
103-65-1	n-propylbenzene	2.65	U	0.38	2.65	5.3	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003(B)	SDG No.:	D4857
Lab Sample ID:	D4857-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036052.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
95-49-8	2-Chlorotoluene	2.65	U	0.78	2.65	5.3	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2.65	U	0.47	2.65	5.3	ug/Kg
106-43-4	4-Chlorotoluene	2.65	U	0.65	2.65	5.3	ug/Kg
98-06-6	tert-Butylbenzene	2.65	U	0.62	2.65	5.3	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.65	U	0.53	2.65	5.3	ug/Kg
135-98-8	sec-Butylbenzene	2.65	U	0.55	2.65	5.3	ug/Kg
99-87-6	p-Isopropyltoluene	2.65	U	0.31	2.65	5.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.65	U	0.39	2.65	5.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.65	U	0.43	2.65	5.3	ug/Kg
104-51-8	n-Butylbenzene	2.65	U	0.48	2.65	5.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.65	U	0.65	2.65	5.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.65	U	0.92	2.65	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.65	U	0.74	2.65	5.3	ug/Kg
87-68-3	Hexachlorobutadiene	2.65	U	0.83	2.65	5.3	ug/Kg
91-20-3	Naphthalene	2.65	U	0.47	2.65	5.3	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.65	U	0.53	2.65	5.3	ug/Kg
74-88-4	Methyl Iodide	5.3	U	5.3	5.3	5.3	ug/Kg
107-05-1	Allyl chloride	5.3	U	5.3	5.3	5.3	ug/Kg
126-98-7	Methacrylonitrile	5.3	U	5.3	5.3	5.3	ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	5.3	U	5.3	5.3	5.3	ug/Kg
97-63-2	Ethyl methacrylate	5.3	U	5.3	5.3	5.3	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.1		56 - 120		82%	SPK: 50
1868-53-7	Dibromofluoromethane	41.5		57 - 135		83%	SPK: 50
2037-26-5	Toluene-d8	43.8		67 - 123		88%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3		33 - 141		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	165021	4.34				
540-36-3	1,4-Difluorobenzene	241247	5.09				
3114-55-4	Chlorobenzene-d5	204068	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	88225	12.21				

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC003(B)	SDG No.:	D4857
Lab Sample ID:	D4857-06	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036052.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(CA)	SDG No.:	D4857
Lab Sample ID:	D4857-07	Matrix:	SOIL
		% Solid:	95

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity (as pH)	4.8		1	0	0	0	pH	11/19/12	11/19/12	SW9045C
Ignitability	NO		1	0	0	0	o C	11/19/12	11/19/12	1030
Reactive Cyanide	0.053	U	1	0.053	0.053	0.053	mg/Kg	11/09/12	11/19/12	9012B
Reactive Sulfide	10	U	1	10	10	10	mg/Kg	11/19/12	11/19/12	9034

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(CA)	SDG No.:	D4857
Lab Sample ID:	D4857-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	95

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	2900		1	0.37	1.1	2.2	mg/Kg	11/19/12	11/21/12	SW6010B
7440-36-0	Antimony	0.55	UN	1	0.25	0.55	1.1	mg/Kg	11/19/12	11/21/12	SW6010B
7440-38-2	Arsenic	0.79		1	0.15	0.22	0.44	mg/Kg	11/19/12	11/21/12	SW6010B
7440-39-3	Barium	4.85	N	1	0.18	1.1	2.2	mg/Kg	11/19/12	11/21/12	SW6010B
7440-41-7	Beryllium	0.065	U	1	0.03	0.065	0.13	mg/Kg	11/19/12	11/21/12	SW6010B
7440-43-9	Cadmium	0.03	J	1	0.03	0.065	0.13	mg/Kg	11/19/12	11/21/12	SW6010B
7440-70-2	Calcium	323	*	1	0.47	22	44	mg/Kg	11/19/12	11/21/12	SW6010B
7440-47-3	Chromium	4.71	N*	1	0.06	0.11	0.22	mg/Kg	11/19/12	11/21/12	SW6010B
7440-48-4	Cobalt	0.47	J	1	0.25	0.33	0.66	mg/Kg	11/19/12	11/21/12	SW6010B
7440-50-8	Copper	8.34		1	0.14	0.22	0.44	mg/Kg	11/19/12	11/21/12	SW6010B
7439-89-6	Iron	3120	*	1	0.59	1.1	2.2	mg/Kg	11/19/12	11/21/12	SW6010B
7439-92-1	Lead	7.86		1	0.05	0.13	0.26	mg/Kg	11/19/12	11/21/12	SW6010B
7439-95-4	Magnesium	174	*	1	2.02	22	44	mg/Kg	11/19/12	11/21/12	SW6010B
7439-96-5	Manganese	22.5	N*	1	0.08	0.22	0.44	mg/Kg	11/19/12	11/21/12	SW6010B
7439-97-6	Mercury	0.009	J	1	0.002	0.005	0.01	mg/Kg	11/16/12	11/19/12	SW7471A
7440-02-0	Nickel	2.58	*	1	0.2	0.44	0.88	mg/Kg	11/19/12	11/21/12	SW6010B
7440-09-7	Potassium	46.4		1	1.54	22	44	mg/Kg	11/19/12	11/21/12	SW6010B
7782-49-2	Selenium	0.22	U	1	0.18	0.22	0.44	mg/Kg	11/19/12	11/21/12	SW6010B
7440-22-4	Silver	0.15	J*	1	0.07	0.11	0.22	mg/Kg	11/19/12	11/21/12	SW6010B
7440-23-5	Sodium	16.2	JN*	1	1.11	22	44	mg/Kg	11/19/12	11/21/12	SW6010B
7440-28-0	Thallium	0.44	U	1	0.12	0.44	0.88	mg/Kg	11/19/12	11/21/12	SW6010B
7440-62-2	Vanadium	5.57		1	0.26	0.44	0.88	mg/Kg	11/19/12	11/21/12	SW6010B
7440-66-6	Zinc	27.6		1	0.31	0.44	0.88	mg/Kg	11/19/12	11/21/12	SW6010B

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(CA)	SDG No.:	D4857
Lab Sample ID:	D4857-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	5 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	1
GPC Factor :	1.0 PH : N/A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO005463.D	10000	11/19/12	11/23/12	PB66939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	90000	U	36000	90000	180000	ug/Kg
11104-28-2	Aroclor-1221	90000	U	36000	90000	180000	ug/Kg
11141-16-5	Aroclor-1232	90000	U	78000	90000	180000	ug/Kg
53469-21-9	Aroclor-1242	90000	U	36000	90000	180000	ug/Kg
12672-29-6	Aroclor-1248	90000	U	69000	90000	180000	ug/Kg
11097-69-1	Aroclor-1254	3800000	E	16000	90000	180000	ug/Kg
11096-82-5	Aroclor-1260	90000	U	43000	90000	180000	ug/Kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	83800	*	10 - 166		419000%	SPK: 20
2051-24-3	Decachlorobiphenyl	1373900	*	60 - 125		6869500%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(CA)	SDG No.:	D4857
Lab Sample ID:	D4857-07	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079951.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	175	U	18	175	350	ug/Kg
110-86-1	Pyridine	175	U	69.5	175	350	ug/Kg
100-52-7	Benzaldehyde	175	U	18.3	175	350	ug/Kg
62-53-3	Aniline	175	U	29.9	175	350	ug/Kg
108-95-2	Phenol	175	U	8.1	175	350	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	175	U	16.8	175	350	ug/Kg
95-57-8	2-Chlorophenol	175	U	18.5	175	350	ug/Kg
95-50-1	1,2-Dichlorobenzene	175	U	13.4	175	350	ug/Kg
541-73-1	1,3-Dichlorobenzene	175	U	6.2	175	350	ug/Kg
106-46-7	1,4-Dichlorobenzene	175	U	12	175	350	ug/Kg
100-51-6	Benzyl Alcohol	175	U	13.2	175	350	ug/Kg
95-48-7	2-Methylphenol	175	U	19.1	175	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	175	U	14.5	175	350	ug/Kg
98-86-2	Acetophenone	175	U	10.7	175	350	ug/Kg
65794-96-9	3+4-Methylphenols	175	U	18.2	175	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	175	U	17.7	175	350	ug/Kg
67-72-1	Hexachloroethane	175	U	15.7	175	350	ug/Kg
98-95-3	Nitrobenzene	175	U	13.3	175	350	ug/Kg
78-59-1	Isophorone	175	U	11.6	175	350	ug/Kg
88-75-5	2-Nitrophenol	175	U	16.9	175	350	ug/Kg
105-67-9	2,4-Dimethylphenol	175	U	19.9	175	350	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	175	U	20.2	175	350	ug/Kg
120-83-2	2,4-Dichlorophenol	175	U	13.4	175	350	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	175	U	13.4	175	350	ug/Kg
65-85-0	Benzoic acid	420	U	69.5	420	840	ug/Kg
91-20-3	Naphthalene	175	U	12.1	175	350	ug/Kg
106-47-8	4-Chloroaniline	175	U	24.7	175	350	ug/Kg
87-68-3	Hexachlorobutadiene	175	U	12.7	175	350	ug/Kg
105-60-2	Caprolactam	175	U	16.3	175	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	175	U	15.6	175	350	ug/Kg
91-57-6	2-Methylnaphthalene	175	U	8.8	175	350	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(CA)	SDG No.:	D4857
Lab Sample ID:	D4857-07	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079951.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	175	U	8.5	175	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	175	U	10.7	175	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	175	U	24.6	175	350	ug/Kg
92-52-4	1,1-Biphenyl	175	U	13.3	175	350	ug/Kg
91-58-7	2-Chloronaphthalene	175	U	8	175	350	ug/Kg
88-74-4	2-Nitroaniline	175	U	15.6	175	350	ug/Kg
131-11-3	Dimethylphthalate	560		9.5	175	350	ug/Kg
208-96-8	Acenaphthylene	175	U	8.8	175	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	175	U	14.3	175	350	ug/Kg
99-09-2	3-Nitroaniline	175	U	22.5	175	350	ug/Kg
83-32-9	Acenaphthene	175	U	9.9	175	350	ug/Kg
51-28-5	2,4-Dinitrophenol	175	U	35.7	175	350	ug/Kg
100-02-7	4-Nitrophenol	175	U	65.2	175	350	ug/Kg
132-64-9	Dibenzofuran	175	U	13.7	175	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	175	U	10.6	175	350	ug/Kg
84-66-2	Diethylphthalate	175	U	5.5	175	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	175	U	19.1	175	350	ug/Kg
86-73-7	Fluorene	175	U	13.3	175	350	ug/Kg
100-01-6	4-Nitroaniline	175	U	45.7	175	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	175	U	20.1	175	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	175	U	8.4	175	350	ug/Kg
103-33-3	Azobenzene	175	U	8.2	175	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	175	U	6.8	175	350	ug/Kg
118-74-1	Hexachlorobenzene	175	U	14.3	175	350	ug/Kg
1912-24-9	Atrazine	175	U	18.5	175	350	ug/Kg
87-86-5	Pentachlorophenol	175	U	24	175	350	ug/Kg
85-01-8	Phenanthrene	175	U	9.5	175	350	ug/Kg
120-12-7	Anthracene	175	U	7.2	175	350	ug/Kg
86-74-8	Carbazole	175	U	7.7	175	350	ug/Kg
84-74-2	Di-n-butylphthalate	175	U	27.6	175	350	ug/Kg
206-44-0	Fluoranthene	175	U	7.1	175	350	ug/Kg
92-87-5	Benzidine	175	U	35.3	175	350	ug/Kg
129-00-0	Pyrene	175	U	8.4	175	350	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(CA)	SDG No.:	D4857
Lab Sample ID:	D4857-07	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079951.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	175	U	16.8	175	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	175	U	22.5	175	350	ug/Kg
56-55-3	Benzo(a)anthracene	175	U	16.7	175	350	ug/Kg
218-01-9	Chrysene	175	U	15.9	175	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	175	U	12.4	175	350	ug/Kg
117-84-0	Di-n-octyl phthalate	175	U	4	175	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	175	U	11.5	175	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	175	U	16.5	175	350	ug/Kg
50-32-8	Benzo(a)pyrene	175	U	7.6	175	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	175	U	11.7	175	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	175	U	10.1	175	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	175	U	14.2	175	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	175	U	13.8	175	350	ug/Kg
123-91-1	1,4-Dioxane	175	U	13.8	175	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	175	U	13.8	175	350	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		83%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	90		31 - 132		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	92		39 - 123		92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		78%	SPK: 150
1718-51-0	Terphenyl-d14	96		37 - 115		96%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84395	8.2				
1146-65-2	Naphthalene-d8	309316	10.37				
15067-26-2	Acenaphthene-d10	167317	13.32				
1517-22-2	Phenanthrene-d10	287472	15.77				
1719-03-5	Chrysene-d12	281240	20.11				
1520-96-3	Perylene-d12	246902	23.33				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1800	A			5.43	ug/Kg
	unknown7.81	3600	J			7.81	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(CA)	SDG No.:	D4857
Lab Sample ID:	D4857-07	Matrix:	SOIL
Analytical Method:	SW8270D	% Moisture:	5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-Chemtech Full -25
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE079951.D	1	11/19/12	11/22/12	PB66941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
032598-13-3	1,1-Biphenyl, 3,3,4,4-tetrachlo	8300	J			16.79	ug/Kg
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	1700	J			16.85	ug/Kg
041464-41-9	1,1-Biphenyl, 2,2,5,6-Tetrachlor	3500	J			17.07	ug/Kg
052663-58-8	1,1-Biphenyl, 2,3,4,6-tetrachlor	1300	J			17.56	ug/Kg
041464-42-0	1,1-Biphenyl, 2,3,5,5-tetrachlo	5700	J			17.61	ug/Kg
038380-01-7	1,1-Biphenyl, 2,2,4,4,5-pentach	12300	J			17.65	ug/Kg
041464-51-1	1,1-Biphenyl, 2,2,3,4,5-Pentach	1600	J			17.72	ug/Kg
038380-03-9	1,1-Biphenyl, 2,3,3,4,6-pentach	3500	J			17.86	ug/Kg
032598-14-4	1,1-Biphenyl, 2,3,3,4,4-pentach	4100	J			18	ug/Kg
039485-83-1	1,1-Biphenyl, 2,2,4,4,6-Pentach	3500	J			18.21	ug/Kg
	unknown18.29	6000	J			18.29	ug/Kg
029887-33-0	(2,3,4,5-Tetrachloro-2,4-cyclopent	2400	J			18.56	ug/Kg
052712-04-6	1,1-Biphenyl, 2,2,3,4,5,5-hexac	5900	J			18.7	ug/Kg
070424-70-3	1,1-Biphenyl, 2,3,4,5,5-Pentach	10200	J			18.76	ug/Kg
052663-72-6	1,1-Biphenyl, 2,3,4,4,5,5-hexa	6000	J			19.02	ug/Kg
038380-07-3	1,1-Biphenyl, 2,2,3,3,4,4-hexa	3700	J			19.06	ug/Kg
052663-61-3	1,1-Biphenyl, 2,2,3,5,5-pentach	3800	J			19.09	ug/Kg
038380-08-4	1,1-Biphenyl, 2,3,3,4,4,5-hexac	1700	J			19.18	ug/Kg
032774-16-6	1,1-Biphenyl, 3,3,4,4,5,5-hexa	10900	J			19.37	ug/Kg
	unknown19.71	2600	J			19.71	ug/Kg
035065-28-2	1,1-Biphenyl, 2,2,3,4,4,5-hexa	1300	J			20	ug/Kg
016840-84-9	10-Nonadecanol	1600	J			24.84	ug/Kg

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Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(B)	SDG No.:	D4857
Lab Sample ID:	D4857-08	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036053.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	2.65	U	0.68	2.65	5.3	ug/Kg
74-87-3	Chloromethane	2.65	U	0.91	2.65	5.3	ug/Kg
75-01-4	Vinyl Chloride	2.65	U	1.3	2.65	5.3	ug/Kg
141-78-6	Ethyl Acetate	2.65	U	0.92	2.65	5.3	ug/Kg
108-21-4	Isopropyl Acetate	2.65	U	1.3	2.65	5.3	ug/Kg
628-63-7	N-amyl acetate	2.65	U	0.99	2.65	5.3	ug/Kg
74-83-9	Bromomethane	2.65	U	2.6	2.65	5.3	ug/Kg
75-00-3	Chloroethane	2.65	U	1.5	2.65	5.3	ug/Kg
75-69-4	Trichlorofluoromethane	2.65	U	1.4	2.65	5.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.65	U	1.4	2.65	5.3	ug/Kg
75-65-0	Tert butyl alcohol	13	U	7.8	13	26	ug/Kg
60-29-7	Diethyl Ether	2.65	U	2	2.65	5.3	ug/Kg
75-35-4	1,1-Dichloroethene	2.65	U	1.5	2.65	5.3	ug/Kg
107-02-8	Acrolein	13	U	4.2	13	26	ug/Kg
107-13-1	Acrylonitrile	13	U	5.2	13	26	ug/Kg
67-64-1	Acetone	23	J	3.2	13	26	ug/Kg
75-15-0	Carbon Disulfide	2.65	U	1.1	2.65	5.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.65	U	1	2.65	5.3	ug/Kg
79-20-9	Methyl Acetate	2.65	U	1.6	2.65	5.3	ug/Kg
75-09-2	Methylene Chloride	3.4	J	1.5	2.65	5.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.65	U	0.73	2.65	5.3	ug/Kg
108-05-4	Vinyl Acetate	13	U	3.7	13	26	ug/Kg
75-34-3	1,1-Dichloroethane	2.65	U	0.99	2.65	5.3	ug/Kg
110-82-7	Cyclohexane	2.65	U	1.1	2.65	5.3	ug/Kg
78-93-3	2-Butanone	13	U	3.3	13	26	ug/Kg
56-23-5	Carbon Tetrachloride	2.65	U	1	2.65	5.3	ug/Kg
594-20-7	2,2-Dichloropropane	2.65	U	1.1	2.65	5.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.65	U	0.94	2.65	5.3	ug/Kg
74-97-5	Bromochloromethane	2.65	U	0.83	2.65	5.3	ug/Kg
67-66-3	Chloroform	2.65	U	0.78	2.65	5.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.65	U	0.93	2.65	5.3	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(B)	SDG No.:	D4857
Lab Sample ID:	D4857-08	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036053.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
108-87-2	Methylcyclohexane	2.65	U	1.1	2.65	5.3	ug/Kg
563-58-6	1,1-Dichloropropene	2.65	U	0.48	2.65	5.3	ug/Kg
71-43-2	Benzene	2.65	U	0.4	2.65	5.3	ug/Kg
107-06-2	1,2-Dichloroethane	2.65	U	0.67	2.65	5.3	ug/Kg
79-01-6	Trichloroethene	2.65	U	0.91	2.65	5.3	ug/Kg
78-87-5	1,2-Dichloropropane	2.65	U	0.27	2.65	5.3	ug/Kg
74-95-3	Dibromomethane	2.65	U	0.82	2.65	5.3	ug/Kg
75-27-4	Bromodichloromethane	2.65	U	0.65	2.65	5.3	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13	U	3.1	13	26	ug/Kg
108-88-3	Toluene	2.65	U	0.67	2.65	5.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.65	U	0.83	2.65	5.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.65	U	0.76	2.65	5.3	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.65	U	0.95	2.65	5.3	ug/Kg
142-28-9	1,3-Dichloropropane	2.65	U	0.78	2.65	5.3	ug/Kg
110-75-8	2-Chloroethyl Vinyl ether	13	U	12	13	26	ug/Kg
591-78-6	2-Hexanone	13	U	4.1	13	26	ug/Kg
124-48-1	Dibromochloromethane	2.65	U	0.57	2.65	5.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.65	U	0.67	2.65	5.3	ug/Kg
127-18-4	Tetrachloroethene	2.65	U	1.1	2.65	5.3	ug/Kg
108-90-7	Chlorobenzene	2.65	U	0.53	2.65	5.3	ug/Kg
630-20-6	1,1,1,2-Tetrachloroethane	2.65	U	0.45	2.65	5.3	ug/Kg
67-72-1	Hexachloroethane	2.65	U	0.8	2.65	5.3	ug/Kg
100-41-4	Ethyl Benzene	2.65	U	0.65	2.65	5.3	ug/Kg
179601-23-1	m/p-Xylenes	5.5	U	0.76	5.5	11	ug/Kg
95-47-6	o-Xylene	2.65	U	0.72	2.65	5.3	ug/Kg
100-42-5	Styrene	2.65	U	0.47	2.65	5.3	ug/Kg
75-25-2	Bromoform	2.65	U	0.78	2.65	5.3	ug/Kg
98-82-8	Isopropylbenzene	2.65	U	0.51	2.65	5.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.65	U	0.48	2.65	5.3	ug/Kg
96-18-4	1,2,3-Trichloropropane	2.65	U	0.52	2.65	5.3	ug/Kg
108-86-1	Bromobenzene	2.65	U	0.55	2.65	5.3	ug/Kg
103-65-1	n-propylbenzene	2.65	U	0.38	2.65	5.3	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(B)	SDG No.:	D4857
Lab Sample ID:	D4857-08	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036053.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
95-49-8	2-Chlorotoluene	2.65	U	0.78	2.65	5.3	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2.65	U	0.47	2.65	5.3	ug/Kg
106-43-4	4-Chlorotoluene	2.65	U	0.65	2.65	5.3	ug/Kg
98-06-6	tert-Butylbenzene	2.65	U	0.62	2.65	5.3	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.65	U	0.53	2.65	5.3	ug/Kg
135-98-8	sec-Butylbenzene	2.65	U	0.55	2.65	5.3	ug/Kg
99-87-6	p-Isopropyltoluene	2.65	U	0.31	2.65	5.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.65	U	0.39	2.65	5.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.65	U	0.43	2.65	5.3	ug/Kg
104-51-8	n-Butylbenzene	2.65	U	0.48	2.65	5.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.65	U	0.65	2.65	5.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.65	U	0.92	2.65	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.65	U	0.74	2.65	5.3	ug/Kg
87-68-3	Hexachlorobutadiene	2.65	U	0.83	2.65	5.3	ug/Kg
91-20-3	Naphthalene	2.65	U	0.47	2.65	5.3	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.65	U	0.53	2.65	5.3	ug/Kg
74-88-4	Methyl Iodide	5.3	U	5.3	5.3	5.3	ug/Kg
107-05-1	Allyl chloride	5.3	U	5.3	5.3	5.3	ug/Kg
126-98-7	Methacrylonitrile	5.3	U	5.3	5.3	5.3	ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	5.3	U	5.3	5.3	5.3	ug/Kg
97-63-2	Ethyl methacrylate	5.3	U	5.3	5.3	5.3	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.6		56 - 120		87%	SPK: 50
1868-53-7	Dibromofluoromethane	44.9		57 - 135		90%	SPK: 50
2037-26-5	Toluene-d8	43.1		67 - 123		86%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.3		33 - 141		83%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	154185	4.35				
540-36-3	1,4-Difluorobenzene	227048	5.09				
3114-55-4	Chlorobenzene-d5	191783	9.29				
3855-82-1	1,4-Dichlorobenzene-d4	73094	12.22				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	P.W. Grosser Consulting	Date Collected:	11/15/12
Project:	Canine Kennel	Date Received:	11/16/12
Client Sample ID:	WC004(B)	SDG No.:	D4857
Lab Sample ID:	D4857-08	Matrix:	SOIL
Analytical Method:	SW8260C	% Moisture:	5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF036053.D	1		11/19/12	VF111912

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

APPENDIX G
WASTE MANIFESTS

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

198436

Color Mode

Receipt # | Trailer License Plate # and State

Service Req # | Profile # | Permit #

Transporter Name | Tractor/Trailer/Roll-off #

Driver's Name | Generator

Scheduled Arrival: Date | Time

Actual Arrival: Date | Time In | Time Out

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

Receiving: Initials | Comments

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

☐ Other (specify)

☐ Bulk to Landfill ☐ Ro and Ero ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory: Time In | Time Out | Initials | Comments

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

Landfill: Time In | Time Out | Initials | Comments

Other: Time In | Time Out | Initials | Comments

Aqueous Treatment: Time In | Time Out | Signature (or) Initials | Comments

Facility Personnel (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or datagle

Unsafe driving practices

Overweight upon arrival

Other (specify)

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

Driver's Comments

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR000197590

2. Page 1 of: 1

3. Emergency Response Phone: 516-616-4750

4. Manifest Tracking Number: 009181540 JJK

5. Generator's Name and Mailing Address:
Former Casino Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

Generator's Phone: 361-584-5303

6. Transporter 1 Company Name: Horwith Trucks, Inc.

U.S. EPA ID Number: PAD146714879

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

U.S. EPA ID Number: NYD049836679

Facility's Phone: 716-286-0451

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	6,500 / 26,160	K	B007			L
	2.								
	3.								
	4.								

14. Special Handling Instructions and Additional Information:
(9b.1)NY304086
SR06668780-1

OUT OF SERVICE DATE 11/23/12

81660269
rec d 26091 K

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

Generator's/Offeror's Printed/Typed Name: K Rubino agent for SCDHS | Signature: K Rubino agent for SCDHS | Month Day Year: 12 25 13

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James T. Mulqueen | Signature: [signature] | Month Day Year: 12 25 13

Transporter 2 Printed/Typed Name: | Signature: | Month Day Year:

18. Discrepancy

18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Qty est actual Recd 26091K

Manifest Reference Number:

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

Facility's Phone:

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

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

1. H132 | 2. | 3. | 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinsk | Signature: Jody Parfinsk | Month Day Year: 12 26 13

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

GENERATOR | TRANSPORTER | INT'L | DESIGNATED FACILITY

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

198435

Cubic Yards

Receipt #

Trailer License Plate # and State

Service Req. # Profile # Packet #

Transporter Name Tractor/Trailer/Roll-off #

Driver's Name Generator

Scheduled Arrival: Date Time

Actual Arrival: Date Time In Time Out

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

Receiving Initials Comments

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

☐ Other (specify)

☐ Bulk to Landfill ☐ No-wet Box ☐ Palleted ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In Time Out Initials Comments

Stabilization

Time In Time Out Initials Bowl #s Comments

Landfill

Time In Time Out Initials Comments

Other

Time In Time Out Initials Comments

Aqueous Treatment

Time In Time Out Signature (OR initials) Comments

Facility Personnel (please circle)

_____ Speeding or waiting in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify)

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper tarping or dumping

_____ Overweight upon arrival

Security Guard Initials: _____
(Indicating receipt of Trash Bag pass, if necessary)

Driver's Comments:

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000197059	1	516-516-4789	009181541 JJK

5. Generator's Name and Mailing Address
Former Coated Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

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

Generator's Phone: 631-589-8302

6. Transporter 1 Company Name
Horwith Trucks, Inc.
U.S. EPA ID Number: PAD146714878

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

8. Designated Facility Name and Site Address
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107
U.S. EPA ID Number: NYD049836679

Facility's Phone: 716-286-0401

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	21,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b.1) NY304088
SR8068780-2
81660266
out of service date 11/23/12 recd 2009 K

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

Generator's/Offeror's Printed/Typed Name: K Rubino, agent for SCDHS
Signature: K Rubino, agent for SCDHS
Month Day Year: 2 25 13

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert Tiler
Signature: [signature]
Month Day Year: 2 25 13
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

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

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

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski
Signature: Jody Parfinski
Month Day Year: 2 26 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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

198430

Date/ Time

Receipt #

Trailer License Plate # and State

Service Req. # Profile # Permit #

Transporter Name

Tractor/Trailer/Roll-off #

Driver's Name

Generator

Scheduled Arrival: Date Time

Actual Arrival: Date Time In Time Out

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

Receiving Initials Comments

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

☐ Other (specify)

☐ Bulk to Landfill ☐ No wait time ☐ Parkland ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In Time Out Initials Comments

Stabilization

Time In Time Out Initials Drum # Comments

Landfill

Time In Time Out Initials Comments

Other

Time In Time Out Initials Comments

Aqueous Treatment

Time In Time Out Signature (full) Initials Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify)

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper tarping or dunnage

_____ Overweight upon arrival

Security Guard Initials _____
(Indicating receipt at Main Site gate, if necessary)

Driver's Comments

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR000107938 [illegible]
2. Page 1 of: 1
3. Emergency Response Phone: 516-818-4766 [illegible]
4. Manifest Tracking Number: 009181542 JJK

5. Generator's Name and Mailing Address:
Former Canine Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

Generator's Phone: 341-580-8950 [illegible]

6. Transporter 1 Company Name: Hornith Trucks, Inc. [illegible] — U.S. EPA ID Number: PAD146714678 [illegible]

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

8. Designated Facility Name and Site Address:
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

U.S. EPA ID Number: NYD049836679 [illegible]

Facility's Phone: 716-286-0451

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	21,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
9b. 1) NY304088
ERG#008730-3 [illegible]
Out of service 11-28-12
8166026?
rcd 21410K

15. GENERATOR'S/OFFEROR'S CERTIFICATION: [illegible]

Generator's/Offeror's Printed/Typed Name: K Rubino Agent for SCDHS
Signature: K Rubino Agent for SCDHS
Month/Day/Year: 2 | 25 | 13

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert Marsh
Signature: [signature]
Month/Day/Year: 2 | 25 | 13

Transporter 2 Printed/Typed Name:
Signature:

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

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

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Partinsk
Signature: Jody Partinsk
Month/Day/Year: 12 | 26 | 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.
DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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

198431

Cubic Yards: 50

Receipt #: [illegible] Trailer License Plate # and State: [illegible]

Service Req. #: [illegible] Profile #: [illegible] Permit #: [illegible]

Transporter Name: [illegible] Tractor/Trailer/Roll-off #: [illegible]

Driver's Name: [illegible] Generator: [illegible]

Scheduled Arrival: ______ Date ______ Time ______

Actual Arrival: ______ Date ______ Time In ______ Time Out ______

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

Receiving: ______ Initials ______ Comments ______

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

☐ Other (specify) ______

☐ Bulk to Landfill ☐ Air-and-fuel ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory: Time In ______ Time Out ______ Initials ______ Comments ______

Stabilization: Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments ______

Landfill: Time In ______ Time Out ______ Initials ______ Comments ______

Other: Time In ______ Time Out ______ Initials ______ Comments ______

Aqueous Treatment: Time In ______ Time Out ______ Signature (90 Initials) ______ Comments ______

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas
______ Failure to obey instructions of facility personnel
______ Failure to wear appropriate PPE
______ Unsafe driving practices
______ Other (specify) ______

______ Leaving truck unattended
______ Failure to display overweight flag
______ Improper tarping or datasym
______ Overweight upon arrival

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

Driver's Comments:

UNIFORM HAZARDOUS WASTE MANIFEST

Generator ID Number	NYR000187800
Page 1 of	1
Emergency Response Phone	516-816-4788
Manifest Tracking Number	009181543 JJK

GENERATOR

Former Canine Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

Generator's Phone: 201-588-5082

Transporter 1 Company Name: Horwith Trucks, Inc. — U.S. EPA ID Number: PAD148714878

Designated Facility Name and Site Address:
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

Facility's Phone: 716-286-0451 — U.S. EPA ID Number: NYD049836679

HM	U.S. DOT Description	Containers No.	Type	Total Quantity	Unit Wt./Vol.	Waste Codes		
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	est. 21,000	K	B007		L
	2.							
	3.							
	4.							

Special Handling Instructions and Additional Information:
8166026B
IR 1(NY304008)
SR#0007/80-4
11-23-12
OUT OF Service ~~[illegible]~~ rcd 21310k

Generator's/Offeror's Printed/Typed Name: K Rubino agent for SCDHS — Signature: K Rubino agent for SCDHS — 12 | 23 | 13

TRANSPORTER

Transporter 1 Printed/Typed Name: Michael Sherer — Signature: Michael Sherer — 12 | 23 | 13

DESIGNATED FACILITY

Hazardous Waste Report Management Method Codes: 1. H132

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — 12 | 26 | 13

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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

198433

Receipt # ______ Trailer License Plate # and State ______

Service Req. # ______ Profile # ______ Permit # ______

Transporter Name ______ Tractor/Trailer/Roll-off # ______

Driver's Name ______ Generator ______

Scheduled Arrival: ______ Date ______ Time ______

Actual Arrival: ______ Date ______ Time In ______ Time Out ______

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

Receiving: ______ Initials ______ Comments ______

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

☐ Other (specify) ______

☐ Bulk to Landfill ☐ ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In ______ Time Out ______ Initials ______ Comments ______

Stabilization
Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments ______

Landfill
Time In ______ Time Out ______ Initials ______ Comments ______

Other
Time In ______ Time Out ______ Initials ______ Comments ______

Aqueous Treatment
Time In ______ Time Out ______ Signature (SO Initials) ______ Comments ______

Facility Personnel (please initial)

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

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

Driver's Comments

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000107908	1	818-815-4799	009181544 JJK

5. Generator's Name and Mailing Address
Former Canine Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

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

Generator's Phone: 381-588-6383

6. Transporter 1 Company Name: Horwith Trucks, Inc. — U.S. EPA ID Number: PAD146714879

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

8. Designated Facility Name and Site Address
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

Facility's Phone: 716-286-0481 — U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	450 22,000	K	B007		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
9b.1)NY304068
ERN000780-5
out of service date 10/23/12

81660264
rec'd 211295

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

Generator's/Offeror's Printed/Typed Name: K Rubino KRUCSO Agent of SCDHS — Signature: KRubino agent of SCDHS — Month 2 Day 25 Year 13

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert Pazamore — Signature: [signature] — Month 02 Day 25 Year 13
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

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

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

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

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinsk. — Signature: Jody Parfinsk — Month 2 Day 26 Year 13

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

198437

Copy Yards: ______

Receipt #: ______ Truck License Plate # and State: ______

Service Req. #: ______ Profile #: ______ Permit #: ______

Transporter Name: ______ Truck/Trailer/Roll-off #: ______

Driver's Name: ______ Generator: ______

Scheduled Arrival: ______ Date ______ Time ______

Actual Arrival: ______ Date ______ Time In ______ Time Out ______

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

Receiving: ______ Initials ______ Comments ______

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

☐ Other (specify) ______

☐ Bulk to Landfill ☐ Air lock box ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory: Time In ______ Time Out ______ Initials ______ Comments ______

Stabilization: Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments ______

Landfill: Time In ______ Time Out ______ Initials ______ Comments ______

Other: Time In ______ Time Out ______ Initials ______ Comments ______

Aqueous Treatment: Time In ______ Time Out ______ Signature (RO Initials) ______ Comments ______

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas

______ Failure to obey instructions of facility personnel

______ Failure to wear appropriate PPE

______ Avoid driving practices

______ Other (specify) ______

______ Leaving truck unattended

______ Failure to display overweight flag

______ Improper tarping at defender

______ Overweight upon arrival

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

Driver's Comments: ______

White: Security Green & Canary: Acctg Etc. Pink: Environmental Goldenrod: Driver

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	NYR000107030
2. Page 1 of	1
3. Emergency Response Phone	518-816-4789
4. Manifest Tracking Number	009181545 JJK

5. Generator's Name and Mailing Address:
Former Carbon Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

Generator's Phone: 361-588-6362

6. Transporter 1 Company Name: Horwith Trucks, Inc. — U.S. EPA ID Number: PAD146714878

7. Transporter 2 Company Name:

8. Designated Facility Name and Site Address:
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

Facility's Phone: 716-286-0461 — U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	est. 21,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
9b.1) NY304068
SR[illegible]
out of service date 11/23/12

81660268
rec'd 19468K

15. GENERATOR'S/OFFEROR'S CERTIFICATION: [illegible]

Generator's/Offeror's Printed/Typed Name: Kristen Rubano agent for SCDHS — Signature: K Rubano agent for SCDHS — 2 | 25 | 13

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S.

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: GLENN HAWK — Signature: [signature] — 2 | 25 | 13
Transporter 2 Printed/Typed Name: — Signature:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes:

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinsk — Signature: Jody Parfinsk — 2 | 26 | 13

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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

198462

Color Note: ______

Receipt #: ______ Trailer License Plate # and State: ______

Service Req. #: ______ Profile #: ______ Permit #: ______

Transporter Name: ______ Tractor/Trailer/Roll-off #: ______

Driver's Name: ______ Generator: ______

Scheduled Arrival: Date ______ Time ______

Actual Arrival: Date ______ Time In ______ Time Out ______

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

Receiving: Initials ______ Comments ______

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

☐ Other (specify) ______

☐ Bulk to Landfill ☐ Roll-off Box ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory: Time In ______ Time Out ______ Initials ______ Comments ______

Stabilization: Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments ______

Landfill: Time In ______ Time Out ______ Initials ______ Comments ______

Other: Time In ______ Time Out ______ Initials ______ Comments ______

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

Facility Personnel (please initial)

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

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

Driver's Comments

White: Records   Green & Canary: Acct Rec.   Pink: Environmental   Goldenrod: Driver

UNIFORM HAZARDOUS WASTE MANIFEST

Generator ID Number	Page 1 of	Emergency Response Phone	Manifest Tracking Number
NYR000107508	1	516-616-4700	009181546 JJK

Generator's Name and Mailing Address:
Former Canine Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

Generator's Phone: [illegible]

Transporter 1 Company Name: Horwith Trucks, Inc. — U.S. EPA ID Number: PAD146714679

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

Designated Facility Name and Site Address:
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

U.S. EPA ID Number: NYD049836679

Facility's Phone: 716-286-0401

HM	U.S. DOT Description	Containers No.	Type	Total Quantity	Unit Wt./Vol.	Waste Codes
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	20000	K	B007 L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
BL 1) NY304088
SN8602781-1
out of service date 11/22/12
81660297
rec'd 20757K

15. GENERATOR'S/OFFEROR'S CERTIFICATION: [illegible]

Generator's/Offeror's Printed/Typed Name: K Rubino Agent For SCDHS — Signature: K Rubino agent for SCDHS — 12/26/13

Transporter 1 Printed/Typed Name: Bill Gessner — Signature: Bill Gessner — 12/26/13

H132

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — 12/27/13

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

198464

Cube Yards

Receipt #

Trailer License Plate # and State

Service Req. # Profile # Permit #

Transporter Name

Tractor/Trailer/Roll-off #

Driver's Name

Destination

Scheduled Arrival: Date Time

Actual Arrival: Date Time In Time Out

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

Receiving: Initials Comments

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

☐ Other (specify)

☐ Rule to Landfill ☐ Re-test time ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In Time Out Initials Comments

Stabilization

Time In Time Out Initials Gross Wt. Comments

Landfill

Time In Time Out Initials Comments

Other

Time In Time Out Initials Comments

Aqueous Treatment

Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

_____ Speeding or exiting in prohibited areas

_____ Leaving truck unattended

_____ Failure to obey instructions of facility personnel

_____ Failure to display overweight flag

_____ Failure to wear appropriate PPE

_____ Improper merging or stopping

_____ Unsafe driving practices

_____ Overweight upon arrival

_____ Other (specify)

Security Guard Initials: _____
(Indicating receipt of Watch Man pass, if necessary)

Driver's Comments

White: Records Green & Canary: Accounting Pink: Environmental Goldenrod: Driver

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR000197939
2. Page 1 of: 1
3. Emergency Response Phone: 315-619-4700
4. Manifest Tracking Number: 009181547 JJK

5. Generator's Name and Mailing Address:
Former Canine Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

Generator's Phone: 631-588-6555

6. Transporter 1 Company Name: Horwith Trucks, Inc. — U.S. EPA ID Number: PAD146714879

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

8. Designated Facility Name and Site Address:
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

Facility's Phone: 716-286-0401 — U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN2432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	CT	6/5 [illegible] 31,000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
9b. 1) NY304088
SR#066781-2
OUT OF SERVICE 11/21/12
81660299
rec'd 19133K

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

Generator's/Offeror's Printed/Typed Name: K Rubino agent for SCDHS — Signature: K Rubino agent for SCDHS — Month 12 Day 20 Year 13

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jerry L Anders — Signature: [signature] — Month 12 Day 21 Year 13
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

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

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

1	2	3	4
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 12 Day 27 Year 13

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Transporter Log

CWM Chemical Services, Inc.
Model City, NY

198463

Cubic Yards

Manifest #

Trailer License Plate # and State

Service Req. # Profile # Permit #

Transporter Name Tractor/Trailer/Roll-off #

Driver's Name Generator

Scheduled Arrival: Date Time

Actual Arrival: Date Time In Time Out

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

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

☐ Other (specify) _____

Receiving: Initials Comments

☐ Bulk to Landfill ☐ No seal/ties ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In Time Out Initials Comments

Stabilization

Time In Time Out Initials Grace #/L Comments

Landfill

Time In Time Out Initials Comments

Other

Time In Time Out Initials Comments

Aqueous Treatment

Time In Time Out Signature (✓) Initials Comments

Facility Personnel (please initial)

_____ Speeding or waiting in prohibited areas

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify) _____

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper lacing or delaying

_____ Overweight upon arrival

Security Guard Initials: _____
(following receipt of Weigh Slip (see, if necessary))

Driver's Comments:

White: Records Green & Canary: Accts Rec. Pink: Environmental Goldenrod: Driver

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR000187906 | 2. Page 1 of 1 | 3. Emergency Response Phone: 516-819-4780 | 4. Manifest Tracking Number: 009181548 JJK

5. Generator's Name and Mailing Address:
Former Canine Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

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

Generator's Phone: 631-852-5800

6. Transporter 1 Company Name: Horwith Trucks, Inc. — U.S. EPA ID Number: PAD146714879

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

8. Designated Facility Name and Site Address:
CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

U.S. EPA ID Number: NYD049836679

Facility's Phone: 716-286-0401

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	EST 24,000	K	B007		L
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information:
9b. 1) NY304086 / 2R8D60781-3
PCB waste ID = soil w/PCBs OF 12/27/13
OUT OF SERVICE 11/23/12
81660298
rec'd 18470K

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

Generator's/Offeror's Printed/Typed Name: K. Rubino agent for SCDHS | Signature: K. Rubino agent for SCDHS | Month 12 Day 26 Year 13

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: ROBERT STAMETZ | Signature: [signature] | Month 12 Day 26 Year 13
Transporter 2 Printed/Typed Name: | Signature: | Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Qty est actual rec'd 18470K
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

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

1.	2.	3.	4.
H137			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski | Signature: Jody Parfinski | Month 12 Day 27 Year 13

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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

198465

Cube Yards: ______

[illegible] — Receipt #

[illegible] 7832 L PA — Trailer License Plate # and State

[illegible] — Service Req. #   Profile #   Permit #

[illegible] — Transporter Name   [illegible] 124 — Tractor/Trailer/Roll-off #

[illegible] — Driver's Name   [illegible] — Generator

Scheduled Arrival: ______ Date ______ Time

Actual Arrival: ______ Date ______ Time In ______ Time Out

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

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

☐ Other (specify) ______

Receiving:	
Initials	Comments

☐ Bulk to Landfill ☐ Roll-off Box ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory
Time In ______ Time Out ______ Initials ______ Comments ______

Stabilization
Time In ______ Time Out ______ Initials ______ Gross Wt. ______ Comments ______

Landfill
Time In ______ Time Out ______ Initials ______ Comments ______

Other
Time In ______ Time Out ______ Initials ______ Comments ______

Aqueous Treatment
Time In ______ Time Out ______ Signature (BG Initials) ______ Comments ______

Facility Personnel (please initial)

______ Smoking or eating in prohibited areas
______ Failure to obey instructions of facility personnel
______ Failure to wear appropriate PPE
______ Unsafe driving practices
______ Other (specify) ______

______ Leaving truck unattended
______ Failure to display overweight flag
______ Improper tarping or debris
______ Overweight upon arrival

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

Driver's Comments

White: Records   Green & Canary: Acct Rec.   Pink: Environmental   Goldenrod: Driver

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

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000107036	1	516-616-4760	009181549 JJK

GENERATOR

5. Generator's Name and Mailing Address

Former Centre Kennel Site
Francis S. Gabreski Airport
Westhampton Beach, NY 11978

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

Generator's Phone: 361-[illegible]

6. Transporter 1 Company Name: Horwith Trucks, Inc. — U.S. EPA ID Number: PAD146714878

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

8. Designated Facility Name and Site Address

CWM Chemical Services LLC
1550 Balmer Road
Model City, NY 14107

U.S. EPA ID Number: NYD049836679

Facility's Phone: 716-286-0401

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3432, Polychlorinated Biphenyls, Solid 9, PGII, (B007)(PCBs greater than 500 ppm) ERG#171	01	DT	~~[illegible]~~ 2,000	K	B007		L
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

9b.1) NY304068
ER#[illegible]-4

OUT OF SERVICE 11/27/12

8/660300

rec'd 18080K

15. GENERATOR'S/OFFEROR'S CERTIFICATION: [illegible]

Generator's/Offeror's Printed/Typed Name: K. Rubino Agent for SCDHS — Signature: K. Rubino Agent for SCDHS — Month 12 Day 12 Year 13

INT'L

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: GARY S Strohl — Signature: [signature] — Month 12 Day 26 Year 13

Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

qty est actual rec'd 18080K

Manifest Reference Number:

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

Facility's Phone:

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

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

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinsk[illegible] — Signature: [signature] — Month 12 Day 27 Year 13

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPENDIX H
DATA USABILITY SUMMARY REPORT

STONE ENVIRONMENTAL INC

DATA USABILITY SUMMARY REPORT (DUSR)

Site Name:	Canine Kennel, West Hampton Beach, New York
Performing Laboratory:	CHEMTECH, Mountainside, New Jersey
P.W. Grosser Project No.	Canine Kennel, November 2012 Sampling
Project Manager	Andy Lockwood, Project Manager
Stone Project Number:	082074-F, Phase 1 – Canine Kennel 2012
Analyses/Methods:	PCBs by Method 8082A/3510/3541
Data Validation Level	100%, Full

Prepared by: Kim Watson, Stone Environmental, Inc. Completed on: 12/28/2012

Reviewed by: Joanne Perry, Stone Environmental, Inc. SDG No.: D4907

Stone Environmental, Inc. (Stone) has completed a validation and quality assurance (QA) evaluation on the analysis data prepared by CHEMTECH Laboratory in Mountainside, New Jersey for 8 soil samples, and one field blank collected on November 20, 2012 and received at the laboratory on November 21, 2012. The laboratory reported the data under Sample Delivery Group (SDG) No. D4907 received by Stone on December 15, 2012. The sample and laboratory identifiers and the selected analyses as shown on the chain of custody records are provided in Attachment A. Polychlorinated biphenyls (PCBs) as Aroclors analysis was performed according to SW846 Methods 8082A with 3510(water separatory funnel extraction)/3541(automated soxhlet soil-extraction) extraction methods. This DUSR is based on reviews of the laboratory SDG case narrative and the full "Tier III" third-party data validation report, which are provided in Attachment B and Attachment C, respectively. Tier III data validation was performed on 100% of the data for PCBS as Aroclors in soil and water samples, in accordance with EPA Region II's HW#45 Standard Operating Procedure (SOP) for validating 8082A PCB analyses and NYSDEC's Technical Guidance for Site Investigation and Remediation (DRAFT DER-10, Nov. 2009) Appendix 2B Guidance for Data Deliverables and Development of Data Usability Summary Reports. Professional judgment was applied as necessary and appropriate.

Summary of Data Usability

The validation and usability assessments indicate that the data from this sample set are usable as qualified during the validation assessment. The overall quality control data provided in the laboratory report and in the case narrative indicate that the data represents adequate method accuracy and precision with regard to project objectives. The qualifications made to the data set are summarized below and in the validation report.

- Based on the poor reproducibility between the primary and secondary column quantitation, the result for AR1254 in EP019(6-12) was qualified as estimated (J) and the result for AR1254 in EP021(6-12) was qualified as tentatively identified and estimated (JN).

- Results for AR1254 in EP001B(12-18), FieldDup002, and EP020(6-12) were rejected (R) due to detection of these compounds outside the linear range of the instrument. Results for this compound were replaced with the acceptable concentrations from the more diluted analysis of these samples (EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL).

- Results for other Aroclor compounds except AR1254 as noted above in the diluted analyses of EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL were rejected (R) because acceptable results for these compounds were taken from the original (less diluted) analysis of these samples.

- The low standard concentration for these methods supports the LOQ reported value as recorded on Form I but does not support the laboratories' method detection limit concentration in the analytical sequence. Since the concentration reported with a "U" on all reports is not supported by the concentration of the low standard which provides precision and bias during these analyses for identification and quantitation, results for all non-detects in all samples have been qualified as estimated (UJ). The low standard of the calibration curve performed for these methods supports the LOQ concentration on Form I and not the MDL concentration; therefore, sensitivity at the MDL could not be assessed based on the data package alone.

The completeness level attained for the analysis of the field samples was greater than 95%. For all data, the overall quality of the data was acceptable and all results as qualified are considered usable as noted above.

ATTACHMENT A

CHAIN OF CUSTODY RECORD
SDG No. D4907
PCBs in Soil and Water Samples

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSES

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE | SAMPLE COLLECTION DATE | TIME

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

WHITE – CHEMTECH COPY FOR RETURN TO CLIENT   YELLOW – CHEMTECH COPY   PINK – SAMPLER COPY

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHAIN OF CUSTODY RECORD

Chemtech Project Number:

COC Number:

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

CLIENT/REPORTING INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE #	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	DATE	TIME	1	2	3	4	5	6	7	8	9
	[illegible]	S		[illegible]	X								
	[illegible]			[illegible]	X								
	[illegible]			[illegible]	X								

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

Comments:

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

5 of 37

ATTACHMENT B

CASE NARRATIVE
SDG No. D4907
PCBs in Soil and Water Samples

CHEMTECH

CASE NARRATIVE

P.W. Grosser Consulting
Project Name: Canine Kennel
Project # N/A
Chemtech Project # D4907
Test Name: PCB

A. Number of Samples and Date of Receipt:
7 Solid samples were received on 11/21/2012.
3 Solid samples were received on 11/21/2012.
1 Water sample was received on 11/21/2012.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_C. The front column is RTX-CLPest which is 30 meters, 0.32 mm ID, 0.5 um df,Catalog # 11139. The rear column is RTX-CLPestII which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog # 11324.The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for FIELDDUP002DL [Decachlorobiphenyl(1) - 128%].
The Retention Times were acceptable for all samples.
The MS {D4907-04MS} with File ID: PC011417.D recoveries met the requirements for all compounds except for AR1016[150%], AR1260[342%] .
The MSD {D4907-05MSD} with File ID: PC011416.D recoveries met the acceptable requirements except for AR1260[301%] .
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements except for the following:
CCAL01 (Data File PC011400.D, Peak AR1260 (2) Column2), Column1 met the requirement.
CCAL02 (Data File PC011420.D, Peak AR1260 (2) Column2), Column1 met the requirement.

Samples EP001B(12-18), FIELDDUP002 and EP020(6-12) were diluted due to high concentrations.

E. Additional Comments:

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

ATTACHMENT C

DATA VALIDATION REPORT
SDG No. D4907
PCBs in Soil and Water Samples

DATA VALIDATION

FOR

CANINE KENNEL
WEST HAMPTON, NEW YORK
November 2012 Sampling Round

ANALYSIS DATA
Polychlorinated biphenyls (PCBs) as Aroclors

Sample Delivery Group (SDG) No. D4907

Chemical Analyses Performed By:

CHEMTECH Laboratory
284 Sheffield Street
Mountainside, NJ 07092

For:

Andy Lockwood
P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, NY 11716

Data Validation Report By:

Kim B. Watson
Stone Environmental, Inc.
535 Stone Cutters Way
Montpelier, VT 05602

December 28, 2012

Reference #082074-F2012
PCB Validation Report_D4907/kbw

EXECUTIVE SUMMARY

Stone Environmental, Inc. (Stone) has completed the validation of the polychlorinated biphenyls (PCBs) as Aroclors analysis data prepared by CHEMTECH Laboratory, Mountainside, NJ, for 8 soil samples, and 1 field blank (FB) from the Canine Kennel site in West Hampton, New York. The laboratory reported the data under Sample Delivery Group (SDG) No. D4907 that was submitted as a single data package received by Stone (electronically) on December 15, 2012. D4907 includes the following samples:

Sample ID	Laboratory ID
EP001B(12-18)	D4907-01
EP018B(12-18)	D4907-02
EP007B(12-18)	D4907-03
EP008B(12-18)	D4907-06
FIELDDUP002	D4907-07
FIELDBLANK003	D4907-08
EP019(6-12)	D4907-09
EP020(6-12)	D4907-10
EP021(6-12)	D4907-11

The samples in this data set represent the sample collections from November 20, 2012 from the Canine Kennel Site in West Hampton, New York. A cross-reference of sample IDs was provided in the data package. The inches symbol was dropped from the sample identifications by the laboratory.

Findings of the validation effort resulted in the following qualifications of sample results:

- The result for AR1254 in EP019(6-12) was qualified as estimated (J) and the result for AR1254 in EP021(6-12) was qualified as tentatively identified and estimated (JN).

- Results for AR1254 in EP001B(12-18), FieldDup002, and EP020(6-12) were rejected (R) due to detection of these compounds outside the linear range of the instrument. Results for this compound were replaced with the acceptable concentrations from the more diluted analysis of these samples (EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL).

- Results for other Aroclor compounds except for AR1254 in the diluted analyses of EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL were rejected (R) because acceptable results for these compounds were taken from the original (less diluted) analysis of these samples.

- The low standard concentration for these methods supports the LOQ reported value as recorded on Form I but does not support the laboratories' method detection limit concentration in the analytical sequence. Since the concentration reported with a "U" on all reports is not supported by the concentration of the low standard which provides precision and bias during these analyses for identification and quantitation, results for all non-detects in all samples have been qualified as estimated (UJ). The low standard of the calibration curve performed for these methods supports the limit of quantitation (LOQ) concentration on Form I and not the MDL concentration; therefore, sensitivity at the MDL could not be assessed based on the data package alone.

"E" qualifiers were appropriately applied by the laboratory to sample Form I results when concentrations of target analytes were greater than the instrument calibration range. "D" qualifiers were appropriately applied by the laboratory to positive results from diluted sample analyses. The validator removed all laboratory-applied "E" and "D" qualifiers.

Documentation problems observed in the data package and on the chain of custody records are described in Section XIII.

The Overall Evaluation of Data (Section XII) presents the rationale for the decisions that have been implemented and are summarized above. The validation findings and conclusions for each analytical parameter are detailed in the remaining sections of this report and are based on the following information.

QC Criteria	Were acceptance criteria met for Contaminants of Concern?		
	Yes	No	NA
Chain of custody (COC)/sample integrity/holding times	√		
Data completeness and Deliverables	√		
Holding times and sample preservation	√		
Calibrations	√		
Surrogate recoveries	√		
Laboratory control samples and reference materials	√		
Matrix spike/matrix spike duplicate (MS/MSD) results	√		
Laboratory method blanks/equipment blanks	√		
Field duplicate results	√		
Compound identification	√		
Sample results	√*	*	
2nd Column Confirmation Positive Sample Result %D		√	
Calculations/transcriptions	√		

NA - *Not applicable; indicates that either the QC is not applicable to this data set or is not required by the method.*

Note: *Samples EP001B(12-18), EP020(6-12), and Fielddup002 required a subsequent dilution for analysis. In this instance (e.g., a dilution) a result may be indicated as "rejected" to avoid confusion when a more quantitatively accurate result is available.

This validation report shall be considered part of the data package for all future distributions of the PCB analysis data.

INTRODUCTION

Analyses of water and soil samples were performed according to US EPA SW846 Methodologies: 3510(water separatory funnel extraction)/3541(automated soxhlet soil-extraction) 8082A for the PCB as Aroclors analysis. The target compound lists included all standard target analytes for this method (Aroclor- AR1016, AR1221, AR1232, AR1242, AR1248, AR1254, and AR1260).

To the extent possible, Stone's validation was performed in conformance with Tier III guidelines as defined by EPA Region I, "Region I EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses", March 1996. The data were evaluated in accordance with EPA Region II's Standard Operating Procedure (SOP) from the EPA Hazardous Waste Support Branch: SOP#HW-45 "Validating PCB Compounds PCBs By Gas Chromatography SW-846 8082A". "EPA's National Functional Guidelines for Organic Data Review" (EPA 540/R-99/008, 10/99) was also considered during the evaluation, and professional judgment was applied as necessary and appropriate.

The data validation process evaluates data on a technical basis for chemical analyses conducted under the contract laboratory program (CLP) or other well-defined methods. Contract compliance is evaluated only in specific situations. Issues pertaining to contractual compliance are noted where applicable. It is assumed that the data package is presented in accordance with the CLP requirements. It is also assumed that the data package represents the best efforts of the laboratory and has already been subjected to adequate and sufficient quality review prior to submission for validation.

Results of sample analyses are reported by the laboratory as either qualified or unqualified; various qualifier codes are used by the laboratory to denote specific information regarding the analytical results. During the validation process, laboratory data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data validator as necessary and appropriate. Raw data is examined in detail to check calculations, compound identification, and/or transcription errors. Validated results are either qualified or unqualified; if results are unqualified, this means that the reported values may be used without reservation. Final validated results are annotated with the following codes, as defined in EPA Region II Standard Operating Procedures:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The associated numerical value is the sample quantitation limit. The sample quantitation limit accounts for sample specific dilution factors and percent solids corrections or sample sizes that deviate from those required by the method.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified. The R replaces the numerical value or sample quantitation limit. In some instances (e.g., a dilution) a result may be indicated as “rejected” to avoid confusion when a more quantitatively accurate result is available.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

These codes indicate qualifications placed on the data as a result of the validation effort. They are recorded on the Organic Analysis Data Sheets (Form I) in Attachment A of this validation report and in the Validation EDD (*D4907 Excel_withDataValidationCodes.xls*) submitted electronically as Attachment B.

All data users should note two facts. First, **the "R" qualifier means that the laboratory-reported value is completely unusable.** The analysis is invalid due to significant quality control problems and provides no information as to whether the compound is present or not. Rejected values should not appear on data tables because they have no useful purpose under any circumstances. Second, **no analyte concentration is guaranteed to be accurate even if all associated quality control is acceptable.** While strict quality control conformance provides well-defined confidence in the reported results, any analytical result will always contain some uncertainty as demonstrated in the laboratory-derived control limits.

The user is also cautioned that the validation effort is based on the materials provided by the laboratory. Software manipulation, resulting in misleading raw data printouts, cannot be routinely detected during validation; unless otherwise stated in the report, these kinds of issues are outside the scope of this review.

Detailed Findings of Measurement Error Associated with the Analytical Analysis

I. Preservation and Technical Holding Times (Sample Integrity)

The samples for PCB analysis were collected on November 20, 2012. The samples were received at the laboratory on November 21, 2012. All extractions were performed within the acceptable holding times for water and soil samples (7 and 14 days, respectively, from collection). The sample extracts were also analyzed within 40 days of extraction.

The temperature of the sample cooler on receipt at the laboratory, as recorded on the individual COC record was 5°C which was within the acceptable range of <10°C.

II. Calibration and Instrument Performance

The samples were analyzed on a single GC/ECD system identified as GCECD_C. The instrument was equipped with dual electron capture detectors (ECD). Data from both columns were presented in the data packages; the columns were as follows:

GCECD_C: 1. RTX-CLPest I, 30m, 0.32mm ID, 0.5um df. 2. RTX-CLPest II, 30m, 0.32mm ID, 0.25um df

A. GC Column Resolution, Endrin, and DDT Breakdown

A GC Column Resolution check is not required nor was it performed for this methodology.

B. Initial Calibration (IC)

Two initial calibrations (10/23/12 and 11/23/12) were performed in support of the PCB analyses. The IC consists of five concentration levels (50-1000 ppb) of 1016 and the 1260 standard (AR1660), and a single mid-point calibration for the other Aroclors (1221, 1232, 1242, 1248 and 1254) for the PCB analyses.

Documentation of all individual IC standards was present in the data package. Initial calibration curves were <20%RSD.

C. Analytical Sequence

The correct analytical sequence was followed in the analytical series for all standards and samples in this data set.

D. Continuing Calibration Verification

Continuing calibration (CC) verifications were performed at the appropriate frequency and were acceptable with the following exceptions:

The mid-point concentration of the AR1660 standard constitutes the continuing calibration. Documentation of all CC analyses was present and complete in the data package. Continuing calibration verifications were performed for the PCB analyses at the appropriate frequency and were acceptable with the following exceptions (>15%):

Analysis Date	Analysis Time	Compound	% D Column 1	% D Column 2	Action
11/23/12 CCAL01	1050	AR1260 (2)	0.0	23.6	NAC
11/23/12 CCAL02	1621	AR1260 (2)	14.0	41.6	NAC

Since AR1260 exhibited elevated %D values and the %D values on the first column were acceptable, no data was qualified on this basis.

Documentation of independent calibration verification (ICV) standards were present in the data packages and presented in the raw data only and appeared acceptable.

Target analytes in the reported CCV standards were within the RT windows established during the IC.

III. Blanks

Results for one water matrix and one soil matrix MB were reported with each extraction batch in association with the samples in this data set. No target compounds were reported any of the MBs.

A field blank (Fieldblank003) was submitted with the samples in this data set. No target analytes were detected in the field blank.

IV. Surrogate Spike Compound Recovery

Percent recoveries (%R) of the two surrogates (tetrachloro-m-xylene [TMX] and decachlorobiphenyl [DCB]) in the PCB analysis were correctly reported on the Form II-like summaries, and were within acceptance limits for the samples in these data sets, with the following exception: the recovery of DCB in Fielddup002DL (128%). Since recovery of the other surrogate TMX was acceptable, this surrogate was acceptable in the undiluted analysis, the %recovery was just marginally above the laboratory limit of 125% and well within the validation limit of 150%, no data was qualified on this basis.

V. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Sample EP007B(12-18) was used for the MS/MSD analyses The spiking solution contained AR1016 and AR1260 in the PCB analysis. Percent recoveries and relative percent differences (%RPD) between paired recoveries were reported on the Form III summaries within the data packages. %R and RPD results were correctly calculated, accurately reported, and acceptable with the following exceptions:

Sample ID	Compound	MS%R	MSD%R	Dup or MS/MSD % RPD	QC Limits	Action
EP007B(12-18)	Aroclor 1016	150	137	9	40-140/20	NAC
EP007B(12-18)	Aroclor 1260	342	301	13	60-130/20	NAC

NA=Not Applicable, NAC=No Action Est. = Estimate (J, UJ) associated sample

Since the recoveries of the AR1016 and 1260 in the MS/MSD analyses were above the limits and these Aroclors were not reported in this sample; no data was qualified based on the high recoveries.

VI. Field Duplicate Precision

Sample Fielddup002 was identified as a field duplicate of EP001B(12-18). Paired results were acceptable for the AR1254 results on both columns at less than 16%D (<50%RPD for soils, Region I guidelines).

VII. Performance Evaluation Samples (PES)/Accuracy Check

Zero blank PE samples, commonly known as laboratory control samples or blank spikes (BS), were performed at the required frequency and results were provided on Form III-like summaries. Recoveries were within the laboratory-derived acceptance limits for all the blank spike analyses.

VIII. Extract Cleanup

According to the extraction bench sheets, sulfuric acid cleanup procedures were performed for soil and water samples. All samples and blank spikes were cleaned according to the methodology and the surrogate compound recoveries were acceptable to reflect the cleanup efficiencies.

IX. Target Compound Identification

Reported target compounds were correctly identified based on the best fit to the Aroclor pattern in the standards with supporting chromatograms present for all field samples in this data set.

The second column quantitation was in agreement with the first column in all samples (<25%) for the PCB concentration in all samples with the exceptions of EP019(6-12) at 45.5%D and EP021(6-12) at 72.7%D. Based on the poor reproducibility between the primary and secondary column quantitation, the result for AR1254 in EP019(6-12) was qualified as estimated (J) and the result for AR1254 in EP021(6-12) was qualified as tentatively identified and estimated (JN).

X. Compound Quantitation and Reported Quantitation Limits

Target compound concentrations and quantitation limits were correctly calculated and accurately reported including adjustments for dilutions and percent solids. All samples were reported on a dry weight basis. All samples were reported correctly and the higher of the two values as reported on the Form X was reported on Form I. It should be noted that on the qualifier page the P value indicates that the lower of the two values is reported. This was not the case and the higher value was reported in all instances.

The laboratory reported all non-detect concentrations to the method detection limit (MDL) as recorded on Form I along with the laboratory limit of quantitation (LOQ) and contract required quantitation limit (CRQL). An MDL is the minimum concentration of a substance that can be detected with 99% confidence that the analyte concentration is greater than zero. The low standard concentration for these methods supports the LOQ reported value as recorded on Form I but does not support the laboratories' method detection limit concentration in the analytical sequence. Since the concentration reported with a "U" on all reports is not supported by the concentration of the low standard which provides precision and bias during these analyses for identification and quantitation, results for all non-detects in all samples have been qualified as estimated (UJ). The low standard of the calibration curve performed for these methods supports the LOQ concentration on Form I and not the MDL concentration; therefore, sensitivity at the MDL could not be assessed based on the data package alone.

Results for AR1254 in the original analysis of EP001B(12-18), FieldDup002, and EP020(6-12) were detected outside the linear range of the instrument. These samples were appropriately reanalyzed at subsequent dilutions. Results for AR1254 EP001B(12-18), FieldDup002, and EP020(6-12) were rejected (R) due to detection of these compounds outside the linear range of the instrument. Results for this compound were replaced with the acceptable concentrations from the more diluted analysis of these samples (EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL).

Results for other Aroclor compounds except AR1254 as noted above in the diluted analyses of EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL were rejected (R) because acceptable results for these compounds were taken from the original (less diluted) analysis of these samples.

"E" qualifiers were appropriately applied by the laboratory to sample Form I results when concentrations of target analytes were greater than the instrument calibration range. "D" qualifiers were appropriately applied by the laboratory to positive results from diluted sample analyses. The validator removed all laboratory-applied "E" and "D" qualifiers.

Sample-specific results for all analytes may be found on the laboratory-generated Form Is for each sample. The laboratory generated Form Is have been annotated with the data validation qualifiers as defined in this report and provided in Attachment A and electronically in Attachment B.

XI. System Performance

As evidenced by opening and closing calibration analyses, surrogate recoveries, and blank analyses, the GC/ECD system used for these sample analyses was within control during the sequence of analyses for this sample group.

XII. Overall Evaluation of Data

Findings of the validation effort resulted in the following qualifications of sample results:

- Based on the poor reproducibility between the primary and secondary column quantitation, the result for AR1254 in EP019(6-12) was qualified as estimated (J) and the result for AR1254 in EP021(6-12) was qualified as tentatively identified and estimated (JN).

- Results for AR1254 in EP001B(12-18), FieldDup002, and EP020(6-12) were rejected (R) due to detection of these compounds outside the linear range of the instrument. Results for this compound were replaced with the acceptable concentrations from the more diluted analysis of these samples (EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL).

- Results for other Aroclor compounds except AR1254 as noted above in the diluted analyses of EP001B(12-18)DL, FieldDup002DL, and EP020(6-12)DL were rejected (R) because acceptable results for these compounds were taken from the original (less diluted) analysis of these samples.

- The low standard concentration for these methods supports the LOQ reported value as recorded on Form I but does not support the laboratories' method detection limit concentration in the analytical sequence. Since the concentration reported with a "U" on all reports is not supported by the concentration of the low standard which provides precision and bias during these analyses for identification and quantitation, results for all non-detects in all samples have been qualified as estimated (UJ). The low standard of the calibration curve performed for these methods supports the LOQ concentration on Form I and not the MDL concentration; therefore, sensitivity at the MDL could not be assessed based on the data package alone.

The checklist found in the Executive summary outlines EPA Region II's HW#45 SOP requirements.

XIII. Documentation

The COC records were present and accurately completed for all reported samples in this data set and the data package was complete with the following exception:

- Corrections to the COC indicated Improper edits were made on the COC records: any change in an entry should be made so as not to obscure the original entry, by the person making the change striking a single line through the entry and dating and initialing (signing) the change.

- Data in these packages were reported to the MDL rather than the LOQ as listed on the Form I summary. These methods require that the laboratory support the reporting of data to the low standard of the calibration curve. Therefore, for future sampling rounds the laboratory must report all data to the low standard of the curve or the LOQ rather than the MDL. Data that is reported to the MDL should be qualified as estimated (J) since the MDL is the concentration for detection not confidence in quantitation. If the laboratory chooses to report to the MDL than a blank spike at the MDL concentration must be performed with the other blank spike to determine sensitivity and accuracy at the MDL on a routine basis.

These issues do not directly affect the validity of the analytical data but could be problematic if the results were to be used in a litigation situation.

This validation report shall be considered part of the data package for all future distributions of the PCB analysis data.

ATTACHMENT A

ANALYSIS DATA SUMMARY SHEETS (Form I)
SDG No. D4907
PCBs in Water and Soil Samples

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Report of Analysis

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Report of Analysis

[illegible]

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
11104-28-2	Aroclor-1221	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
11141-16-5	Aroclor-1232	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
53469-21-9	Aroclor-1242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
12672-29-6	Aroclor-1248	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
11097-69-1	Aroclor-1254	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
11096-82-5	Aroclor-1260	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
SURROGATES							
[illegible]	Tetrachloro-m-xylene	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	Decachlorobiphenyl	[illegible]		[illegible]		[illegible]	[illegible]

[illegible]

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Report of Analysis

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TARGETS							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SURROGATES							
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]

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Report of Analysis

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TARGETS							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SURROGATES							
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]

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Report of Analysis

[illegible]

CAS Number	Parameter	Conc	Qualifier	MDL	LOQ	[illegible]	Units
[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] 1232	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] 1242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] 1248	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] 1254	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]							
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]

[illegible]

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Report of Analysis

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
[illegible]	Aroclor-1016	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
[illegible]	Aroclor-1221	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
[illegible]	Aroclor-1232	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
[illegible]	Aroclor-1242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
[illegible]	Aroclor-1248	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
[illegible]	Aroclor-1254	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
[illegible]	Aroclor-1260	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ug/Kg
SURROGATES							
[illegible]	Tetrachloro-m-xylene	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	Decachlorobiphenyl	[illegible]		[illegible]		[illegible]	[illegible]

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Report of Analysis

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TARGETS							
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1221	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1232	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1254	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SURROGATES							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

CHEMTECH [illegible]

Report of Analysis

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
[illegible]	Aroclor-1016	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1221	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1232	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1248	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1254	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1260	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SURROGATES							
[illegible]	Tetrachloro-m-xylene	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	Decachlorobiphenyl	[illegible]		[illegible]		[illegible]	[illegible]

[illegible]

Report of Analysis

Client:	[illegible]	Date Collected:	[illegible]
Project:	[illegible]	Date Received:	[illegible]
Client Sample ID:	[illegible]	SDG No.:	[illegible]
Lab Sample ID:	[illegible]	Matrix:	[illegible]
Analytical Method:	[illegible]	% Moisture:	[illegible]
Sample Wt/Vol:	[illegible]	Final Vol:	[illegible]
Soil Aliquot Vol:	[illegible]	Test:	[illegible]
Extraction Type:		Injection Volume:	[illegible]
GPC Factor:	[illegible]		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SURROGATES							
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]

[illegible]

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Report of Analysis

[illegible]	[illegible]	Date Collected:	[illegible]
[illegible]	[illegible]	Date Received:	[illegible]
[illegible]	[illegible]	SDG No.:	[illegible]
[illegible]	[illegible]	Matrix:	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]
[illegible]	[illegible] N/A		

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
[illegible]	Aroclor-1016	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1221	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1232	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1248	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1254	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-1260	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SURROGATES							
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]

[illegible]

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Report of Analysis

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aroclor-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SURROGATES							
[illegible]	Tetrachloro-m-xylene	[illegible]		[illegible]		[illegible]	[illegible]
[illegible]	Decachlorobiphenyl	[illegible]		[illegible]		[illegible]	[illegible]

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Report of Analysis

ATTACHMENT B

Electronic Data Deliverables (EDD) with Validation Codes
SDG No. D4907
PCBs in Water and Soil Samples

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8922 www.chemtech.net

The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

			DVQ		DVQ		DVQ		DVQ		DVQ		DVQ		DVQ		DVQ		DVQ		DVQ
Sample ID		EP001B(12-18)		EP001B(12-18)DL		EP018B(12-18)		EP007B(12-18)		EP008B(12-18)		FIELDDUP002		FIELDDUP002DL		EP019(6-12)		EP020(6-12)		EP020(6-12)DL		EP021(6-12)	
Lab Sample Number		D4907-01		D4907-01DL		D4907-02		D4907-03		D4907-06		D4907-07		D4907-07DL		D4907-09		D4907-10		D4907-10DL		D4907-11	
Sampling Date		11/20/2012		11/20/2012		11/20/2012		11/20/2012		11/20/2012		11/20/2012		11/20/2012		11/20/2012		11/20/2012		11/20/2012		11/20/2012	
Matrix		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
Dilution Factor		1		10		1		1		1		1		10		1		1		10		1	
Units		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
COMPOUND	CAS #																						
Aroclor-1016	12674-11-2	8.5	UJ	R		9.5	UJ	9.5	UJ	9	UJ	9	UJ	R		9	UJ	9	UJ	R		9	UJ
Aroclor-1221	11104-28-2	8.5	UJ	R		9.5	UJ	9.5	UJ	9	UJ	9	UJ	R		9	UJ	9	UJ	R		9	UJ
Aroclor-1232	11141-16-5	8.5	UJ	R		9.5	UJ	9.5	UJ	9	UJ	9	UJ	R		9	UJ	9	UJ	R		9	UJ
Aroclor-1242	53469-21-9	8.5	UJ	R		9.5	UJ	9.5	UJ	9	UJ	9	UJ	R		9	UJ	9	UJ	R		9	UJ
Aroclor-1248	12672-29-6	8.5	UJ	R		9.5	UJ	9.5	UJ	9	UJ	9	UJ	R		9	UJ	9	UJ	R		9	UJ
Aroclor-1254	11097-69-1	R		2900		190		140		9	UJ	R		2700		160	J	R		1000		190	JN
Aroclor-1260	11096-82-5	8.5	UJ	R		9.5	UJ	9.5	UJ	9	UJ	9	UJ	R		9	UJ	9	UJ	R		9	UJ
Total Concentration.				2900		190		140		0				2700		160				1000		190	

Lab Qualifiers

U - The compound was not detected at the indicated concentration.

N (Organics) - Presumptive Evidence of a Compound

N (Inorganics) - The matrix spike recovery was outside control limits

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coelluting interference.

* (Inorganics) - The sample/duplicate %RPD was above the control limit.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

NR - Not analyzed

Data Validation Qualifiers (DVQ)

U- The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The associated numerical value is the sample quantitation limit.

The sample quantitation limit accounts for sample specific dilution factors and percent solids corrections or sample sizes that deviate from those required by the method.

J- The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ- The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R- The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The R replaces the numerical value or sample quantitation limit. In some instances (e.g., a dilution) a result may be indicated as "rejected" to avoid confusion when a more quantitatively accurate result is available.

JN (NJ) The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

N- The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

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The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

		DVQ
Sample ID		**FIELDBLANK003**
Lab Sample Number		**D4907-08**
Sampling Date		**11/20/2012**
Matrix		**WATER**
Dilution Factor		**1**
Units		**ug/L**
COMPOUND	CAS #	
Aroclor-1016	12674-11-2	0.26 UJ
Aroclor-1221	11104-28-2	0.26 UJ
Aroclor-1232	11141-16-5	0.26 UJ
Aroclor-1242	53469-21-9	0.26 UJ
Aroclor-1248	12672-29-6	0.26 UJ
Aroclor-1254	11097-69-1	0.26 UJ
Aroclor-1260	11096-82-5	0.26 UJ
Total Concentration.		0

Qualifiers

U - The compound was not detected at the indicated concentration.

N (Organics) - Presumptive Evidence of a Compound

N (Inorganics) - The matrix spike recovery was outside control limits

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

* (Inorganics) - The sample/duplicate %RPD was above the control limit.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

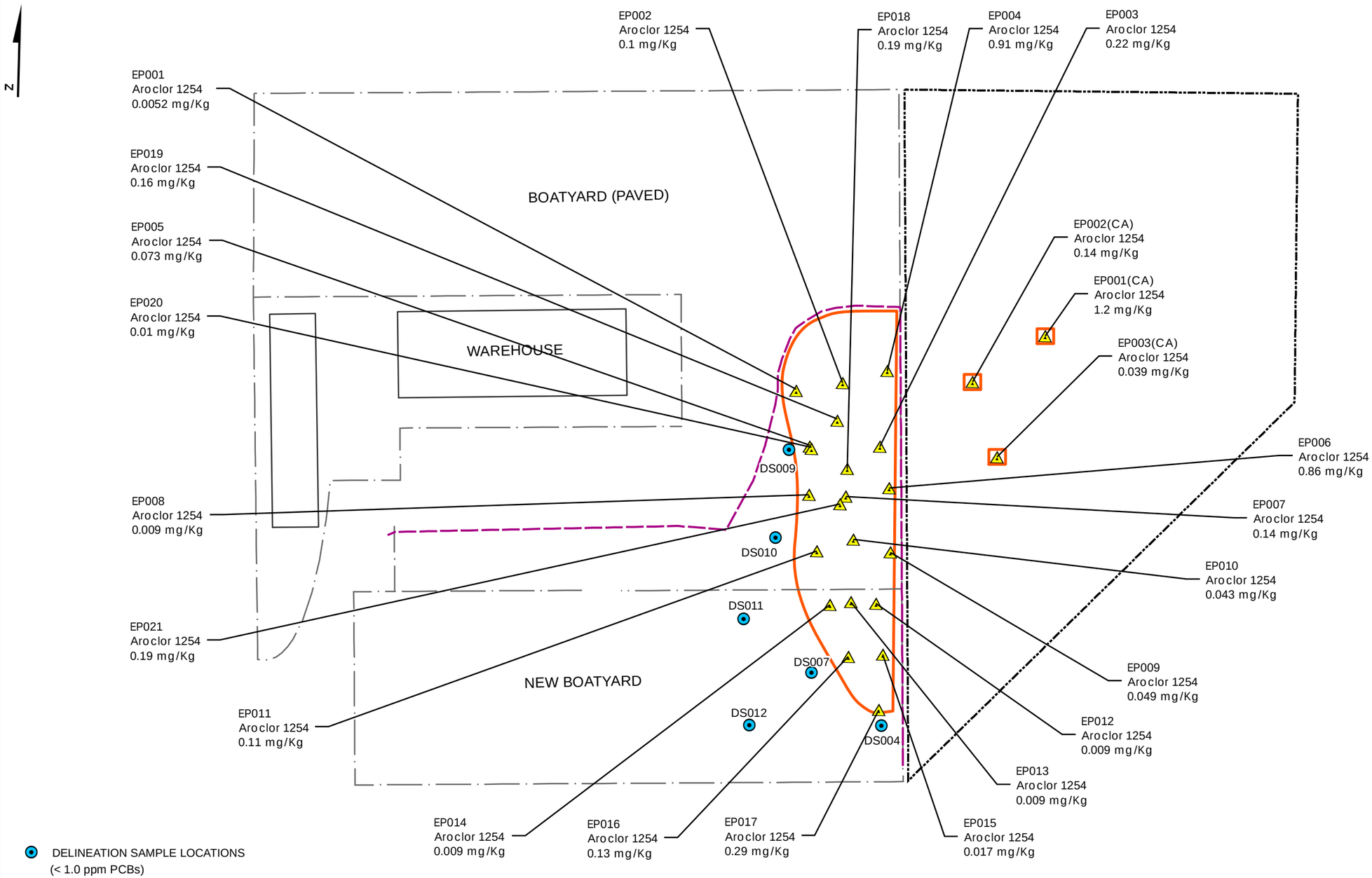
E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

NR - Not analyzed

Data Validation Qualifiers (DVQ)

U-	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The associated numerical value is the sample quantitation limit.
	The sample quantitation limit accounts for sample specific dilution factors and percent solids corrections or sample sizes that deviate from those required by the method.
J-	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ-	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R-	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
	The R replaces the numerical value or sample quantitation limit. In some instances (e.g., a dilution) a result may be indicated as “rejected” to avoid confusion when a more quantitatively accurate result is available.
JN (NJ)	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
N-	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."



CANINE KENNEL - END POINT SAMPLE RESULTS

NOTES: IRM Excavation Area: ~ 14,632.5 square feet
Delineation Sample Results Below 1 mg/Kg (Refer to Figure 3).
Endpoint samples collected from 0-6" below final excavation depth.

0 25 50 100 150 200 Feet

Path: D:\GIS\Projects\S-Z\SHD1201\mapfiles\FIG4_EndPointSampleResults.mxd

PWGC

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DRAWINGS PREPARED FOR:

SUFFOLK COUNTY
DEPT. OF HEALTH SERVICES
OFFICE OF POLLUTION CONTROL
15 HORSEBLOCK PLACE
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REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

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DESIGNED BY:	BB	DATE:	2/15/2013
DRAWN BY:	BB	SCALE:	AS SHOWN

SHEET TITLE:

FORMER CANINE KENNEL
GABRESKI AIRPORT
WEST HAMPTON, NEW YORK

IRM EXCAVATION

FIGURE NO:

4

SHEET: