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Supplemental Vapor Intrusion Remedial Investigation Report and Focused Feasibility Study Air Force Plant 59 Johnson City, New York

Final

AECOM

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List of Acronyms and Abbreviations

ACGIH	American Conference of Industrial Hygienists
AFCEE	Air Force Center for Engineering and the Environment
AFP	Air Force Plant
ags	Above Ground Surface
ASTM	American Society for Testing and Materials
BAE	BAE Systems
˚C	Degrees Celsius
COC	Contaminants of Concern
CSM	Conceptual Site Model
DCA	Dichloroethane
DCE	Dichloroethene
ERPIMS	Environmental Resources Program Information Management System
HVAC	Heating, Ventilation, and Air Conditioning
IRP	Installation Restoration Program
LCS	Laboratory Control Sample
L/min	Liters per Minute
LTM	Long-Term Monitoring
µg/L	Micrograms per Liter
µg/m^3	Micrograms per Cubic Meter
mL	Milliliters
mL/min	Milliliters per Minute
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Unit
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	Occupational Safety and Health Administration
PCE	Tetrachloroethene
PEL	Permissable Exposure Limit
PID	Photoionization Detector
POC	Point of Contact
ppm	Parts per Million
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RACER	Remedial Action Cost Engineering and Requirements
RI	Remedial Investigation

TCA	Trichloroethane
TCE	Trichloroethene
TWA	Time Weighted Average
USAF	United States Air Force
USEPA	United States Environmental Protection Agency
VI	Vapor Intrusion
VOC	Volatile Organic Compound
WBV	Well Bore Volume

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1 Introduction

AECOM completed the vapor intrusion (VI) investigation, and sampling of existing on-site and off-site monitoring wells, at Air Force Plant (AFP) 59 in Johnson City, New York. The Air Force Center for Engineering and the Environment (AFCEE) contracted AECOM to complete the studies/field activities based on the findings from the *Final Soil-Gas and Groundwater Monitoring Report* (Earth Tech, 2007) and the *Long-Term Monitoring Activities and Soil-Gas Investigation Letter Report* (AECOM, 2009a). This report summarizes the work conducted as part of the task order and the findings of the studies and is a supplemental report to the findings from the *Vapor Intrusion Remedial Investigation Report* (AECOM, 2010).

1.1 Objectives and Scope of the Remedial Investigation

There were two primary project objectives: 1) the evaluation of VI inside the AFP 59 Manufacturing Building during the month of August 2010 with a comparison to the VI data collected in August 2009, and 2) the collection of one additional round of groundwater samples from six on-site and four off-site monitoring wells in November 2010.

The first objective, the VI evaluation of the AFP 59 Manufacturing Building, was completed by:

- Collecting co-located indoor air and sub-slab vapor samples inside the Manufacturing Building and submitting the vapor samples for fixed laboratory analysis of volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method TO-15 to evaluate VI potential; and
- Collecting outdoor air/background vapor samples upwind, crosswind, and downwind of AFP 59 and submitting the vapor samples for fixed laboratory analysis of VOCs using USEPA Method TO-15 to evaluate the potential for outdoor contribution of VOCs to indoor air.

The second objective, the groundwater sampling of six on-site and four off-site monitoring wells, was completed by:

- Collecting groundwater samples from six existing on-site monitoring wells and submitting the samples for fixed laboratory analysis of VOCs using USEPA Method SW8260B and 1,4-dioxane using USEPA Method SW8270C; and
- Collecting groundwater samples from four existing off-site monitoring wells and submitting the samples for fixed laboratory analysis of VOCs using USEPA Method SW8260B and 1,4-dioxane using USEPA Method SW8270C.

1.2 Air Force Plant 59 Background

AFP 59 is located in south-central New York in the Westover area of the Town of Union, Broome County, immediately west of Johnson City; the site is about 3 miles west of the Central Business District of the City of Binghamton and about 4 miles east of the center of the Village of Endicott (Figure 1.2-1). The plant occupies 29.6 acres (including Parking Lot #5 located north of Main Street) and is situated in a Medium-to-high intensity developed area (Figures 1.2-1 and 1.2-2, respectively). Parking Lot #5 was classified as a Category 1 site during the environmental baseline survey conducted by Earth Tech (Earth Tech, 1995), meaning it is an area where no storage, release, or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas). Consequently, Parking Lot #5 was not investigated during the remedial investigation (RI) (Earth Tech, 1996).

The plant is bounded on the east and south by Little Choconut Creek. South of AFP 59, beyond Little Choconut Creek, is a power plant owned by New York State Electric and Gas. Residential areas are located immediately west of the installation and to the east, beyond Little Choconut Creek. Other nonresidential land around the plant is used for transportation, commercial enterprises, recreation, and industrial activity. The Camden Street Wellfield, an important source of water for Johnson City, is located approximately 1,000 feet southwest of the plant.

As an Air Force government-owned, contractor-operated facility, AFP 59 has manufactured aircraft-related products since 1942. A complete chronology of the occupants of AFP 59 can be found in Section 1.2 (*Air Force Plant 59 Background*) of the *Vapor Intrusion Remedial Investigation Report* (AECOM, 2010). The current occupant, BAE Systems (BAE), acquired Lockheed Martin Control Systems and assumed operations of AFP 59 in April 2000. In 2011, Hurricane Irene caused major flooding in Johnson City including the AFP 59 area. The flooding was so extensive that the facility in now mapped within the floodplain of the Susquehanna River and BAE has vacated the facility. The floodplain is illustrated in Figure 1.2-3. While the final disposition of the facility still has yet to be determined by the United States Air Force (USAF), reoccupancy is an unlikely scenario.

1.2.1 Site Inventory

Prior to the RI report, there were nine areas of concerns at AFP 59 where historical activities may have resulted in releases to the environment (Earth Tech, 1996). In addition to the nine areas of concern, an area of trichloroethene (TCE)-contaminated soil was also discovered in 2002. Therefore, a total of 10 areas of concern are located at AFP 59. The 10 areas of concern included *Underground Waster Oil Storage Tanks,* a *Drum Storage Area*, *Little Choconut Creek and three associated wastewater outfalls*, a *Plating Building*, a *Storage Tank and Settling Pond*, a *Former Gasoline Underground Storage Tank*, a *JP-4 Piping Area*, an *Oil/Water Separator*, a *Transformer Area*, and the *East Basement TCE Soil Pile* discovered in 2002. All ten areas of concern are discussed in detail in Section 1.2 (Air Force Plant 59 Background) of the *Vapor Intrusion Remedial Investigation Report* (AECOM, 2010).

1.3 Current Investigation Overview

The following section summarizes the previous investigations conducted as part of this task order to assess VI at AFP 59 and assess groundwater quality in the on- and off-site monitoring well networks.

1.3.1 Vapor Intrusion Investigation – Manufacturing Building

Based on the results from previous VI investigations at AFP 59, the NYSDEC requested that a VI investigation of the Manufacturing Building be initiated in August 2010 to compare the results of the investigation with those of previous investigations conducted in 2009 and 2010, particularly the August 2009 VI investigation. The concentrations of contaminants of concern (COCs) were, overall, significantly greater in samples collected during the August 2009 investigation than in those collected in November 2009 and February 2010. The current investigation was conducted to develop a VI data set to determine if the elevated levels of COCs in samples collected during the August 2009 investigation were a statistical anomaly or if the results represented a seasonal concentration variation. Sixty sampling locations that previously exhibited high concentrations of COCs in prior investigations were chosen for inclusion in the August 2010 investigation. Descriptions of the previous investigations are provided below:

- In November 2004 two soil-gas samples were collected from the southwest corner of AFP 59 (near the Fire Suppression Reservoir) to evaluate the potential presence of VOCs in soil gas downgradient of the chlorinated VOC groundwater plume. Elevated concentrations of chlorinated VOCs were detected in the two soil-gas samples;
- In October/November 2006, additional soil-gas samples were collected around the periphery of the Manufacturing Building (Earth Tech, 2007). These locations were selected based on the elevated VOCs detected in soil-gas samples collected in November 2004. Elevated VOC concentrations were again detected. Primarily in the southwest corner of the plant near the Fire Suppression Reservoir;
- In January 2008, NYSDEC requested the collection of co-located indoor air and sub-slab vapor samples from six locations within the manufacturing building (Earth Tech, 2008). This request was based on the results of the two above investigations. Based on the New York State Department of Health (NYSDOH) *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006), five of the sample locations exceeded concentrations for monitoring and/or mitigation in the guidance matrices for four compounds (TCE, tetrachloroethene [PCE], 1,1,1-Trichloroethane [TCA], and carbon tetrachloride).
- The NYSDEC and NYSDOH then recommended further investigation be conducted to evaluate the VI pathway at AFP 59. Based on the results of the three prior VI investigations, the NYSDEC requested that a comprehensive VI investigation be initiated for the Manufacturing Building at AFP 59 and several adjacent residential properties. This investigation began in July of 2009 and concluded in February 2010. Vapor

intrusion screening sub-slab vapor samples were collected in July of 2009. Co-located level indoor air and sub-slab vapor samples were collected in August and November of 2009 and in February of 2010. The sub-slab and indoor air sample results from the August 2009 sampling event exhibited significantly higher concentrations of VOCs than the November 2009 or February 2010 sampling events.

1.3.2 Groundwater Sampling of Existing Monitoring Wells

Based on the conclusions presented in the *Final Remedial Investigation Report* (Earth Tech, 1996) and recommendations made by the NYSDEC, it was determined that VOCs represent the only chemicals of potential concern in groundwater at AFP 59. As a result, the *Record of Decision* (Earth Tech, 1999a) for AFP 59 describes the remedial alternative (i.e., the upgrade of the Camden Street Wellfield groundwater treatment system) chosen as most appropriate for treating the VOCs in groundwater at AFP 59. As part of the requirements defined in the *Record of Decision* (Earth Tech, 1999a), a long-term monitoring (LTM) program was established for AFP 59. The LTM program, which is described in the April 27, 1999 letter to the NYSDEC (Earth Tech, 1999b), was concluded with the November 2004 sampling event, although groundwater monitoring continues due to the potential for VI. The LTM included the sampling of monitoring wells SW1, DW1, SW3, DW3, SW4, and SW7. Monitoring wells SW1 and DW1 represent upgradient (background) monitoring wells, and monitoring wells SW3, DW3, SW4, and SW7 represent downgradient monitoring wells. Monitoring wells SW4 and SW7 have historically had the highest concentrations of VOCs.

In July 2005, a soil pile containing TCE contamination in the East Basement of AFP 59 was excavated and removed. The soil pile was located upgradient of monitoring wells SW3, DW3, SW4, and SW7. Additional off-site groundwater monitoring was recommended in the *Long-Term Monitoring Activities and Soil Gas Investigation Letter Report* (AECOM, 2009a) to monitor the migration of contaminants off-site (including 1,4-dioxane). This recommendation has developed into the current on- and off-site groundwater monitoring program.

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2 Facility and Site Setting

Descriptions of the physical setting of AFP 59, including physiography, geology, hydrogeology, surface water features, drainage, and climatology can be found in Section 2 of the *Final Vapor Intrusion Investigation Report, Air Force Plant 59, Johnson City, New York* (AECOM, 2010).

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3 Study Area Investigation Activities

The following sections discuss field activities, laboratory analytical program, and the data evaluation procedures for the VI investigation at AFP 59 that occurred during the August and November 2010 sampling events.

3.1 Field Activities

The following sections discuss the field program and the chronology of field activities.

3.1.1 Field Program

The field investigation was conducted in two mobilizations during August and November of 2010. The first phase of the field investigation, conducted from August 27 to August 29, 2010, included one round of VI sampling for VOCs. Figure 3.1-1 illustrates the sub-slab and indoor air sample locations sampled for VOCs during this phase. The second phase of the field investigation was conducted from November 16 to November 18, 2010 and included the sampling of six on-site groundwater monitoring wells and f our off-site groundwater monitoring wells. These groundwater samples were submitted for fixed laboratory analysis of VOCs using USEPA Method SW8260B and 1-4 dioxane using USEPA Method SW8270. Figure 3.1-2 illustrates the monitoring well locations which were sampled in November 2010. A summary of the samples collected and the laboratory analyses completed during both phases of the field investigation is provided below.

3.1.1.1 Site Reconnaissance, Preparation, and Site Restoration

Existing vapor sampling locations (installed during previous investigations) and existing monitoring wells were utilized in this investigation.

Fieldwork associated with the VI investigation was coordinated with the BAE Systems point of contact (POC) to minimize disruption of plant activities. The POC offered the following support for the completion of the fieldwork:

- Provided site utility maps, and
- Arranged for field personnel to have personnel access credentials and coordinated access to a secure staging area for storing equipment and supplies.

All excess materials and supplies were removed from the site following completion of field activities as part of site restoration.

3.1.1.2 AFP 59 Vapor Intrusion Sampling

Vapor sampling was conducted in accordance with the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006). The following information was documented for each vapor sample collected and noted on the VI field data collection forms (Appendix A):

- Sample identification;
- Date, time, and location of sample collection;
- Sampling height above ground surface (ags) (for indoor and ambient air samples) or sampling depth below ground surface;
- Identity of personnel performing the sampling;
- Sampling methods and devices;
- Sub-slab vapor purge volume;

- Vacuum readings of Summa® canisters before and after samples were collected; and

Vapor samples were collected using cleaned, batch-certified, one-liter Summa® canisters. Vapor samples were submitted to a fixed laboratory for VOC analysis using USEPA Method TO-15. Quality assurance/quality control (QA/QC) samples were collected based on the frequency described in Section 3.1.3 below.

Equipment Calibration

All direct reading field air quality monitoring equipment was calibrated each day prior to use. The calibration of all field instruments was documented on the field equipment calibration form and field logbooks.

Indoor Air Sampling

Indoor air samples were collected from 60 locations inside the Manufacturing Building at AFP 59 during the first phase of the field investigation from August 27 to August 29, 2010 (Figure 3.1-1). The sample locations were co-located with the permanent sub-slab sample locations sampled during this same phase. The Manufacturing Building is staffed around the clock, so vapor samples were collected over a 24-hour period using the following methodology:

- 1-liter Summa® canisters were placed at the sample locations at a height that reflects the average breathing zone (typically 4 to 6 feet ags) in a Manufacturing Building setting.
- Samples were collected using restricted orifice regulators.
- Duplicate samples were collected adjacent to the normal sample as per the approved sampling QC protocol.
- Site conditions, including floor stains, stored chemicals, and the activities occurring at each sampling location, were noted in the field documentation at the time of sampling.
- A photoionization detector (PID) reading was taken at each indoor air sample location. PID readings were documented in the sample collection logbook.

Upon completion of the indoor air sampling, the Summa® canisters were labeled, capped, and placed in the shipping container supplied by the laboratory. Each indoor air sample was submitted for VOC analysis using USEPA Method TO-15 at a fixed off-site laboratory. Standard chain-of-custody protocols were maintained. Field data collection forms are included in Appendix A, chain-of-custody forms are included in Appendix B, and the laboratory analytical reports are included in Appendix C.

Sub-Slab Vapor Sampling

Fifty-nine sub-slab locations were sampled during the first VI phase of this field investigation, which occurred from August 27 to August 29, 2010 (Figure 3.1-1). During this investigation, sub-slab vapor samples were collected from directly beneath the building slab through the use of the permanent sub-slab locations installed in July and November 2009. The details of the construction of the sample locations are presented in the *Final Vapor Intrusion Investigation Report, Air Force Plant 59, Johnson City, New York* (AECOM, 2010). The following gas concentrations were measured and documented at each sub-slab sampling point location:

- Oxygen
- Methane
- Carbon dioxide

Oxygen, methane, and carbon dioxide concentration measurements were taken with a GEM™ 2000 Plus portable gas analyzer. The gas concentration measurements were documented on the VI field data collection forms (Appendix A).

The sub-slab samples were collected over a 24-hour period using the following methodology:

- A dedicated, stainless steel male fitting with Teflon®-lined polyethylene tubing was attached to the permanent vapor point using Teflon® tape to seal the fittings.

- A disposable syringe was used to purge between one and three volumes of the tubing prior to sample collection. Purge rates were less than 200 milliliters per minute (mL/min), and the purged air was containerized in a Tedlar® bag, screened with a PID, and released outdoors of the building. Approximately 60 to 100 milliliters (mL) were purged from each location.
- Upon completion of purging, samples were collected in a 1-liter Summa® canister at a flow rate of less than 200 mL/min.
- As the approved QC protocol required, duplicate samples were collected from the same sampling point using a tee fitting.
- Site conditions, including floor stains, stored chemicals, and the activities occurring at each sampling location, were noted in the field documentation at the time of sampling.

Upon completion of the sub-slab sampling, the Summa® canisters were labeled, capped, and placed in the shipping container supplied by the laboratory. Each sub-slab vapor sample was submitted for VOC analysis using USEPA Method TO-15 at a fixed off-site laboratory. Standard chain-of-custody protocols were maintained. Field data collection forms are included in Appendix A, chain-of-custody forms are included in Appendix B, and the laboratory analytical reports are included in Appendix C.

Background/Outdoor Air Sampling

Outdoor ambient air samples were collected from upwind, downwind, and crosswind locations of the Manufacturing Building (Figure 3.1-3). The samples were collected simultaneously with the indoor air samples to evaluate the potential influence, if any, from outdoor air on the indoor air sampled. The outdoor air samples were collected from the breathing zone (i.e., 4 to 6 feet ags) and away from any obvious sources of volatile chemicals. The outdoor air samples were collected in the same manner as the indoor air samples, over a 24-hour period, using a 1-liter Summa® canister. PID readings were documented before sample collection.

Upon completion of the background/outdoor air sampling, the Summa® canisters were labeled, capped, and placed in the shipping container supplied by the laboratory. Each air sample was submitted for VOC analysis using USEPA Method TO-15 at a fixed off-site laboratory. Standard chain-of-custody protocols were maintained. Field data collection forms are included in Appendix A, chain-of-custody forms are included in Appendix B, and the laboratory analytical reports are included in Appendix C.

Building Inventory Survey

Chemicals and products used or stored at each localized sample area were inventoried and documented to provide an accurate assessment of the potential contribution of volatile chemicals stored and/or used in the vicinity of each sample location. In addition, the type of structure, floor layout, airflow (using a smoke test kit), and physical condition of the sample area being studied was documented to identify any conditions that may have impacted sample results. A NYSDOH Indoor Air Quality Questionnaire and Building Inventory form was completed for locations inside of the Manufacturing Building; these forms are included in Appendix D.

Airflow testing was conducted during non-working times using a smoke test kit. Pressure gradient observations (positive or negative pressure) were documented. The air flow testing results were used for comparison of pressure gradients relative to the heating, ventilation, and air conditioning (HVAC) system and to determine the potential for vapor intrusion.

3.1.1.3 Groundwater Sampling of Existing Monitoring Wells

Recommendations made in the *Long-Term Monitoring Activities and Soil Gas Investigation Letter Report* (AECOM, 2009a) included additional on-site and off-site groundwater sampling to monitor the potential migration of contaminants off site (including 1,4-dioxane). As a result, six on-site and four off-site monitoring wells were sampled in November 2010 (Figure 3.1-2). Before groundwater sampling began, monitoring wells were inspected for signs of tampering or other damage. Water in the protective casing or in the vaults around the monitoring well casing was removed prior to venting and purging.

Purge pump intakes were equipped with a positive foot check valve to prevent purged water from flowing back into the monitoring well. Purging and sampling was performed in a manner that minimizes aeration in the monitoring well bore and the agitation of sediments in the monitoring well and formation. Equipment was not allowed to free-fall into the monitoring wells.

Equipment Calibration

All water quality monitoring equipment was calibrated each day prior to use. The calibration of all field instruments was documented on the field equipment calibration forms and field logbooks.

Purging Prior to Sampling

Purging of monitoring wells was performed to evacuate stagnant groundwater in the monitoring wells which was not considered representative of the aquifer conditions. Purging was accomplished using an electric submersible pump for the on-site monitoring wells and a bladder pump for the off-site monitoring wells. The temperature, pH, specific conductivity, and turbidity was measured and documented on the monitoring well sampling form after removing each well volume during purging.

Groundwater sampling methods for the on-site monitoring wells followed protocols presented in the *Final Sampling and Analysis Plan* (Earth Tech, 1994) that was prepared for the RI conducted at AFP 59. The only change to the referenced protocols was the calculation of the well bore volume (WBV). Under the referenced protocols, a WBV was calculated using the diameter of the auger/drill rod used to drill the borehole (in this case 8 inches). Under the revised protocol (approved by the NYSDEC), the monitoring well casing diameter was used to calculate the WBV.

Micropurge was utilized for sampling the off-site monitoring wells. Micropurge is a low flow-rate monitoring well purging and sampling method that induces laminar (non-turbulent) flow in the immediate vicinity of the sampling pump intake, thus drawing groundwater directly from the sampled aquifer horizontally through the monitoring well screen and into the sampling device. Low-flow pumping rates associated with the micropurge technique are in the approximate range of 0.2 to 0.5 liters per minute (L/min). These low-flow rates minimize disturbance in the screened aquifer, resulting in: 1) minimal production of artificial turbidity and oxidation, 2) minimal mixing of chemically distinct zones, 3) minimal loss of VOCs, and 4) collection of representative samples while minimizing purge volume.

Sample Collection

At least three WBVs were removed from the on-site monitoring wells before they were sampled, and parameters were allowed to stabilize in the off-site monitoring wells using the micropurge procedure before they were sampled. Parameter stabilization was defined as follows: temperature ± 0.5°C, pH ±0.1 units, specific conductivity ±3 percent, oxidation-reduction potential ±10 millivolts, and turbidity ±10 nephelometric turbidity units (NTUs). Field equipment was calibrated in accordance with the manufacturer's specifications.

The samples were collected from the pump tubing using a slow, controlled pour down the side of a tilted sample vial to minimize volatilization. New polypropylene tubing was used for each monitoring well to prevent cross contamination. The 40-mL sample vial, pre-preservative (hydrochloric acid), was filled until a meniscus is visible and immediately sealed. When the bottle was capped, it was inverted and gently tapped to ensure air bubbles were not present in the vial. Vials with trapped air were refilled until bubbles were not present.

The following information was documented for each monitoring well as they were purged and sampled:

- Sample identification;
- Date and time of sample collection;
- Depth to water before and after purging;
- Well bore volume (for on-site wells only);
- Sounded total depth of the well;
- The condition of the well;

- Thickness of any non-aqueous layer;
- Field parameters such as pH, temperature, specific conductance, and turbidity;
- Identity of samplers;
- Sampling methods and devices; and
- Chain-of-custody protocols and records used to track samples from sampling point to analysis.

This information was encoded into Environmental Resources Program Information Management System (ERPIMS) files where required. Following sample collection, the labeled sample vials were placed in plastic bags and stored on ice in insulated coolers to cool the samples to 4ºC. Samples were analyzed for VOCs using USEPA Method SW8260B and for 1,4-dioxane using USEPA Method SW8270C at a fixed off-site laboratory. Standard chain-of-custody protocols were followed. Field data collection forms are included in Appendix A, chain-of-custody forms are included in Appendix B, and the laboratory analytical data reports are included in Appendix C.

3.1.1.4 Decontamination Procedures

The vapor sampling equipment used to collect indoor air and sub-slab vapor samples were re-usable Summa® canisters that were provided by the contracted laboratory. These canisters were laboratory cleaned, batch-certified; therefore, no decontamination procedures were required. New, unused Teflon®-lined polyethylene tubing was used at each location and was discarded after use.

Groundwater sampling pumps were cleaned with an Alconox® solution and rinsed with deionized water before, between, and after each use. New, unused, polyethylene tubing was utilized at each monitoring well and discarded after use.

3.1.1.5 Waste Handling

Aqueous waste (decontamination and purge water) were the only waste generated during this investigation. The following describes the procedures for handling and disposing of the aqueous waste. All aqueous waste manifests generated during the investigation are included in Appendix D.

All aqueous waste (decontamination and monitoring well purge water) was containerized in 55-gallon drums. Aqueous waste samples were collected from the drums and analyzed by a fixed laboratory for Toxicity Characteristic Leaching Procedure VOCs and semivolatile organic compounds. Based on the analytical results for the aqueous waste samples, the aqueous waste generated as part of the field investigation was characterized as non-hazardous. The aqueous waste was disposed of in accordance with applicable State and Federal regulations by a licensed waste disposal service.

3.1.1.6 Recordkeeping

Field records were maintained in sufficient detail to reconstruct sampling activities, measurement activities, and meet ERPIMS data up-loading requirements. Information pertinent to the field program for the VI investigation and existing monitoring well groundwater sampling was documented on appropriate field data collection forms, chain-of-custody forms, and/or in the daily field logbook.

3.1.2 Field Quality Assurance/Quality Control Program Description

The field QA/QC program included reviewing field records and field instrument calibrations, collecting field blanks and duplicate samples, and chain-of-custody procedures. The field QA/QC program followed the guidelines outlined in the *Final Quality Assurance Project Plan (QAPP) for the VI Investigation, Groundwater Monitoring Activities, and Well Abandonment at AFP 59* (AECOM, 2009b). Field QC samples were collected as part of the indoor air, sub slab vapor, and groundwater sampling efforts. Trip blanks, ambient blanks, and field duplicates were collected to assess the variability, precision, accuracy, and interferences in sample shipment, sample collection, and sample matrix effects. The various types of field blanks and field duplicates collected during the sampling efforts are discussed below.

3.1.2.1 Trip Blanks

The trip blanks consisted of a VOC sample vial filled in the off-site laboratory with American Society for Testing and Materials (ASTM) Type II reagent-grade water, transported to the sampling site, handled in the same manner as an environmental sample, and returned to the off-site laboratory for analysis. Trip blanks were not opened in the field. One trip blank accompanied each of the coolers that contained samples to be analyzed for VOCs using USEPA Method SW8260B at the off-site fixed laboratory.

A discussion of the compounds detected in the trip blanks and any associated data qualifiers are provided in the data quality review summaries (Appendix H).

3.1.2.2 Ambient Blanks

The ambient blanks consisted of ASTM Type II reagent-grade water poured into a VOC sample vial at the sampling site (in the same vicinity as the associated samples). They were handled in the same manner as environmental samples and transported to the off-site laboratory for analysis. Ambient blanks were used to assess the potential introduction of contaminants from ambient sources to the samples during sample collection. Ambient blanks were collected during the groundwater sampling effort.

A discussion of the compounds detected in the ambient blanks and any associated data qualifiers are provided in the data quality review summaries (Appendix H).

3.1.2.3 Field Duplicates

A field duplicate sample was a second sample collected at the same location as the original sample and analyzed at the off-site fixed laboratory. Field duplicates were collected in immediate succession using identical recovery techniques. The sample containers were assigned an identification number in the field such that they could not be identified (blind duplicate) as duplicate samples by the off-site fixed laboratory personnel performing the analysis. Field duplicates were collected (at a rate of approximately 10%) as a QA measure to evaluate the performance of the off-site fixed laboratory.

A discussion of the compounds detected in the field duplicates is provided in the data quality review summaries (Appendix H).

3.1.2.4 Equipment Blanks

Equipment blank samples were collected by pouring ASTM Type II reagent-grade water over sampling equipment used to collect groundwater samples at AFP 59. These samples were handled in the same manner as environmental samples and transported to the off-site fixed laboratory for analysis. Equipment blank samples were collected to verify the effectiveness of sampling equipment decontamination and to monitor the potential for cross contamination between samples.

A discussion of the compounds detected in the equipment blanks is provided in the data quality review summaries (Appendix H).

3.2 Laboratory Analyses

Analytical data generated as a result of the VI Investigation and existing monitoring well sampling were reported as AFCEE definitive data. A data review that included holding times, blank contamination comparisons, and surrogate recovery was performed. A review of field QC samples, field logs, and flagged associated data was also performed. The laboratory program and laboratory QA/QC are discussed below.

3.2.1 Analytical Program

Contracted fixed Laboratories performed the groundwater laboratory analyses and the sub-slab and indoor air analysis. Analytical procedures concerning sample preparation, analysis, and reporting were in accordance with the specified method and guidelines presented in the AFCEE *QAPP, Version 4.0* (USAF, 2006) and the project-specific *Final QAPP for the VI Investigation, Groundwater Monitoring Activities, and Well Abandonment at AFP 59* (AECOM, 2009b).

3.2.2 Laboratory Quality Assurance/Quality Control Program

Laboratory QA/QC focused on ensuring that each chemical measurement had the highest probability of achieving the standards for precision and accuracy defined in the method protocol. Laboratory data were reported and reduced according to guidelines presented in the AFCEE *QAPP, Version 4.0* (USAF, 2006) and the *Final QAPP for the VI Investigation, Groundwater Monitoring Activities, and Well Abandonment at AFP 59* (AECOM, 2009b). Data flags were applied to the analytical data by the laboratories. During the data review process, the analytical data, associated data flags, and assigned data qualifiers were reviewed as per the guidelines presented in the AFCEE *QAPP, Version 4.0* (USAF, 2006); the data quality review summaries for the laboratory are provided in Appendix H. The following data qualifiers were assigned to the data as a result of the data review process (and are defined below).

- **U** The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
- **UJ** Not detected, quantitation limit may be inaccurate or imprecise.
- **J** The analyte was positively identified, but the quantitation is estimation.
- **R** Unreliable result. Analyte may or may not be present in the sample. Supporting data necessary to confirm result.

3.2.2.1 Types of Laboratory Quality Control Samples

QC samples, such as laboratory control samples (LCSs) and method blanks, were evaluated and documented on a routine basis at the off-site fixed laboratory. Spike compound recoveries and surrogate recoveries were calculated, as appropriate, and these QC data were compared on an ongoing basis to laboratory-established control limits. National Institute of Standards and Technology-traceable standards were used for spiking compounds and surrogates. The various QC samples used to identify possible laboratory biases are discussed below.

Laboratory Control Samples. The LCS is analyte-free water for aqueous analyses spiked with all analytes listed in the QC acceptance criteria table in the AFCEE *QAPP, Version 4.0* (USAF, 2006) for the method. The LCS is spiked at a level less than or equal to the midpoint of the calibration curve for each analyte. The LCS is carried through the complete sample preparation and analysis procedure. The LCS is used to evaluate each AFCEE analytical batch and to determine if the method is in control. A QC failure of an analyte in any of the LCSs shall require appropriate corrective action including qualification of the failed analyte in all of the samples as required.

Matrix Spikes/Matrix Spike Duplicates. A matrix spike (MS) and matrix spike duplicate (MSD) is an aliquot of sample spiked with known concentrations of all analytes listed in the QC acceptance criteria table in the AFCEE *QAPP, Version 4.0* (USAF, 2006) for the method. The spiking occurs prior to sample preparation and analysis. Each analyte in the MS and MSD is spiked at a level less than or equal to the midpoint of the calibration curve for each analyte. The MS/MSD is used to document the bias of a method due to sample matrix.

The performance of each MS/MSD is evaluated against the QC acceptance limits in the data quality review summaries (Appendix H).

Surrogate Compounds. Surrogates are organic compounds that are similar to the target analyte(s) in chemical composition and behavior in the analytical process, but that are not normally found in environmental samples. Surrogates are used to evaluate accuracy, method performance, and extraction efficiency.

The percent recovery of each surrogate compound is evaluated against the QC acceptance limits in the data quality review summaries (Appendix H).

Method Blanks. A method blank is an analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank is carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

A discussion of the compounds detected in the method blanks and any associated data qualifiers are provided in the data quality review summaries (Appendix H).

3.2.2.2 Frequency of Quality Control Samples

Frequencies and acceptance criteria for LCSs, MS/MSDs, surrogate spikes, method blanks, and field duplicates for methods used by Test America Laboratories are provided in the *Final QAPP for the VI Investigation, Groundwater Monitoring Activities, and Well Abandonment at AFP 59* (AECOM, 2009b).

3.2.3 Data Validation

The following provides a data QA summary of the data quality and usability of the definitive-level analytical data from sub-slab and indoor air samples collected for the VI study at AFP 59. Sample analyses were conducted by a contracted fixed laboratory.

Data validation was completed on 10% of the analytical results for USEPA Method TO-15, and comprehensive data checks were completed on the remaining 90% of the USEPA Method TO-15 analytical results. The validation was performed utilizing guidelines and procedures outlined in the *EPA Contract Laboratory Program National Functional Guideline for Organic Data Review* (EPA-540/R-99/008, October 1999). The reviewer's professional judgment was used to evaluate data quality when called for in the Functional Guidelines and in instances with no clear policy or conflicting guidance on how the data should be qualified. The data validation process was performed by a senior chemist.

The data review and validation performed on the entire definitive-level data set for air VOCs via USEPA Method TO-15 indicate an overall high quality for the definitive-level data collected for this project. Results qualified as estimated or rejected are generally for VOCs that are not COCs for this project, and the qualifications do not significantly affect project objectives.

4 Decision Criteria for Groundwater, Sub-slab Vapor, Indoor Air, and Outdoor Air Samples

The following describes the decision criteria that were used to evaluate analytical results from sub-slab vapor, indoor air, and outdoor air samples (Section 4.1), and from groundwater samples (Section 4.2) collected during the investigation conducted in 2009–2010 at AFP 59.

4.1 Sub-slab Vapor, Indoor Air, and Outdoor Air Samples

This section describes the criteria that are used in Section 5, Nature and Extent of Contamination, to evaluate and compare the analytical results of sampling conducted in August 2009 and August 2010 for the VI investigation of the Manufacturing Building. In August 2009, co-located indoor air/sub-slab sampling was conducted in accordance with the NYSDOH *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006) at the Manufacturing Building. Analysis of the August 2009 VI data indicated that concentrations of COCs were higher in both the sub-slab and indoor air samples than at any other time of year. Because of this, an additional round of sub-slab and indoor air samples were collected in August 2010 in order to complete a comparative analysis and evaluate possible causes of temporal changes in the concentration of COCs while eliminating seasonal variation. Outdoor air samples were concurrently collected during both rounds to determine whether VOCs may be migrating to indoor air from outdoor sources. Samples collected were analyzed using USEPA Method TO-15 at an off-site, fixed laboratory.

The following discusses the methodology used to evaluate analytical results from the VI investigation conducted at the Manufacturing Building at AFP 59. The goals of this evaluation are:

- To determine the VOCs present in the investigated media (sub-slab vapor, indoor air, and outdoor air);
- To determine the likely sources of the detected VOCs; and
- To identify current and potential future human exposures and whether these exposures require actions to address potential unacceptable risks.

The goal of collecting sub-slab vapor, indoor air, and outdoor air samples is to identify current and potential future exposures. Sub-slab vapor samples are used to characterize the nature and extent of subsurface vapor contamination and identify current (in conjunction with indoor/outdoor air samples) and potential future exposures associated with soil vapor intrusion, indoor air samples are used to assess current exposures to volatile chemicals in indoor air, and outdoor air samples are used primarily to evaluate the extent to which outdoor air may be contributing to levels of VOCs in indoor air as well as to determine whether outdoor air conditions present a potential concern.

The results of sub-slab vapor, indoor air, and outdoor air sampling were reviewed holistically, while considering several additional factors such as: the nature and extent of contamination in all environmental media; site-specific and building-specific factors that affect vapor migration and intrusion; sources of volatile chemicals; completed or proposed remedial actions; background levels of volatile chemicals in air; relevant standards, criteria and guidance values; and past, current and future land uses.

4.1.1 Decision Matrices

To aid in the evaluation of sub-slab vapor and indoor air sampling results, NYSDOH, in conjunction with other agencies, has developed decision matrices that serve as risk management tools to provide guidance regarding actions that should be taken to address current and future potential exposures from soil vapor intrusion. Specifically, NYSDOH has developed two matrices to be used as decision making tools when soil vapor may be entering buildings: Matrix 1 (Table 4.1-1) was originally developed for TCE (the NYSDOH has also assigned carbon tetrachloride and vinyl chloride to Matrix 1); and Matrix 2 (Table 4.1-2) was originally developed for PCE (the NYSDOH has also assigned 1,1,1-TCA, cis-1,2-dichloroethene [cis-1,2-DCE], and 1,1-DCE to Matrix 2).

Actions recommended in the matrices are based on the relationship between sub-slab vapor concentrations and corresponding indoor air concentrations. The recommended actions are intended to address both current and potential future human exposures; the recommended actions include:

- **No further action:** Given that the compound was not detected in the indoor air sample and that the concentration detected in the sub-slab vapor sample is not expected to significantly affect indoor air quality, no additional actions are needed to address human exposures.
- **Take Reasonable and Practical Actions to Identify Source(s) and Reduce Exposures:** The concentration detected in the indoor air sample is likely due to indoor and/or outdoor sources rather than soil vapor intrusion given the concentration detected in the sub-slab vapor sample. Therefore, steps should be taken to identify potential source(s) and to reduce exposures accordingly (e.g., by keeping containers tightly capped or by storing volatile organic compound-containing products in places where people do not spend much time, such as a garage or outdoor shed). Resampling may be recommended to demonstrate the effectiveness of actions taken to reduce exposures.
- **Monitor:** Monitoring, including sub-slab vapor, basement air, lowest occupied living space air, and outdoor air sampling, is needed to determine whether concentrations in the indoor air or sub-slab vapor have changed. Monitoring may also be needed to determine whether existing building conditions (e.g., positive pressure HVAC systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined on a site-specific and building-specific basis, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.
- **Mitigate:** Mitigation is needed to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system, and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.
- **Monitor/Mitigate:** Monitoring or mitigation may be recommended after considering the magnitude of sub-slab vapor and indoor air concentrations along with building- and site-specific conditions.

4.1.2 Air Guideline Values

The NYSDOH has also developed air guideline values for several chemicals in indoor and outdoor air. The purpose of the air guideline values is to help aid decisions about the nature of the efforts to reduce exposures to these chemicals in indoor/outdoor air. For indoor air, the goal is to reduce exposures by reducing chemical levels in indoor air to as close to background as practical. The urgency to complete reasonable and practical actions to reduce indoor air exposures increases when indoor air levels exceed the air guideline values. The NYSDOH air guidelines are: methylene chloride (60 micrograms per cubic meter [µg/m^3]), PCE (100 µg/m^3), and TCE (5 µg/m^3); and for outdoor air only, polychlorinated biphenyls (1 µg/m^3) and tetrachlorodibenzo-p-dioxin equivalents (0.00001 µg/m^3).

VOC concentrations (TCE, PCE, 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, vinyl chloride, carbon tetrachloride, and methylene chloride) detected in indoor air samples collected at the Manufacturing Building are compared to the NYSDOH air guideline values in Section 5, Nature and Extent of Contamination.

4.1.3 Background Comparison for Indoor Air

Several studies have been conducted, both nationally and in the State of New York, to provide information on indoor and outdoor air background levels in a variety of settings (e.g., residential and commercial) (NYSDOH, 2006). Two background databases discussed and provided in the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006) are used in Section 5, Nature and Extent of Contamination. Specifically, VOC concentrations from indoor air samples collected at the Manufacturing Building are compared to background levels in air from the following databases:

- NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes

- EPA 2001: Building Assessment and Survey Evaluation Database

The Upper Fence values from the 2003 NYSDOH study and the 90th percentile values from the 2001 EPA study wereused as the background values for comparison with indoor air results detected in the Manufacturing Building.

4.2 Groundwater Samples

This section describes the criteria that are used in Section 5, Nature and Extent of Contamination, to evaluate the analytical results of groundwater sampling conducted at the on-site and off-site groundwater monitoring wells.

Monitoring of Potential Off-site Groundwater Migration. Recommendations made in the *Long-Term Monitoring Activities and Soil Gas Investigation Letter Report* (AECOM, 2009a) included additional on-site and of f-site groundwater sampling to monitor the potential migration of contaminants off site (including for 1,4-dioxane). As a result, groundwater samples were collected in November 2009 from six on-site monitoring wells and four off-site monitoring wells for analysis using USEPA Method SW8260B.

Decision Criteria for Groundwater Analytical Results. Analytical results from groundwater samples collected to evaluate off-site groundwater migration are compared to the groundwater quality standards in NYSDEC Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (NYSDEC, 1999) in Section 5, Nature and Extent of Contamination.

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5 Nature and Extent of Contamination

The analytical results generated during the VI investigation and the sampling of existing on-site and off-site monitoring wells are summarized in this section. Section 5.1 summarizes the results from the VI investigation of the Manufacturing Building, and Section 5.2 summarizes the results from the on-site and off-site groundwater sampling.

5.1 Vapor Intrusion Investigation – Manufacturing Building

The VI investigation of the Manufacturing Building was conducted in August 2010, for the purposes of comparison with the VI data collected in August 2009.

5.1.1 August 2010 VI Sampling Results

The August 2010 sampling event occurred from August 27, 2010 to August 29, 2010. Section 5.1.1.1 summarizes the results from the indoor air sampling, Section 5.1.1.2 summarizes the results from the sub-slab vapor sampling, Section 5.1.1.3 summarizes the results from the outdoor air sampling, and Section 5.1.1.4 provides conclusions from the August 2010 sampling event. The discussions focus on the seven VOCs (i.e., TCE, 1,1,1-TCA, vinyl chloride, PCE, carbon tetrachloride, cis-1,2-DCE,and 1,1-DCE) included in the NYSDOH guidance. In addition to the discussions related to the seven compounds, other significant detections are also summarized. Figure 3.1-1 illustrates the August 2010 sampling locations, Table 5.1-1 provides the August 2010 sampling results. Analytical data are included in Appendix C, and additional summary statistics are included in Appendix E.

5.1.1.1 Indoor Air Sampling Results

The results from the August 2010 indoor air sampling are summarized below. Figure 5.1-1 illustrates the TCE isoconcentration contours for the indoor air sample results. Table 5.1-2 provides summary statistics for the Indoor Air results (by compound) for the August 2010 sampling event.

- **TCE:** TCE was detected in all 66 indoor air samples (100%). TCE detections ranged from 0.43 µg/m^3 to 39.75 µg/m^3 (indoor air sample SL077), with a median concentration of 1.24 µg/m^3 and an average concentration of 2.24 µg/m^3. Three of the 66 TCE detections exceeded the industrial background concentration for indoor air of 4.2 µg/m^3 (USEPA, 2001).
- **1,1,1-TCA:** 1,1,1-TCA was detected in 4 of the 66 indoor air samples (approximately 6%). 1,1,1-TCA detections ranged from 0.71 µg/m^3 to 34.36 µg/m^3 (indoor air sample SL064), with a median concentration of 0.41 µg/m^3 and an average concentration of 0.95 µg/m^3. One 1,1,1-TCA detection (SL064) exceeded the industrial background concentration for indoor air of 20.6 µg/m^3 (USEPA, 2001).
- **Vinyl Chloride:** Vinyl chloride was not detected in any of the indoor air samples collected in August 2010.
- **PCE:** PCE was detected in 14 of the 66 indoor air samples (approximately 21%). PCE detections ranged from 0.68 µg/m^3 to 2.03 µg/m^3 (indoor air sample SL066), with a median concentration of 0.51 µg/m^3 and an average concentration of 0.62 µg/m^3. No PCE detections exceeded the industrial background concentration for indoor air of 15.9 µg/m^3 (USEPA, 2001).
- **Carbon Tetrachloride:** Carbon tetrachloride was detected in 60 of the 66 indoor air samples (approximately 91%). Carbon tetrachloride detections ranged from 0.25 µg/m^3 to 1.26 µg/m^3 (indoor air sample SL064), with a median concentration of 0.5 µg/m^3 and an average concentration of 0.45 µg/m^3. No carbon tetrachloride detections exceeded the industrial background concentration for indoor air of 1.3 µg/m^3 (USEPA, 2001).
- **Cis-1,2-DCE:** Cis-1,2-DCE was detected in 9 of the 66 indoor air samples (approximately 14%). cis-1,2-DCE detections ranged from 0.4 µg/m^3 to 1.55 µg/m^3 (indoor air sample SL009), with a median concentration of 0.3 µg/m^3, and an average concentration of 0.36 µg/m^3. None of the cis-1,2-DCE detections exceeded the industrial background concentration for indoor air of 1.9 µg/m^3 (USEPA, 2001).

- **1,1-DCE:** No 1,1-DCE was detected in any of the indoor air samples collected in August 2010.
- **Methylene Chloride:** Methylene chloride was detected in 28 of the 66 samples (approximately 42%). Methylene chloride detections ranged from 0.56 µg/m^3 to 2.22 µg/m^3 (indoor air sample SL106), with a median concentration of 0.26 µg/m^3 and an average concentration of 0.59 µg/m^3. None of the methylene chloride detections exceeded the industrial background concentration for indoor air of 10.0 µg/m^3 (USEPA, 2001).

In addition to the above chemicals, some additional chemicals were detected at elevated concentrations including:

- **n-Hexane** (51 out of 66 samples; maximum detection of 22.9 µg/m^3 at SL091);
- **2-Butanone** (60 out of 66 samples; maximum detection of 82.54 µg/m^3 at SL105);
- **Acetone** (66 out of 66 samples; maximum detection of 90.23 µg/m^3 at SL014);
- **Isopropyl Alcohol** (66 out of 66 samples; maximum detection of 761.63 µg/m^3 at SL035); and
- **Toluene** (66 out of 66 samples; maximum detection of 320.19 µg/m^3 at SL105).

5.1.1.2 Sub-Slab Vapor Sampling Results

The results from the August 2010 sub-slab vapor sampling are summarized below. The USEPA has established no industrial background values for sub-slab vapor, so the sub-slab vapor results were not evaluated to any standards. At one location, SL090, a faulty regulator prevented the collection of a sub-slab sample; therefore, only 65 sub-slab samples were collected. Figure 5.1-2 illustrates TCE isoconcentration contours for the sub-slab vapor samples.

- **TCE:** TCE was detected in all 65 sub-slab samples (100%). TCE detections ranged from 0.75 µg/m^3 to 5,371.52 µg/m^3 (sub-slab vapor sample SL084), with a median concentration of 22.02 µg/m^3 and an average concentration of 261.6 µg/m^3.
- **1,1,1-TCA:** 1,1,1-TCA was detected in 62 of the 65 sub-slab samples (approximately 95%). 1,1,1-TCA detections ranged from 0.87 µg/m^3 to 3,326.9 µg/m^3 (sub-slab vapor sample SL118) with a median concentration of 44.18 µg/m^3 and an average concentration of 220.2 µg/m^3.
- **Vinyl Chloride:** Vinyl chloride was detected in 3 of the 65 sub-slab samples (approximately 5%). Vinyl chloride detections ranged from 0.26 µg/m^3 to 0.46 µg/m^3 (sub-slab vapor sample SL072) with a median concentration of 0.19 µg/m^3 and an average concentration of 0.208 µg/m^3.
- **PCE:** PCE was detected in 38 of 65 sub-slab samples (approximately 59%). PCE detections ranged from 0.75 µg/m^3 to 48.14 µg/m^3 (sub-slab vapor sample SL010) with a median concentration of 1.02 µg/m^3 and an average concentration of 3.607 µg/m^3.
- **Carbon Tetrachloride:** Carbon tetrachloride was detected in 63 of 65 sub-slab samples (approximately 97%). Carbon tetrachloride detections ranged from 0.25 µg/m^3 to 282.99 µg/m^3 (sub-slab vapor sample SL009) with a median concentration of 0.94 µg/m^3 and an average concentration of 10.91 µg/m^3.
- **Cis-1,2-DCE:** Cis-1,2-DCE was detected in 28 of the 65 sub-slab samples (approximately 43%). cis-1,2-DCE detections ranged from 0.4 µg/m^3 to 253.65 µg/m^3 (sub-slab vapor sample SL084), with a median concentration of 0.3 µg/m^3 and an average concentration of 5.74 µg/m^3.
- **1,1-DCE:** 1,1-DCE was detected in 6 of the 65 samples (approximately 9%). 1,1-DCE detections ranged from 0.44 µg/m^3 to 21.8 µg/m^3 (sub-slab vapor samples SL046 and SL118), with a median concentration of 0.3 µg/m^3 and an average concentration of 1.34 µg/m^3.
- **Methylene Chloride:** Methylene chloride was detected in 59 of the 65 samples (approximately 91%). Methylene chloride detections ranged from 0.42 µg/m^3 to 7.64 µg/m^3 (sub-slab vapor sample SL064), with a median concentration of 0.87 µg/m^3 and an average concentration of 1.4 µg/m^3.

In addition to the above chemicals, some additional chemicals were detected at elevated concentrations including:

- **n-Hexane** (44 out of 65 samples; maximum detection of 38.75 µg/m^3 at SL087);
- **m,p-Xylene** (64 out of 65 samples; maximum detection of 65.11 µg/m^3 at SL105);
- **trans-1,2-Dichloroethene** (11 out of 65 samples; maximum detection of 79.27 µg/m^3 at SL084);
- **1,1-Dichloroethane** (19 out of 65 samples; maximum detection of 80.91 µg/m^3 at SL055);
- **Trichlorofluoromethane** (64 out of 65 samples; maximum detection of 101.09 µg/m^3 at SL023);
- **2-Butanone** (63 out of 65 samples; maximum detection of 206.35 µg/m^3 at SL105);
- **Isopropyl alcohol** (65 out of 65 samples; maximum detection of 712.49 µg/m^3 at SL109);
- **Toluene** (65 out of 65 samples; maximum detection of 828.72 µg/m^3 at SL105);
- **Freon 113** (60 out of 65 samples; maximum detection of 1,149.07 µg/m^3 at SL112); and
- **Acetone** (65 out of 65 samples; maximum detection of 1,377.18 µg/m^3 at SL087).

5.1.1.3 Outdoor Air Sampling Results

Six outdoor air samples were collected from 3 locations on August 27th and 28th, 2010. The results from the August 2010 outdoor air sampling are summarized below. Figure 3.1-3 illustrates the outdoor air sample locations.

- **TCE:** TCE was detected in all 6 of the outdoor air samples (100%). TCE detections ranged from 0.75 µg/m^3 to 1.4 µg/m^3 (outdoor air samples SL00A-OA-05N-1 and S L00B-OA-05N-2). The industrial background concentration for outdoor air is 1.3 µg/m^3 (USEPA, 2001).
- **1,1,1-TCA:** 1,1,1-TCA was not detected in any outdoor air samples during the August 2010 sampling event.
- **Vinyl Chloride:** Vinyl chloride was not detected in any outdoor air samples collected during the August 2010 sampling event.
- **PCE:** PCE was detected in 2 of the 6 outdoor air samples collected (approximately 33%). PCE detections ranged from 0.68 µg/m^3 to 0.75 µg/m^3 (outdoor air sample SL00A-OA-05N-1).
- **Carbon Tetrachloride:** Carbon tetrachloride was detected in all 6 out door air samples (100%). Carbon tetrachloride detections ranged from 0.57 µg/m^3 to 0.63 µg/m^3 (outdoor air samples SL00A-OA-05N-2, SL00B-OA-05N-2, and S L00C-OA-05N-2). The industrial background concentration for outdoor air is 0.7 µg/m^3 (USEPA, 2001).
- **Cis-1,2-DCE:** Cis-1,2-DCE was not detected in any outdoor air samples collected during the August 2010 sampling event.
- **1,1-DCE:** 1,1-DCE was not detected in any outdoor air samples collected during the August 2010 sampling event.
- **Methylene Chloride:** Methylene chloride was not detected in any outdoor air samples during the August 2010 sampling event.

In addition to the above chemicals, some additional chemicals were detected at elevated concentrations, including:

- **Ethyl Acetate** (6 out of 6 samples; maximum detection of 7.2 µg/m^3 at SL00C);
- **1,2,4-Trimethylbenzene** (6 out of 6 samples; maximum detection of 10.81 µg/m^3 at SL00B);
- **m,p-Xylene** (6 out of 6 samples; maximum detection of 15.63 µg/m^3 at SL00C);
- **2-Butanone** (6 out of 6 samples; maximum detection of 18.28 µg/m^3 at SL00C);
- **Isopropyl Alcohol** (6 out of 6 samples; maximum detection of 23.59 µg/m^3 at SL00C);
- **n-Hexane** (3 out of 6 samples; maximum detection of 28.18 µg/m^3 at SL00C);

- **Toluene** (6 out of 6 samples; maximum detection of 35.41 µg/m^3 at SL00C); and
- **Acetone** (6 out of 6 samples; maximum detection of 125.85 µg/m^3 at SL00B).

5.1.1.4 Conclusions from the August 2010 Sampling Event

Based on the matrices provided in the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006), Table 5.1-3 provides the recommended action for each AFP 59 sampling location sampled in August 2010 for the seven chemicals listed in Section 5.1.1.4. It also provides an overall final recommended action based on the most conservative recommendation from each of the seven chemicals. The recommended actions for each sample locations are depicted on a Manufacturing Building site map in Figure 5.1-3. The conclusions from the August 2010 VI sampling event are based on the two NYSDOH matrices, although broader conclusions are drawn in Section 8.

Matrix 1:

- **TCE:** 24 of the 60 sample locations resulted in a recommended action of "Mitigate," 4 of the sample locations resulted in a recommended action of "Monitor/Mitigate," 14 of the sample locations resulted in a recommended action of "Monitor," 17 of the sample locations resulted in a recommended action of "Identify source(s) and reduce exposures," and one location (SL090) could not be evaluated because a sub-slab vapor sample could not be collected from this location.
- **Vinyl Chloride:** 59 of the 60 sample locations resulted in a recommended action of "No Further Action," and one location (SL090) could not be evaluated because a sub-slab vapor sample could not be collected from this location.
- **Carbon Tetrachloride:** 1 of the 60 sample locations resulted in a recommended action of "Mitigate," 2 of the sample locations resulted in a recommended action of "Monitor/Mitigate," 4 of the sample locations resulted in a recommended action of "Monitor," 48 of the sample locations resulted in a recommended action of "Identify source(s) and reduce exposures," 4 of the sample locations resulted in a recommended action of "No Further Action," and one location (SL090) could not be evaluated because a sub-slab vapor sample could not be collected from this location.

Matrix 2:

- **1,1,1-TCA:** 2 of the 60 sample locations resulted in a recommended action of "Mitigate," 16 of the sample locations resulted in a recommended action of "Monitor," 1 of the sample locations resulted in a recommended action of "Identify source(s) and reduce exposures," 40 of the sample locations resulted in a recommended action of "No Further Action," and one location (SL090) could not be evaluated because a sub-slab vapor sample could not be collected from this location.
- **PCE:** 59 of the 60 of the sample locations resulted in a recommended action of "No Further Action," and one location (SL090) could not be evaluated because a sub-slab vapor sample could not be collected from this location.
- **Cis-1,2-DCE:** 1 of the 60 sample locations resulted in a recommended action of "Monitor," 58 of the sample locations resulted in a recommended action of "No Further Action," and one location (SL090) could not be evaluated because a sub-slab vapor sample could not be collected from this location.
- **1,1-DCE:** 59 of the 60 sample locations resulted in a recommended action of "No Further Action," and one location (SL090) could not be evaluated because a sub-slab vapor sample could not be collected from this location.

A summary of the August 2010 sampling event by recommended action follows below:

- **Mitigate:** Sample results from 25 of the 60 sample locations resulted in this recommended action.
- **Monitor/Mitigate:** Sample results from 4 of the 60 sample locations resulted in this recommended action.
- **Monitor:** Sample results from 16 of the 60 sample locations resulted in this recommended action.

- **Identify Source(s) and Reduce Exposures:** Sample results from 14 of the 60 sample locations resulted in this recommended action.
- **No Further Action:** None of the sample results from the 60 sample locations resulted in this recommended action.

5.2 Groundwater Sampling Results from Existing Monitoring Wells

This section discusses the VOCs that were detected in the monitoring well groundwater samples collected in November 2010, including those samples collected from both on-site and off-site monitoring wells. Section 5.2.1 discusses the analytical results for groundwater samples collected from monitoring wells installed in the shallow zone of the aquifer, Section 5.2.2 discusses the analytical results for groundwater samples collected from monitoring wells installed in the deep zone of the aquifer, and Section 5.2.3 discusses concentration trends.

Groundwater samples were analyzed for VOCs using USEPA Method SW8260B and for 1,4-dioxane using USEPA Method SW8270C at an off-site fixed laboratory. Table 5.2-1 provides the analytical results for all groundwater samples collected during the November 2010 sampling event, while Figure 5.2.1 illustrates the VOCs detected in the on-site and off-site groundwater samples. Field data collection sheets are provided in Appendix A, chain-of-custody forms are provided in Appendix B, and analytical data are provided in Appendix C.

5.2.1 Shallow Zone of the Aquifer

Groundwater samples were collected from the following wells installed in the shallow zone of the aquifer: SW1, SW3, SW4, SW7, URS_2S and URS_5S. VOCs were detected in the groundwater samples collected from on-site monitoring wells SW3, SW4, and SW7, and from off-site monitoring wells URS_2S and URS_5S (see Figure 5.2-1).

The following VOCs were detected in the groundwater samples collected from the shallow on-site monitoring wells:

- **SW1:** 1,1,1-TCA at 0.11J micrograms per liter (µg/L); and toluene at 0.083J µg/L.
- **SW1 (Duplicate):** 1,1,1-TCA at 0.11J µg/L and toluene at 0.073J µg/L.
- **SW3:** 1,1,1-TCA at 0.41J µg/L; chloroform at 0.068J µg/L, cis-1,2-DCE at 0.17J µg/L, and TCE at 0.59J µg/L.
- **SW4:** 1,1,1-TCA at 1.6 µg/L; 1,1-dichloroethane (1,1-DCA) at 1.1 µg/L; 1,1-DCE at 0.64J µg/L; cis-1,2-DCE at 3.2 µg/L; methylene chloride at 0.28J µg/L; PCE at 0.2J µg/L; toluene at 0.096J µg/L; trans-1,2-DCE at 0.27J µg/L; TCE at 48 µg/L; and trichlorofluoromethane at 0.69J µg/L.
- **SW7:** 1,1,1-TCA at 1 µg/L; 1,1-DCA at 0.58J µg/L; 1,1-DCE at 0.21J µg/L; cis-1,2-DCE at 4.3 µg/L; PCE at 0.27J µg/L; trans-1,2-DCE at 0.096J µg/L; and TCE at 2.4 µg/L.

In addition to the VOC detections summarized above, 1,4-dioxane was also detected in the samples collected from monitoring wells, SW4, and SW7 at concentrations of 1.6 µg/L and 1.5 µg/L, respectively. 1,4-Dioxane was not detected in samples collected from SW1 or SW3.

The following VOCs were detected in the groundwater samples collected from the shallow off-site monitoring wells:

- **URS_2S:** 1,1-TCA at 2.2 µg/L; 1,1-DCA at 1.1 µg/L; 1,1-DCE at 0.37J µg/L; cis-1,2-DCE at 1.3 µg/L; toluene at 0.087J µg/L; and TCE at 2.6 µg/L.
- **URS_5S:** 1,1,1-TCA at 0.24J µg/L; chloroform at 0.057J µg/L; toluene at 0.079J µg/L; and TCE at 0.37J µg/L.

In addition to the VOC detections summarized above, 1,4-dioxane was also detected in the samples collected from monitoring wells URS_2S and URS_5S at a concentrations of 10 µg/L and 0.36J µg/L, respectively.

5.2.2 Deep Zone of the Aquifer

Groundwater samples were collected from the following wells installed in the deep zone of the aquifer: DW1, DW3, URS_2D and URS_3D. VOCs were detected in the groundwater samples collected from on-site monitoring wells

DW1 and DW3 and from off-site monitoring wells URS_2D and URS_3D (Figure 5.2-1). The following VOCs were detected in the groundwater sample collected from the deep on-site monitoring wells:

- **DW1:** 1,1,1-TCA at 0.18J µg/L.
- **DW3:** Acetone at 3.6J µg/L; cis-1,2-DCE at 8.4 µg/L, and toluene at 0.095J µg/L.

In addition to the VOC detections summarized above, 1,4-dioxane was also detected in the sample collected from monitoring well DW3 at a concentration of 3.3 µg/L. 1,4-Dioxane was not detected in the sample collected from monitoring well DW1.

The following VOCs were detected in the groundwater samples collected from the deep off-site monitoring wells:

- **URS_2D:** 1,1-DCE at 0.23J µg/L; cis-1,2-DCE at 69 µg/L; toluene at 0.095J µg/L, trans-1,2-DCE at 0.11J µg/L; and vinyl chloride at 0.22J µg/L.
- **URS_3D:** 1,1,1-TCA at 0.8J µg/L; 1,1-DCA at 0.11J µg/L; 1,1-DCE at 0.1J µg/L; chloroform at 0.084J µg/L; cis-1-2-DCE at 0.76J µg/L; toluene at 0.1J µg/L; and TCE at 1.4 µg/L.

In addition to the VOC detections summarized above, 1,4-dioxane was also detected in the samples collected from monitoring wells URS_2D, and URS_3D at concentrations of 29 µg/L, and 2.9 µg/L, respectively.

5.2.3 Trend Analysis

Table 5.2-2 presents concentrations of the most commonly detected chlorinated hydrocarbons in groundwater at AFP 59 over time. Only the monitoring wells that were sampled as part of this groundwater monitoring program are included in the Table 5.2-2. As summarized in Table 5.2-2 and the trend analysis plots presented in Appendix F, concentrations of the chlorinated VOCs have remained relatively constant or have decreased over time in most of the monitoring wells, with the one exception being monitoring well DW3. Concentrations of cis-1,2-DCE in DW3 have varied over time between non-detect and 73.1 µg/L (June 2008), with concentrations decreasing since June 2008. Concentrations in SW4 and SW7, historically the wells with the highest concentrations, have decreased from elevated detections in the mid 1990s to detections near or below the NYSDEC groundwater quality standards since 1999. In November 2010, 1,1,1-TCA, was detected in DW1 at 0.18J µg/L; this represents the first time a chlorinated VOC has been detected in this well since December of 1994. 1,1,1-TCA was also detected in SW1 at 0.11J µg/L; this represents the first time a chlorinated VOC has been detected in this well since November of 2001. None of the chlorinated VOC detections in these wells have ever exceeded the NYSDEC groundwater quality standards.

6 Vapor Intrusion Conceptual Site Model

The results of the August 2010 V I investigation do not in any way alter the VI Conceptual Site Model (CSM) developed after analysis of the results of the VI investigation that took place between July 2009 and February 2010. For a description of the VI CSM, please refer to Section 6 of the *Final Vapor Intrusion Investigation Report, Air Force Plant 59, Johnson City, New York* (AECOM, 2010).

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7 Remedial Alternatives

7.1 Technology Identification

The alternatives selected for the remediation of AFP 59 will focus on reducing TCE and the other chlorinated compounds detected in indoor air, sub-slab vapor, and groundwater beneath the facility. The alternatives selected for evaluation are discussed below and summarized in Table 7.1-1. Cost estimates for implementation of each remedy are also included in Table 7.1-1. These costs estimates were developed using Remedial Action Cost Engineering and Requirements (RACER) software. Supporting RACER documentation is provided in Appendix I.

7.1.1 Alternative 1: No Further Action

CERCLA requires that the No Further Action (NFA) alternative be evaluated to establish a baseline for comparison to other remedial alternatives. The screening of Alternative 1 is included in Table 7.1-1. While evaluation of the NFA alternative is required by CERCLA to establish a baseline to which all other alternatives will be compared. This alternative is not protective of human health or the environment and will require development of a Site Management Plan and establishment of Institutional Controls to limit property usage.

7.1.2 Alternative 2: Long Term Monitoring

Alternative 2, Long Term Monitoring (LTM) includes the monitoring of vapor and groundwater concentrations to determine the success of naturally occurring contaminant-reduction processes. Review of available monitoring data suggests that conditions may be favorable to the natural biodegradation of the chlorinated compounds detected in the groundwater and vapor samples. This Alternative would require a Site Management Plan, Five- Year Reviews and establishment of institutional controls. The institutional controls may be in the form of deed covenants or other legal instruments to prohibit potable use of groundwater and limit property usage.

The cost estimate for Alternative 2 was developed with the following scope:

- Annual monitoring of 30 co-located sub-slab vapor and indoor air locations and 3 outdoor air locations for 30 years. Estimated cost $2,683,824;
- Annual groundwater sampling of 8 monitoring wells for VOCs and 1,4-dioxane for 10 years. Estimated cost $178,028;
- Biennial groundwater sampling beginning in 2024 of 8 monitoring wells for VOCs and 1, 4-dioxane for 20 years. Estimated cost $303,440; and
- Five Year Reviews occurring in 2017, 2023, 2028, 2032, 2037, and 2042. Estimated cost $121,347.

The five-year review process would be required to assess whether original assumptions about exposure and potential risk remain true, and whether the alternative remains protective of human health and the environment. The five-year review process will also facilitate the evaluation and assessment of changes in contaminant concentrations over time and monitor the implementation, maintenance, and enforcement of institutional controls. Total costs for implementation of Alternative 2 over a 30-year lifespan is estimated at $3,286,639.

While some evidence of natural attenuation processes has been observed (formation of daughter products), the rate of contaminant reduction is too slow to ensure contaminant reduction to below action levels within a reasonable timeframe and preclude receptor exposure to harmful vapor concentrations. Even with the implementation of institutional controls, Alternative 2 is not considered protective of human health or the environment.

7.1.3 Alternative 3: Sub-Slab Depressurization

Alternative 3 addresses the indoor air and sub-slab vapor intrusion impacts to the building by establishing a negative pressure gradient beneath the building, capturing the contaminant laden vapor, treating the vapor stream, and venting of the treated air stream to the atmosphere. The movement of air beneath the building would effectively strip the contaminant form the unsaturated subsurface material. However, this alternative will have little direct effect on chlorinated compound in groundwater but by addressing the source materials in the unsaturated soil column, further impacts to groundwater would be mitigated and the natural biodegradation processes will have greater potential for success. This alternative will require the inclusion of LTM of groundwater, Long Term Operation and maintenance (LTO) of the vapor extraction/treatment system.

Alternative 3 is considered protective of human health and the environment because it has the potential to drastically reduce vapor contaminant concentrations and reduce the potential for further impacts to groundwater. This alternative will also include the LTM, five –year reviews, Site Management Plan, and institutional controls discussed in section 7.1.2.

The cost estimate for Alternative 3 was developed with the following scope:

- Design of the sub-slab depressurization system. Estimated cost $121,099;
- Remedial Action to include the installation and start-up of the sub-slab depressurization system. Estimated cost $1,425,335;
- O&M for Years 1 through 5 including carbon rebedding. Estimated cost $1,251,242;
- O&M for Years 6 through 10 including carbon rebedding. Estimated cost $954,653;
- O&M for Years 11 through 15 including carbon rebedding. with a total estimated cost of $923,524;
- O&M for Years 16 through 20 (no carbon rebedding required). Estimated cost $922,419;
- O&M for Years 21 through 25 (no carbon rebedding required). Estimated cost $922,419;
- O&M for Years 26 through 30 (no carbon rebedding required). Estimated cost $922,419;
- Annual monitoring of 30 co-located sub-slab vapor and indoor air locations and 3 outdoor air locations for 30 years. Estimated cost $2,683,824;
- Annual groundwater sampling of 8 monitoring wells for VOCs and 1,4-dioxane for 10 years. Estimated cost $178,028;
- Biennial groundwater sampling beginning in 2024 of 8 monitoring wells for VOCs and 1, 4-dioxane for 20 years. Estimated cost $303,440; and
- Five Year Reviews occurring in 2017, 2023, 2028, 2032, 2037, and 2042. Estimated cost $121,347.

Total costs for implementation of Alternative 3 over a 30-year lifespan is estimated at $10,729,749. This alternative is considered protective of human health and the environment.

7.1.4 Alternative 4: Building Demolition with Soil Excavation and Disposal

Alternative 4 includes the demolition of the buildings, collection of soil samples to target excavation activities, removal of all paved surfaces, excavation of contaminated soil identified from the soil sample analysis, backfilling the site with clean fill material to restore the grade, and seeding the entore site to establish a vegetative cover. The contaminated excavated material will require disposal at an off-site permitted facility. The final objective of this alternative is to achieve an unrestricted soil use designation.

Alternative 4 is considered protective of human health and the environment because it has the potential to drastically reduce vapor contaminant concentrations and reduce the potential for further impacts to groundwater. This alternative

will not require LTM of vapor, but will require a groundwater LTM program, five-year reviews, and institutional controls to limit the use of groundwater.

The cost estimate for Alternative 4 was developed with the following scope:

- Design of the demolition and excavation with a total estimated cost of $1,253,054;
- Demolition of the Manufacturing Building and the excavation and disposal of contaminated soil identified from sampling through the concrete pad prior to removal. An estimated total of 92,593 cubic yards of soil would be excavated and the site grade restored clean backfill and seeded to establish a vegetative cover. Estimated cost $20,515,203;
- Excavation of all soil above remedial action objectives outside the building footprint including the TCE hotspot (>1,000 ppb). A total estimated volume of 926 cubic yards will be removed with the assumption of 25% requiring hazardous material disposal. The site grade will be restored with clean fill material and seeded to establish a vegetative cover. This has an estimated cost of $235,602. Also the Demolition of the fire Suppression Reservoir and backfilling the remaining 10-foot deep hole with an estimated 1,334 cubic yards of clean fill material has an estimated cost of $465,395. This includes seeding to establish a vegetative cover;
- Removal of pavement surrounding the facility assuming 70% asphalt (6" thick) and 30% concrete (8" thick). Estimated cost $295,712;
- Annual groundwater sampling of 8 monitoring wells for VOCs and 1,4-dioxane for 10 years. Estimated cost $178,028;
- Biennial groundwater sampling beginning in 2024 of 8 monitoring wells for VOCs and 1, 4-dioxane for 20 years. Estimated cost $303,440; and
- Five Year Reviews occurring in 2017, 2023, 2028, 2032, 2037, and 2042. Estimated cost $121,347.

Total costs for implementation of Alternative 4 over a 30-year lifespan is estimated at $23,367,781. This option provides maximum protection of the groundwater. This alternative is considered protective of human health and the environment.

These costs estimates were developed using RACER software. Supporting RACER documentation is provided in Appendix I.

8 Conclusions and Recommendations

This section presents the conclusions and recommendations from the August 2010 VI investigation at AFP 59, a comparison of the August 2009 and August 2010 data, and the groundwater sampling of on-site and off-site monitoring wells. Conclusions are provided in Section 8.1, and recommendations are provided in Section 8.2.

8.1 Conclusions

8.1.1 Conclusions from the VI investigation of the Manufacturing Building

- A comparison of the August 2009 and August 2010 indoor air sampling data reveals that the presence of TCE in the indoor air of the Manufacturing Building is a continuing problem. TCE was detected in 98.3% and 100% of indoor air samples in August 2009 and 2010, respectively. The maximum concentration of TCE detected in August 2010 (39.75 µg/m^3) was comparable to the maximum TCE detection of August 2009 (35.99 µg/m^3). The average concentration of TCE in indoor air in August 2010 (2.24 µg/m^3) was, however, 49% lower than the average August 2009 concentration of TCE in indoor air (4.39 µg/m^3). In addition to this, only 4.6% of the August 2010 TCE detections in indoor air exceeded the USEPA industrial background concentration of 4.2 µg/m^3 in comparison to 42% of the August 2009 TCE detections in indoor air exceeding 4.2 µg/m^3.
- As observed in 2009, TCE continued to be the compound detected at the highest concentrations and frequencies in August 2010, and TCE overwhelmingly drove the most NYSDOH recommended actions of "Mitigate," "Monitor/Mitigate," or "Monitor." It is therefore the most significant VOC relative to VI.
- TCE was detected in all 6 of the August 2010 outdoor air samples, with the highest detections occurring in the two samples collected within the AFP 59 property boundary. While the maximum detection of 1.4 µg/m^3 is slightly greater than the EPA industrial background concentration for outdoor air (1.3 µg/m^3), it is significantly less than the concentrations of the three indoor air TCE detections exceeding the EPA industrial background concentration for indoor air (4.2 µg/m^3). This suggests that at most, outdoor air infiltration plays a minor role in the elevated concentrations of TCE observed inside the Manufacturing Building in August 2010.
- The maximum concentrations of TCE in outdoor air in August 2010 (1.4 µg/m^3) were significantly lower than the maximum concentration of TCE detected in outdoor air in August 2009 (4.57 µg/m^3), implying that the increased frequency of indoor air TCE detections in August 2009 relative to August 2010 may be related to infiltration of outdoor air with elevated concentrations of TCE into the Manufacturing Building.
- 1,1,1-TCA was detected at a lower frequency of indoor air samples in August 2010 relative to August 2009, however, the maximum August 2010 1,1,1-TCA detection of 34.36 µg/m^3 was an order of magnitude greater than the maximum August 2009 detection of 1.8J µg/m^3.
- In August 2010, carbon tetrachloride concentrations in indoor air increased relative to August 2009. In August 2010, 91% of the indoor air samples contained carbon tetrachloride as opposed to only 77% of the August 2009 samples. The maximum concentration of carbon tetrachloride in August 2010 was 1.26 µg/m^3, which is an order of magnitude greater than the August 2009 maximum of 0.88 µg/m^3. The median and average values of carbon tetrachloride in indoor air in August 2010 were 0.5 µg/m^3 and 0.45 µg/m^3, respectively, which were equal to the median and average August 2009 values of 0.5 µg/m^3, 0.45 µg/m^3, respectively. Because none of the August 2009 or 2010 detections of carbon tetrachloride exceeded the EPA's industrial background concentration for indoor air of 1.3 µg/m^3, carbon tetrachloride in the air of the Manufacturing Building is not considered to be a threat to human health.
- As observed in August 2009, 100% of the sub-slab vapor samples collected in August 2010 contained TCE; however, the concentrations of TCE in the August 2010 sample were, overall, greater than those found in the August 2009 samples. The maximum August 2010 detection of TCE in sub-slab vapor was 5,371.52 µg/m^3, which is significantly greater, but within the same order of magnitude than the maximum August 2009 detection of 1,888 µg/m^3. In addition to this, the median and average sub-slab TCE concentrations in August

2010 were 22.02 µg/m^3, and 261.6 µg/m^3, respectively. Both are significantly higher than the median and average sub-slab August 2009 TCE concentrations of 12.35 µg/m^3, and 73.44 µg/m^3, respectively. The August 2010 data confirm the high TCE concentrations detected in sub-slab vapor samples in August 2009.

- The elevated sub-slab concentrations of TCE suggest that sub-slab vapors may be intruding into the indoor air of the Manufacturing Building and contributing to the elevated indoor air TCE concentrations observed in August 2009 and August 2010.
- The maximum sub-slab TCE concentrations observed in August 2009 and 2010 were detected at locations SL076 and SL084, respectively. The maximum indoor air TCE concentrations observed in August 2009 and 2010 were detected at SL013 and SL077, respectively. With the exception of SL013, all of these locations are situated in close proximity to one another along the rose corridor between rooms R26 and R52. SL013 is located in the south-central portion of the building and it is important to note that although the August 2009 sub-slab concentration of TCE at this location was somewhat elevated at 59 µg/m^3, the sub-slab and indoor air concentrations of TCE at this location in August 2010 were very low, 2.52 µg/m^3, and 0.75 µg/m^3, respectively. This suggests that a source of TCE may be located beneath the slab along the central portion of the rose corridor, and that it may be contributing to VI. The high concentration of TCE detected in sub-slab and indoor air at SL013 in August 2009 may be due to a brief migration of TCE-contaminated sub-slab vapor to this point and/or contamination from an as yet undetermined background source.
- Sub-slab concentrations of 1,1,1-TCA observed in August 2010 are comparable to those of August 2009. In August 2010, 1,1,1-TCA was detected in 95% of the sub-slab vapor samples and was detected in 93% of samples collected in August 2009. In addition, the maximum 1,1,1-TCA sub-slab concentrations detected during August 2009 and 2010 were similarly elevated at 4,472.23J µg/m^3, and 3,326.9 µg/m^3, respectively. The median and average sub-slab 1,1,1-TCA concentrations detected in August 2010, 44.18 µg/m^3 and 220.2 µg/m^3, respectively, were also comparable to those of August 2009, 22.36 µg/m^3 and 246.9 µg/m^3, respectively.
- Although the high sub-slab 1,1,1-TCA concentrations in August 2009 and August 2010 may be contributing to the elevated indoor air concentrations of the contaminant observed during these months, 1,1,1-TCA contamination of indoor air does not currently pose a significant health risk in the Manufacturing Building as only one 2010 indoor air sample displayed a 1, 1,1-TCA concentration greater than the EPA's industrial background concentration for indoor air. No indoor air sample collected in August 2009 contained concentrations of 1,1,1-TCA greater than the industrial background for indoor air.
- The maximum sub-slab 1,1,1-TCA concentrations observed in August 2009 and 2010 were found at points SL088 and SL118, respectively. The maximum indoor air 1,1,1-TCA concentrations observed in August 2009 and 2010 were detected at locations SL023 and SL064, respectively. All of these locations are located within the eastern half the building suggesting that a sub-slab source of 1,1,1-TCA is present in that area and is possibly contributing to VI.
- While carbon tetrachloride was detected in sub-slab vapor at a higher frequency in August 2010 than in August 2009, the concentrations of carbon tetrachloride detected in the samples were similar for both sampling events. The maximum concentration of carbon tetrachloride detected in August 2010 was 282.99 µg/m^3, and the maximum detection in August 2009 was 402.28 µg/m^3. The median and average concentrations of carbon tetrachloride in August 2010 were 0.94 µg/m^3, and 10.91 µg/m^3, respectively, while the median and average concentrations of August 2009 were 0.75 µg/m^3, and 8.8 µg/m^3, respectively. Again, the elevated sub-slab concentrations of carbon tetrachloride in August 2009 and 2010 relative to those detected in samples collected in November 2009 and February 2010 suggest that sub-slab conditions lead to higher concentrations of VOCs in the sub-slab air during warmer weather.
- The maximum sub-slab concentrations of carbon tetrachloride detected in August 2009 and 2010 were detected at locations SL095 and SL009, respectively, and the maximum indoor air concentrations of carbon tetrachloride in August 2009 and 2010 were detected at SL014 and SL064, respectively. These locations are all located on the eastern side of the Manufacturing Building but are otherwise widely dispersed, suggesting that the carbon tetrachloride found in sub-slab vapor samples is not emanating from a discrete source area.

8.1.2 NYSDOH Guidance

As discussed in Section 4, the NYSDOH, in conjunction with other agencies, has developed decision matrices that serve as risk management tools to provide guidance about actions that should be taken to address current and future potential exposures via VI. Actions recommended in the matrices are based on the relationship between sub-slab vapor concentrations and corresponding indoor air concentrations for TCE, 1,1,1-TCA, vinyl chloride, PCE, carbon tetrachloride, cis-1,2-DCE, and 1,1-DCE. The recommended actions are intended to address both current and potential future human exposures.

The recommended actions varied between the August 2009 and 2010 sampling rounds because the relationship between sub-slab vapor and indoor air concentrations varied from sampling event to sampling event. In an effort to account for the variability from the sampling events, the most conservative recommended action for each location from both the events was selected. A discussion of the overall recommended actions by chemical in included in the following sections:

Matrix 1:

- **TCE:** 47 of the 60 sample locations resulted in either a recommended action of "Mitigate," 3 of the sample locations resulted in a recommended action of "Monitor," and 10 of the sample locations resulted in a recommended action of "Identify source(s) and reduce exposures."
- **Vinyl Chloride:** All 60 of the sample locations resulted in a recommended action of "No Further Action."
- **Carbon Tetrachloride:** 2 of the 60 sample locations resulted in a recommended action of "Mitigate," 1 sample location resulted in a recommended action of "Monitor/Mitigate," 6 of the sample locations resulted in a recommended action of "Monitor," 50 of the sample locations resulted in a recommended action of "Identify source(s) and reduce exposures," and 1 of the sample locations resulted in a recommended action of "No Further Action."

Matrix 2:

- **1,1,1-TCA:** 9 of the 60 sample locations resulted in a recommended action of "Mitigate," 14 of the sample locations resulted in a recommended action of "Monitor," 1 sample location resulted in a recommended action of "Identify source(s) and reduce exposures," and 36 of the sample locations resulted in a recommended action of "No Further Action."
- **PCE:** 11 of the 60 sample locations resulted in a recommended action of "Identify source(s) and reduce exposures," and 49 of the sample locations resulted in a recommended action of "No Further Action."
- **Cis-1,2-DCE:** 1 of the 60 sample locations resulted in a recommended action of "Monitor," 1 of the sample locations resulted in a recommended action of "Identify source(s) and reduce exposures," and 58 of the sample locations resulted in a recommended action of "No Further Action."
- **1,1-DCE:** All 60 of the sample locations resulted in a recommended action of "No Further Action."

A summary of the overall recommended actions for the points sampled in August 2009 and August 2010 follows below:

- **Mitigate:** 48 of the 60 sample locations resulted in this recommended action.
- **Monitor/Mitigate:** 0 of the 60 sample locations resulted in this recommended action.
- **Monitor:** 3 of the 60 sample locations resulted in this recommended action.
- **Identify Source(s) and Reduce Exposures:** 9 of the 60 sample locations resulted in this recommended action.
- **No Further Action:** 0 of the 60 sample locations resulted in this recommended action.

Therefore, if the NYSDOH guidance is strictly followed, nearly all of the locations sampled in August 2009 and 2010 require mitigation, with the locations distributed throughout the main Manufacturing Building. The majority of points not

requiring mitigation are mainly located in the northern region of the building, which houses a majority of the office space. A few of the locations that do not require mitigation are widely dispersed throughout the building; however, it should be noted that these locations are adjacent to locations for which the recommended action was "Mitigate," "Monitor," or "Identify source(s) and reduce exposures." The NYSDOH recommended actions for these sample locations are very conservative for the following reasons:

1. The recommended actions represent the most conservative actions for each location sampled in August 2009 and August 2010, so this is the worst-case scenario.
2. The NYSDOH recommended actions do not account for background contaminant sources, including TCE usage in the building and outdoor air surrounding AFP 59. Based on the outdoor air sampling results, it is possible that the outdoor air contributes to the indoor air concentrations of TCE and other COCs (TCE, PCE, carbon tetrachloride, and cis-1,2-DCE) which were commonly detected in outdoor air during the August 2009 and August 2010 sampling events.
3. Other applicable standards (e.g., Occupational Safety and Health Administration [OSHA] Permissible Exposure Limits [PELs]) may be more appropriate for AFP 59.

8.1.3 Other Standards

Because BAE currently uses TCE in the Manufacturing Building (in a laboratory inside Room 842), one of the following standards may be more appropriate than the NYSDOH guidance:

- The OSHA PEL of 100 parts per million (ppm) based on an 8-hour, time-weighted average (TWA);
- The National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit of 25 ppm based on a 10-hour TWA; or
- The American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value of 50 ppm based on an 8-hour TWA.

To convert an air concentration from ppm to $\mu g/m^3$, it is necessary to account for the molecular weight of the contaminant and the temperature and pressure of the system. Assuming an indoor and sub-slab air pressure of 1 standard atmosphere and a temperature of 25 °C, 100 ppm of TCE equals 537,050 $\mu g/m^3$. Given that the highest indoor air and sub-slab concentrations of TCE observed in August 2009 are 35.99 $\mu g/m^3$ and 1,888.03 $\mu g/m^3$, respectively, and those observed in August 2010 were 39.75 $\mu g/m^3$ and 5,371.52 $\mu g/m^3$, respectively, there would be no need to take any action related to the VI pathway based on the applicable OSHA, NIOSH, or ACGIH guidelines.

8.2 Groundwater Sampling of Existing Monitoring Wells

The VOCs detected in groundwater samples collected from shallow and deep monitoring wells during the November 2010 sampling event are similar to the VOCs that have been detected during previous sampling events. TCE, 1,1,1-TCA, 1,1-DCA, and cis-1,2-DCE were the most commonly detected contaminants during this sampling event. Historically, the highest concentrations of VOCs in the shallow zone of the aquifer at AFP 59 have been detected in groundwater samples collected from monitoring wells SW4 and SW7, which are located immediately downgradient of the Plating Room and the TCE-contaminated soil pile that was removed from the East Basement in July 2005 (two suspected sources of VOCs in groundwater). In November 2010, the highest concentrations of VOCs were again detected in SW4 and SW7. The concentrations of TCE in SW4 (48 μg/L) and cis-1,2-DCE in SW7 (5.21 μg/L) were the only VOC detections that exceeded New York State drinking water standards in any of the shallow monitoring wells. However, because no VOCs were detected above drinking water standards in monitoring well SW3, located along the western (downgradient) boundary of the site, groundwater in the shallow zone of the aquifer that migrates off site toward the Camden Street Well Field complies with drinking water standards.

In the deep monitoring wells, the only contaminant that exceeded New York State drinking water standards was cis-1,2-DCE in monitoring well DW3 (8.4 μg/L), located along the western (downgradient) boundary of the site. Therefore, based on the results of the groundwater sampling activities, groundwater exceeding drinking water standards is migrating beyond the AFP 59 property boundary in the deep zone of the aquifer.

The results of the on-site groundwater sampling were confirmed by the results of the off-site groundwater sampling conducted in November 2010. While no detections in the shallow off-site monitoring wells exceeded drinking water standards, the cis-1,2-DCE detection in deep monitoring well URS_2D (69 μg/L) did exceed drinking water standards.

8.3 Recommendations

While 48 of the 60 vapor sample locations require mitigation under the NYSDOH guidance values and chlorinated VOCs remain above New York State drinking water standards in groundwater, current and future land use supersedes the need for mitigation. Following the 2011 Hurricane Irene flooding of AFP 59, BAE systems vacated the facility and the facility currently remains vacant. Since the facility in now mapped within the floodplain of the Susquehanna River (Figure 1.2-3), USAF is considering permanent decommissioning of the facility. This may include demolition of all built structures and the creation of recreational space. This scenario would require remediation of the facility to recreational use standards and implementation of Remedial Alternative 4 (building demolition with soil excavation and disposal). While the costliest alternative, implementation of Remedial Alternative 4 would allow USAF to meet the required standards and meet the long-term goals for the site. Therefore, AECOM recommends implementation of Remedial Alternative 4.

Remedial action objectives protective of human health and the environment will be used for future excavation of BAE soils during implementation of Remedial Alternative 4. Applicable guidance such as those available through the New York State Department of Environmental Conservation (http://www.dec.ny.gov/regulations/67560.html) will be used. In general, objectives designed to prevent exposure to contaminants volatilizing from soil or prevent ingestion or direct contact with contaminated soils will be selected. Where applicable, risk-based concentrations (screening criteria) applicable to residential soils will be selected to include objectives that will prevent the migration of contaminants into groundwater or surface water.

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9 References

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Figures

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Map Location



AFP59 Property Boundary

Site Description:
Air Force Plant 59
Broome County, NY
Longitude – 75° 58' 23.39" W
Latitude – 42° 6' 52.162" N

N

Location and Vicinity Map, AFP 59

0 255 510 1,020 Feet

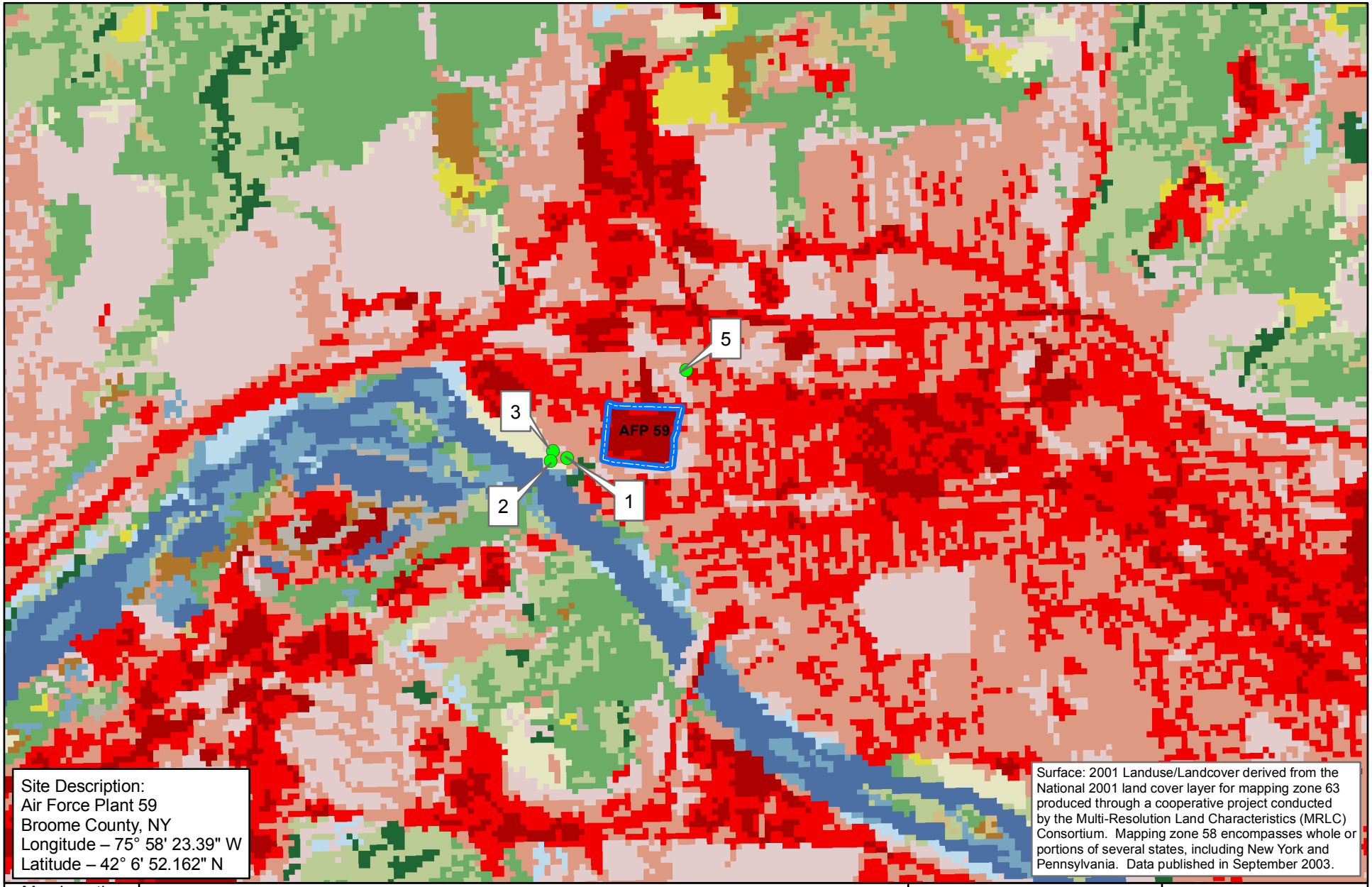
Image Source: 2008 NAIP Aerial Photos

AECOM

March 2011 | Figure 1.2-1

Cartography By: M.Kline

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Site Description:
Air Force Plant 59
Broome County, NY
Longitude – 75° 58' 23.39" W
Latitude – 42° 6' 52.162" N

Surface: 2001 Landuse/Landcover derived from the National 2001 land cover layer for mapping zone 63 produced through a cooperative project conducted by the Multi-Resolution Land Characteristics (MRLC) Consortium. Mapping zone 58 encompasses whole or portions of several states, including New York and Pennsylvania. Data published in September 2003.

Map Location



- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land (Rock/Sand/Clay)
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Grassland/Herbaceous
- Pasture/Hay
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands
- City Water Supply Well
- AFP59 Property Boundary

Location of AFP59 and Surrounding Land Use

N

0 750 1,500 3,000 Feet

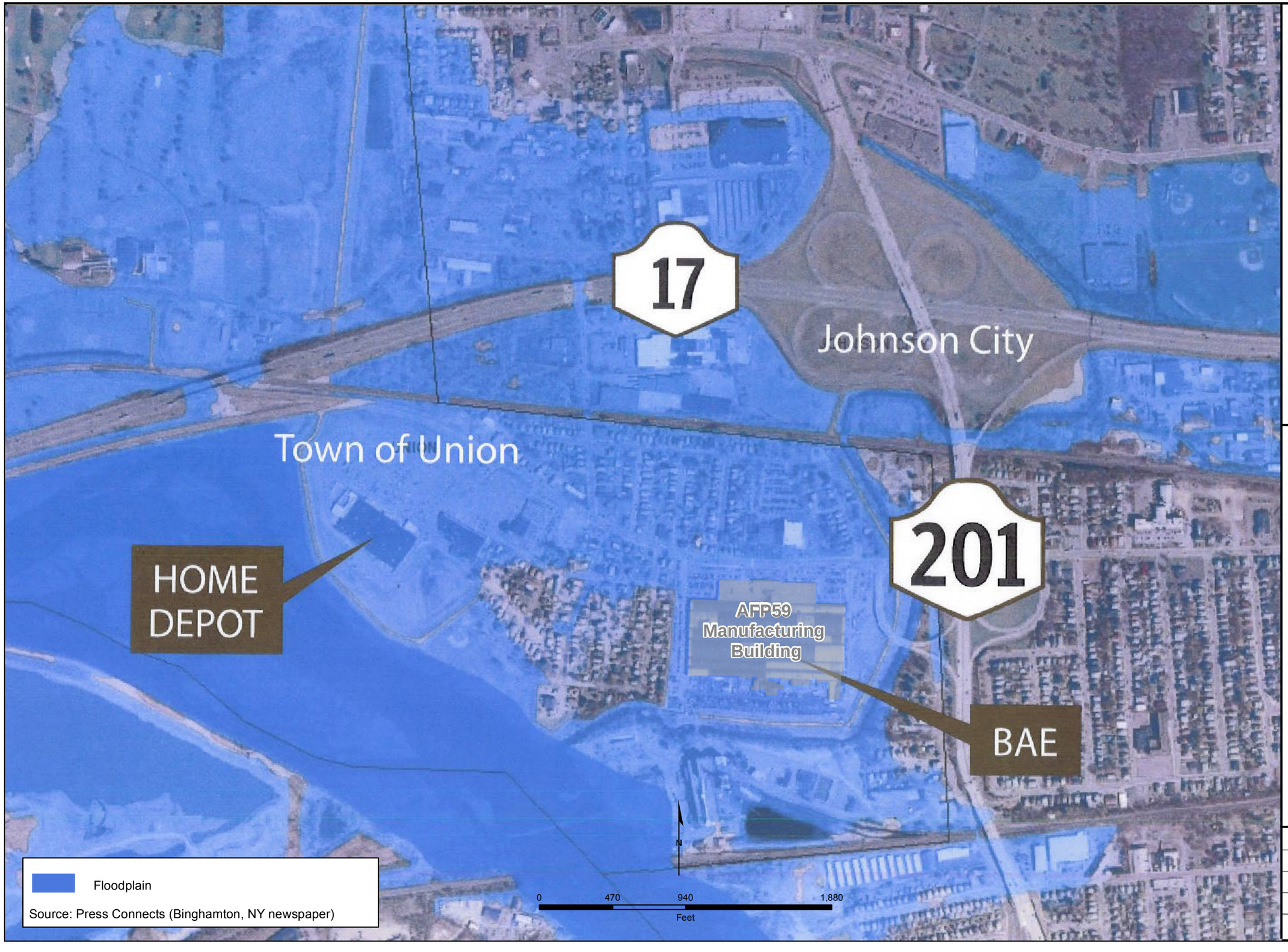
Image Source: 2008 NAIP Aerial Photos

AECOM

March 2011 | Figure 1.2-2

Cartography By: M.Kline

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AECOM

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

FIGURE 1.2-3
Susquehanna River
Floodplain Map

CONTRACT NO	TASK NO
FA8903-08-D-8770	0152
DESIGNED BY M.Kline	DRAWN BY M.Kline
CHECKED BY D. Parse	DATE 2011
SCALE	SHEET 1 of 1

Figure_1.2-3_Susquehanna_River_Floodplain_Map.mxd

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AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

FIGURE 3.1-1

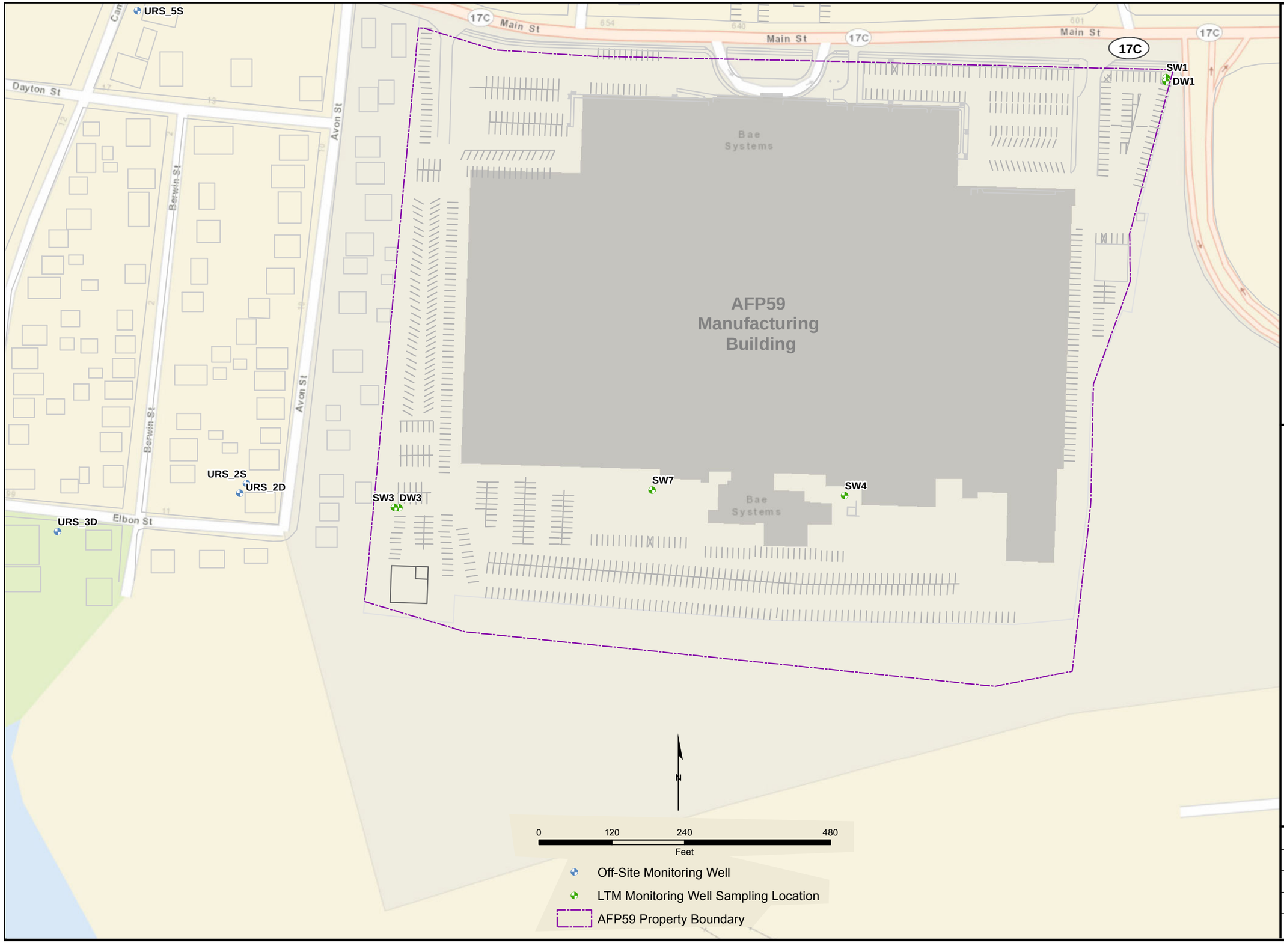
August 2010

Vapor Sample Locations

CONTRACT NO	TASK NO
FA8903-08-D-8770	0152
DESIGNED BY: M.Kline	DRAWN BY: M.Kline
CHECKED BY: D. Parse	DATE: March 2011
SCALE: 1" = 80'	SHEET: 1 of 1

Figure_3.1-1_August 2010_Vapor_Sample_Locations.mxd

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AECOM

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

FIGURE 3.1-2
Long Term Monitoring Groundwater Sampling Locations

CONTRACT NO FA8903-08-D-8770	TASK NO 0152
DESIGNED BY M.Kline	DRAWN BY M.Kline
CHECKED BY D. Parse	DATE 2011
SCALE 1" = 150'	SHEET 1 of 1

Fig_3.1-2_LongTermMonitoring GroundwaterSampling.mxd

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SL00C-OA

AFP59
Manufacturing
Building

SL00B-OA

SL00A-OA

Bae
Systems

Main St
17C
George St
Crocker Pl
5th St
Riverside Dr
201
Frederick St
Evelyn St
Camden St
Avon St
Berwin St
Elbon St
Taylor St

0 125 250 500
Feet

Outdoor Air Sample Location
AFP59 Property Boundary

N

AECOM

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

FIGURE 3.1-3
August 2010 Outdoor
Air Sample Locations

CONTRACT NO FA8903-08-D-8770	TASK NO 0152
DESIGNED BY M.Kline	DRAWN BY M.Kline
CHECKED BY D. Foley	DATE March 2011
SCALE 1" = 180'	SHEET 1 of 1

Figure_3.1-3_August_2010_Outdoor_Air_Sample_Locations.mxd

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SL058 0.43
SL074 0.81
SL072 1.13
SL065 0.7
SL064 3.6
SL069 1.34
SL066 2.85
SL063 1.07
SL091 1.34
SL062 1.24
SL090 0.81
SL004 0.48
SL095 2.15
SL055 3.12
SL103 1.29
SL046 2.36
SL084 1.93
SL106 1.34
SL118 3.49
SL054 1.13
SL052 2.9
SL041 1.56
SL088 0.91
SL078 1.02
SL109 0.64
SL086 1.24
SL094 1.24
SL044 1.13
SL043 2.2
SL108 0.75
SL076 1.56
SL077 39.75
SL032 1.67
SL031 0.91
SL042 0.91
SL098 0.91
SL027 1.07
SL035 2.52
SL087 0.86
SL099 0.7
SL112 1.29
SL030 2.15
SL101 1.45
SL107 0.59
SL023 0.64
SL025 1.29
SL111 5.16
SL022 2.95
SL010 1.45
SL013 0.75
SL003 4.19
SL105 2.42
SL016 3.17
SL002 1.07
SL079 1.18
SL009 7.52
SL006 2.74
SL005 0.91
SL011 0.97
SL014 1.02

TCE Indoor Air Concentrations

- 0.43 - 2.5 µg/m³
- 2.5 - 5 µg/m³
- 5 - 7.5 µg/m³
- 7.5 - 39.75 µg/m³

SL002 ! August 2010 Indoor Air Vapor Sample Location

1.07 TCE Indoor Air Concentration (µg/m³)

0 40 80 160 Feet

AECOM

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

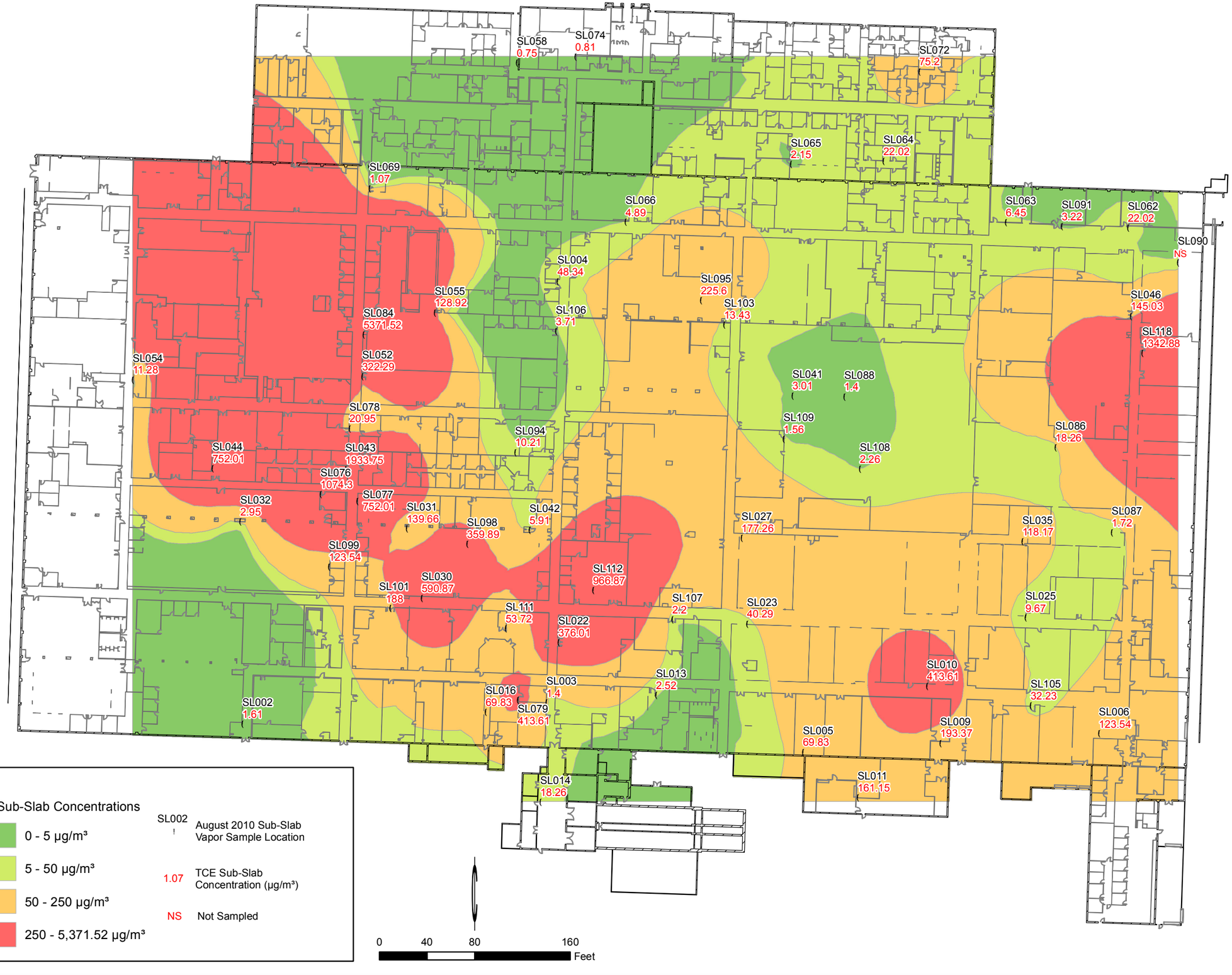
FIGURE 5.1-1

August 2010 Indoor Air
TCE Isoconcentration Contours

CONTRACT NO 60134438	TASK NO 04
DESIGNED BY M.Kline	DRAWN BY M.Kline
CHECKED BY D. Parse	DATE 2011
SCALE 1" = 80'	SHEET 1 of 1

Figure_x-x_Sub_Slab_August_2010_Indoor_Air_TCE_Isoconcentration_Contours.mxd

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AECOM

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

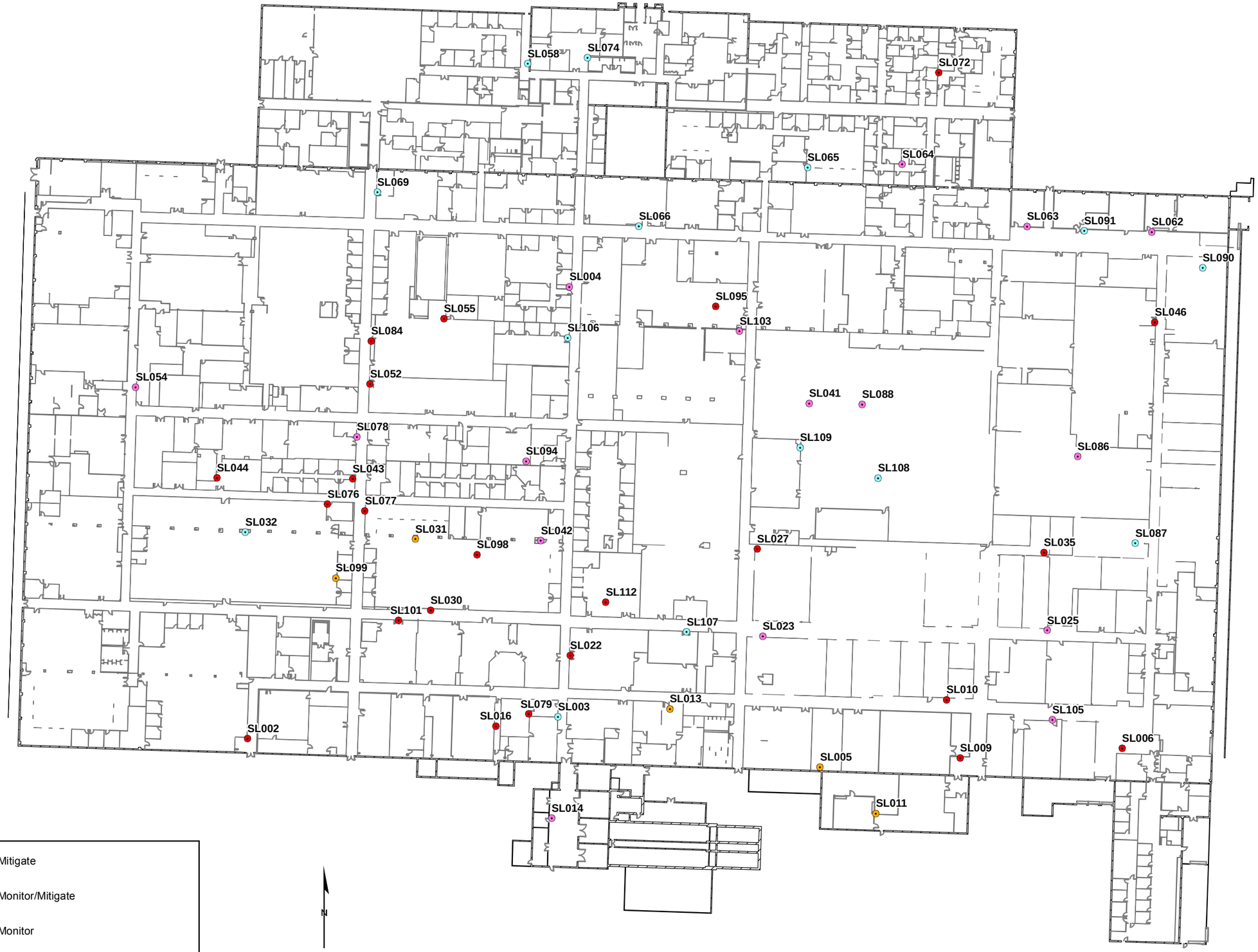
FIGURE 5.1-2

August 2010 Sub-Slab Vapor
TCE Isoconcentration Contours

CONTRACT NO	TASK NO
60134438	04
DESIGNED BY: M.Kline	DRAWN BY: M.Kline
CHECKED BY: D. Parse	DATE: 2011
SCALE: 1" = 80'	SHEET: 1 of 1

Figure_x-x_Sub_Slab_August_2010_Sub_Slab_Vapor_TCE_Isoconcentration_Contours.mxd

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Note: Only the August 2010 vapor samples are included in this figure.

AECOM

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

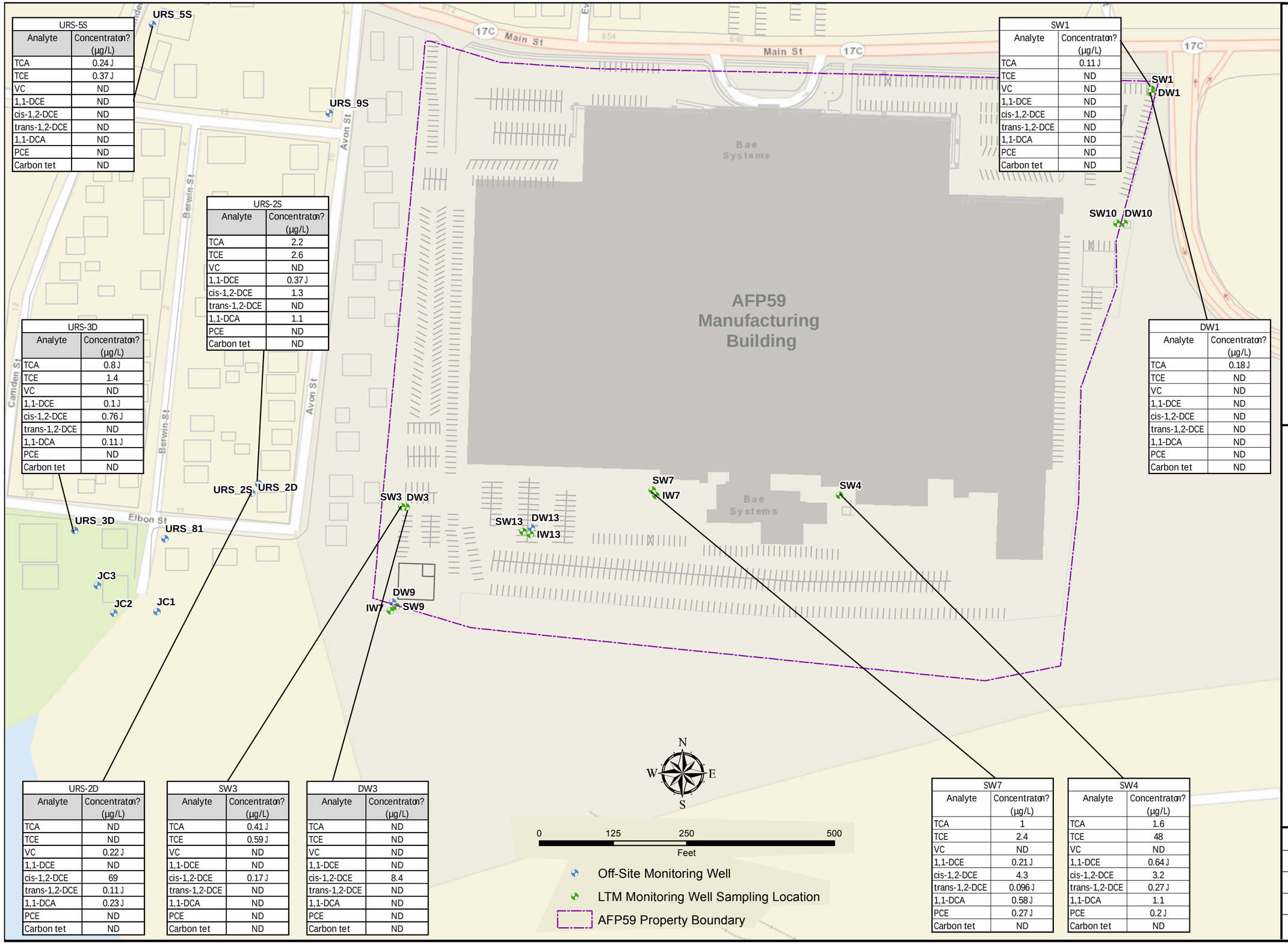
FIGURE 5.1-3

August 2010 Recommended Action based on NYSDOH Guidance

CONTRACT NO	TASK NO
60134438	04
DESIGNED BY M.Kline	DRAWN BY M.Kline
CHECKED BY D. Parse	DATE 2011
SCALE 1" = 80'	SHEET 1 of 1

Figure_5.1-3_Recommended_Action_Based_on_NYSDOH_Guidance.mxd

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URS-5S	
Analyte	Concentration (µg/L)
TCA	0.24 J
TCE	0.37 J
VC	ND
1,1-DCE	ND
cis-1,2-DCE	ND
trans-1,2-DCE	ND
1,1-DCA	ND
PCE	ND
Carbon tet	ND

URS-2S	
Analyte	Concentration (µg/L)
TCA	2.2
TCE	2.6
VC	ND
1,1-DCE	0.37 J
cis-1,2-DCE	1.3
trans-1,2-DCE	ND
1,1-DCA	1.1
PCE	ND
Carbon tet	ND

URS-3D	
Analyte	Concentration (µg/L)
TCA	0.8 J
TCE	1.4
VC	ND
1,1-DCE	0.1 J
cis-1,2-DCE	0.76 J
trans-1,2-DCE	ND
1,1-DCA	0.11 J
PCE	ND
Carbon tet	ND

SW1	
Analyte	Concentration (µg/L)
TCA	0.11 J
TCE	ND
VC	ND
1,1-DCE	ND
cis-1,2-DCE	ND
trans-1,2-DCE	ND
1,1-DCA	ND
PCE	ND
Carbon tet	ND

DW1	
Analyte	Concentration (µg/L)
TCA	0.18 J
TCE	ND
VC	ND
1,1-DCE	ND
cis-1,2-DCE	ND
trans-1,2-DCE	ND
1,1-DCA	ND
PCE	ND
Carbon tet	ND

URS-2D	
Analyte	Concentration (µg/L)
TCA	ND
TCE	ND
VC	0.22 J
1,1-DCE	ND
cis-1,2-DCE	69
trans-1,2-DCE	0.11 J
1,1-DCA	0.23 J
PCE	ND
Carbon tet	ND

SW3	
Analyte	Concentration (µg/L)
TCA	0.41 J
TCE	0.59 J
VC	ND
1,1-DCE	ND
cis-1,2-DCE	0.17 J
trans-1,2-DCE	ND
1,1-DCA	ND
PCE	ND
Carbon tet	ND

DW3	
Analyte	Concentration (µg/L)
TCA	ND
TCE	ND
VC	ND
1,1-DCE	ND
cis-1,2-DCE	8.4
trans-1,2-DCE	ND
1,1-DCA	ND
PCE	ND
Carbon tet	ND

SW7	
Analyte	Concentration (µg/L)
TCA	1
TCE	2.4
VC	ND
1,1-DCE	0.21 J
cis-1,2-DCE	4.3
trans-1,2-DCE	0.096 J
1,1-DCA	0.58 J
PCE	0.27 J
Carbon tet	ND

SW4	
Analyte	Concentration (µg/L)
TCA	1.6
TCE	48
VC	ND
1,1-DCE	0.64 J
cis-1,2-DCE	3.2
trans-1,2-DCE	0.27 J
1,1-DCA	1.1
PCE	0.2 J
Carbon tet	ND

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

FIGURE 5.2-1
November 2010
VOC's Detected In Groundwater
Monitoring Wells

CONTRACT NO	TASK NO
111886	
DESIGNED BY M.Kline	DRAWN BY M.Kline
CHECKED BY D. Parse	DATE 2011
SCALE 1" = 155'	SHEET 1 of 1

Figure_5.2-1_November_VOCs_Detected_In_Groundwater.mxd

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Tables

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Table 4.1-1: Soil Vapor/Indoor Air Matrix 1 (Carbon Tetrachloride, Trichloroethene, and Vinyl Chloride) – August 2010

	Indoor Air Concentration of Compound (mcg/m^3)			
Sub-Slab Vapor Concentration of Compound (mcg/m^3)	< 0.25	0.25 to < 1	1 to < 5.0	5.0 and above
< 5	1. No further action	2. Take reasonable and practical actions to identify source(s) and reduce exposures	3. Take reasonable and practical actions to identify source(s) and reduce exposures	4. Take reasonable and practical actions to identify source(s) and reduce exposures
5 to < 50	5. No further action	6. MONITOR	7. MONITOR	8. MITIGATE
50 to < 250	9. MONITOR	10. MONITOR / MITIGATE	11. MITIGATE	12. MITIGATE
250 and above	13. MITIGATE	14. MITIGATE	15. MITIGATE	16. MITIGATE

Table 4.1-2: Soil Vapor/Indoor Air Matrix 2 (1,1-Dichloroethene, cis-1,2-Dichloroethene, Tetrachloroethene, and 1,1,1-Trichloroethane) – August 2010

	Indoor Air Concentration of Compound (mcg/m^3)			
Sub-Slab Vapor Concentration of Compound (mcg/m^3)	< 3	3 to < 30	30 to < 100	100 and above
< 100	1. No further action	2. Take reasonable and practical actions to identify source(s) and reduce exposures	3. Take reasonable and practical actions to identify source(s) and reduce exposures	4. Take reasonable and practical actions to identify source(s) and reduce exposures
100 to < 1,000	5. MONITOR	6. MONITOR / MITIGATE	7. MITIGATE	8. MITIGATE
1,000 and above	9. MITIGATE	10. MITIGATE	11. MITIGATE	12. MITIGATE

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples
August 2010 Event

Location ID Date Sampled	SL002-IA 8/28/2010	SL002-SS 8/28/2010	SL002-SS (DUP) 8/28/2010	SL003-IA 8/28/2010	SL003-SS 8/28/2010	SL003-SS (DUP) 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**1472.56**	**1690.72**	0.82 U	0.82 UJ	**12 J**
1,1-Dichloroethane	0.61 U	**3.32**	**2.91**	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**1.87**	**12.28**	**13.27 J**	**3.29**	**2.01 J**	**3.05 J**
1,3,5-Trimethylbenzene	**1.03**	**3.54**	**3.69 J**	**1.13**	**0.64 J**	**0.84**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 UJ	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 U	1.08 U	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ
2,2,4-Trimethylpentane	**0.56 J**	0.7 U	0.7 U	**0.84**	**0.61 J**	**0.89**
2-Butanone	**2.42**	**3.24**	**2.48**	**3.54**	**1.36 J**	**4.42 J**
2-Hexanone	**0.61 J**	**0.74 J**	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	0.74 U	**4.18**	**4.23**	**0.59 J**	0.74 U	**0.49 J**
4-Methyl-2-pentanone	**0.94 J**	**1.02 J**	1.23 UJ	**0.9 J**	1.23 UJ	**2.17 J**
Acetone	**19.95 J**	**28.49 J**	**17.81 J**	**33.24 J**	**21.84 J**	**30.87 J**
Benzene	**0.45 J**	**1.98**	**1.5**	**0.7**	**0.67**	**0.99**
Carbon disulfide	**0.62**	**0.56**	**0.5**	0.47 U	0.47 U	**0.37 J**
Carbon tetrachloride	**0.31**	**0.25 J**	**0.31 J**	**0.57**	**0.69 J**	**0.69 J**
Chlorobenzene	0.69 U	0.69 U	0.69 UJ	0.69 U	0.69 UJ	**10.12 J**
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	**0.29 J**	**0.25 J**	0.31 U	**0.76 J**	0.31 UJ
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Cyclohexene	**0.34 J**	**0.45 J**	**0.41 J**	0.52 U	0.52 U	0.52 U
Dichlorodifluoromethane	0.74 U	**1.24**	**1.48**	0.74 U	0.74 UJ	**3.06 J**
Ethyl Acetate	0.9 U	0.9 U	0.9 U	0.9 U	**1.62**	**2.27**
Ethylbenzene	**0.52 J**	**8.68**	**7.38 J**	**0.78**	**0.48 J**	**1.95 J**
Freon 113	1.15 U	**65.88**	**55.16 J**	1.15 U	**0.77 J**	**4.21 J**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL002-IA 8/28/2010	SL002-SS 8/28/2010	SL002-SS (DUP) 8/28/2010	SL003-IA 8/28/2010	SL003-SS 8/28/2010	SL003-SS (DUP) 8/28/2010
Isopropyl alcohol	**56.51 J**	**31.94 J**	**22.36 J**	**46.68 J**	**12.04 J**	**98.27 J**
m,p-Xylene	**1.56**	**13.02 J**	**10.42 J**	**2.34**	**1.48 J**	**6.51 J**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	**0.76**	**0.76**	**0.76**	0.52 U	**1.01**	**0.97**
n-Heptane	0.61 U	**0.78**	**0.86**	**1.52**	0.61 UJ	**1.39 J**
n-Hexane	**1.44**	**3.24 J**	**2.15 J**	0.53 U	0.53 U	0.53 U
o-Xylene	**0.69**	**6.94**	**6.51 J**	**0.95**	**0.61 J**	**2.3 J**
Styrene	0.64 U	**1.62**	**1.36 J**	0.64 U	0.64 U	**1.06**
Tetrachloroethene	1.02 U	1.02 U	1.02 UJ	1.02 U	1.02 U	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**3.77**	**14.31**	**10.17 J**	**5.27**	**3.01 J**	**18.83 J**
trans-1,2-Dichloroethene	0.59 U	**0.44 J**	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**1.07**	**1.61**	**1.45**	**4.19**	**1.4 J**	**4.24 J**
Trichlorofluoromethane	**1.8**	**0.95**	**0.95**	0.84 U	**1.68**	**2.19**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.38 U	0.1 U	0.38 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL004-IA 8/28/2010	SL004-SS 8/28/2010	SL005-IA 8/27/2010	SL005-SS 8/27/2010	SL006-IA 8/27/2010	SL006-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**349.05**	0.82 U	**8.18**	0.82 U	**54.54**
1,1-Dichloroethane	0.61 U	**1.58**	0.61 U	**0.45 J**	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**4.13**	**1.77**	**5.9**	**1.67**	**3**	**6.39**
1,3,5-Trimethylbenzene	**1.52**	**0.98**	**2.21**	0.74 U	**0.93**	**1.97**
1,4-Dichlorobenzene	**0.72 J**	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 U	1.08 U	1.08 U	1.08 U	1.08 UJ	1.08 U
2,2,4-Trimethylpentane	**0.51 J**	0.7 U	**1.26**	0.7 U	**0.7**	**3.69**
2-Butanone	**3.54 J**	**1.47**	**7.37**	**1.89**	**8.84**	**12.38**
2-Hexanone	1.23 U	1.23 U	1.23 U	1.23 U	**0.78 J**	**0.74 J**
4-Ethyltoluene	**0.74**	0.74 U	**1.18**	0.74 U	**0.69 J**	**0.93**
4-Methyl-2-pentanone	**0.86 J**	1.23 U	**1.8**	1.23 U	**0.98 J**	**2.91**
Acetone	**23.74**	**15.91**	**47.49 J**	**15.67**	**28.49 J**	**42.74**
Benzene	**0.35 J**	**0.42 J**	**0.64**	0.48 U	**0.7**	**0.7**
Carbon disulfide	**0.44 J**	**0.47**	**0.53**	**0.72**	**0.34 J**	**0.4 J**
Carbon tetrachloride	**0.31**	**1.7**	**0.31**	**3.65**	**0.63**	**23.27**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	**0.63 J**	0.73 U	0.73 U	0.73 U	**1.12**
Chloromethane	**0.39 J**	0.31 U	0.31 U	0.31 U	0.31 U	**0.45**
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	**1.94**	0.59 U	0.59 U
Cyclohexene	**0.34 J**	**0.38 J**	**1.07**	0.52 U	0.52 U	**5.16**
Dichlorodifluoromethane	0.74 U	0.74 U	0.74 U	**2.08**	0.74 U	**3.16**
Ethyl Acetate	0.9 U	**0.76 J**	**2.81**	0.9 U	**2.85**	**4.68**
Ethylbenzene	**1.13**	0.65 U	**2.13**	**0.48 J**	**4.12**	**4.77**
Freon 113	1.15 U	**206.83**	1.15 U	**1.99**	**1.23**	**91.93**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL004-IA 8/28/2010	SL004-SS 8/28/2010	SL005-IA 8/27/2010	SL005-SS 8/27/2010	SL006-IA 8/27/2010	SL006-SS 8/27/2010
Isopropyl alcohol	**36.85 J**	**39.31**	**135.13 J**	**29.48**	**81.08 J**	**132.67 J**
m,p-Xylene	**3.26**	**1.09 J**	**6.08**	**1.52**	**16.93**	**16.49**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	**0.63**	**0.66**	**0.97**	0.52 U	0.52 U	**0.66**
n-Heptane	0.61 U	**0.45 J**	**0.78**	0.61 U	**0.7**	**1.35**
n-Hexane	**1.73**	**0.99**	**7.75**	**0.81**	0.53 U	**4.58**
o-Xylene	**1.48**	**0.56 J**	**2.34**	**0.69**	**5.64**	**6.94**
Styrene	**0.77**	0.64 U	**1.06**	0.64 U	0.64 U	0.64 U
Tetrachloroethene	1.02 U	1.02 U	1.02 U	**3.05**	1.02 U	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	**4.13**	0.44 U
Toluene	**6.4**	**3.73**	**9.04**	**1.96**	**26.74**	**48.97**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**0.48**	**48.34**	**0.91**	**69.83**	**2.74**	**123.54**
Trichlorofluoromethane	**2.02**	**1.91**	0.84 U	**4.04**	0.84 U	**2.19**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL009-IA 8/27/2010	SL009-SS 8/27/2010	SL010-IA 8/27/2010	SL010-SS 8/27/2010	SL011-IA 8/27/2010	SL011-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**507.22**	0.82 U	**87.26**	0.82 U	**21.27**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	**9.31**	0.61 U	**1.17**
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**7.86**	**4.62**	**4.32**	**6.88**	**4.18**	**4.91**
1,3,5-Trimethylbenzene	**2.41**	**1.23**	**1.23**	**2.01**	**1.52**	**1.72**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 U	1.08 UJ	1.08 U	1.08 U	1.08 U
2,2,4-Trimethylpentane	**0.93**	**1.21**	**0.89**	**0.51 J**	0.7 U	0.7 U
2-Butanone	**16.51**	**22.11**	**6.49**	**4.42**	**4.13**	**3.24**
2-Hexanone	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	**1.77**	**0.69 J**	**0.93**	**1.38**	**0.79**	**0.84**
4-Methyl-2-pentanone	**2.54**	**3.03**	**2.42**	**1.88**	**0.98 J**	**1.06 J**
Acetone	**61.74 J**	**45.11**	**30.87 J**	**28.49**	**30.87 J**	**23.74**
Benzene	**0.77**	**0.8**	**0.77**	**0.7**	**0.54**	**0.45 J**
Carbon disulfide	0.47 U	**0.56**	0.47 U	**0.56**	**0.44 J**	**0.53**
Carbon tetrachloride	**0.57**	**282.99**	**0.57**	**8.8**	**0.31**	**0.38 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	**3.95**	0.73 U	**3.56**	0.73 U	**0.88**
Chloromethane	0.31 U	**0.66**	0.31 U	0.31 U	0.31 U	**1.57**
cis-1,2-Dichloroethene	**1.55**	0.59 U	0.59 U	**38.84**	0.59 U	**7.93**
Cyclohexene	**4.47**	**6.88**	0.52 U	**2.58**	**0.55**	**0.48 J**
Dichlorodifluoromethane	0.74 U	**3.81**	0.74 U	**3.26**	0.74 U	**1.58**
Ethyl Acetate	**4.32**	0.9 U	**3.96**	**3.96**	0.9 U	0.9 U
Ethylbenzene	**2.65**	**2.43**	**1.65**	**1.61**	**0.78**	**1.26**
Freon 113	1.15 U	**842.65**	1.15 U	**30.64**	1.15 U	**52.09**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL009-IA 8/27/2010	SL009-SS 8/27/2010	SL010-IA 8/27/2010	SL010-SS 8/27/2010	SL011-IA 8/27/2010	SL011-SS 8/27/2010
Isopropyl alcohol	**208.83 J**	**218.66**	**240.77 J**	**105.65**	**206.38 J**	**51.59**
m,p-Xylene	**8.68**	**8.68**	**4.77**	**4.77**	**2.6**	**3.13**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	**0.73**	0.52 U	**1.56**	**1.04**	**2.5**
n-Heptane	**1.27**	**1.19**	**1.31**	**1.02**	**0.82**	0.61 U
n-Hexane	0.53 U	0.53 U	**4.93**	**3.49**	**1.87**	**1.94**
o-Xylene	**2.56**	**2.52**	**1.65**	**1.82**	**1**	**1.35**
Styrene	0.64 U	0.64 U	**0.94**	**1.15**	0.64 U	**0.47 J**
Tetrachloroethene	**1.08**	1.02 U	1.02 U	**48.14**	1.02 U	**12.88**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**45.2**	**79.1**	**21.85**	**10.17**	**7.16**	**6.4**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	**2.38**	0.59 U	**0.55 J**
Trichloroethene	**7.52**	**193.37**	**1.45**	**413.61**	**0.97**	**161.15**
Trichlorofluoromethane	0.84 U	**39.87**	0.84 U	**6.74**	**1.63**	**49.42**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL013-IA 8/27/2010	SL013-SS 8/27/2010	SL014-IA 8/28/2010	SL014-SS 8/28/2010	SL016-IA 8/28/2010	SL016-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	0.82 U	0.82 U	**10.91**	0.82 U	**14.73**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	**2.06**	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**7.86**	**2.75**	**3.59**	**5.41**	**2.65**	**2.41**
1,3,5-Trimethylbenzene	**2.31**	**1.43**	**1.08**	**1.38**	**0.79**	**0.79**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 U	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ
2,2,4-Trimethylpentane	**1.4**	0.7 U	**0.7**	**1.31**	**0.51 J**	**0.75**
2-Butanone	**5.6**	**1.8**	**7.07**	**5.01**	**2.86**	**3.54**
2-Hexanone	1.23 U	1.23 U	1.23 U	**0.53 J**	1.23 U	**0.41 J**
4-Ethyltoluene	**1.52**	0.74 U	**0.59 J**	**1.57**	**0.59 J**	**0.54 J**
4-Methyl-2-pentanone	**1.97**	1.23 U	**0.78 J**	**1.92 J**	**0.98 J**	**1.56 J**
Acetone	**35.62 J**	**23.27 J**	**90.23 J**	**45.11 J**	**23.51 J**	**45.11**
Benzene	**0.64**	**0.38 J**	**0.73**	**0.83**	**0.77**	**0.64**
Carbon disulfide	**0.44 J**	**0.4 J**	0.47 U	**0.84**	0.47 U	**0.34 J**
Carbon tetrachloride	**0.31**	**0.25 J**	**0.57**	**0.75 J**	**0.69**	**0.88 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	0.31 U	0.31 U	**0.41**	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	**0.44 J**	0.59 U	**2.93**	**0.83**	0.59 U
Cyclohexene	**1.24**	**0.38 J**	0.52 U	**3.37**	0.52 U	**2.24**
Dichlorodifluoromethane	0.74 U	0.74 U	0.74 U	**2.62**	**2.47**	**3.31**
Ethyl Acetate	**1.73**	**0.94**	0.9 U	**1.76**	**1.84**	0.9 U
Ethylbenzene	**2.69**	**0.43 J**	**2.69**	**2.17**	**1.09**	**0.82**
Freon 113	1.15 U	1.15 U	1.15 U	**19.15**	**0.92 J**	**37.54**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL013-IA 8/27/2010	SL013-SS 8/27/2010	SL014-IA 8/28/2010	SL014-SS 8/28/2010	SL016-IA 8/28/2010	SL016-SS 8/28/2010
Isopropyl alcohol	**58.96 J**	**95.82 J**	**61.42 J**	**95.82 J**	**41.77 J**	**81.08 J**
m,p-Xylene	**7.81**	**1.22 J**	**8.68**	**7.38**	**3.82**	**2.43**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	**0.9**	**0.94**	0.52 U	**1.98**	0.52 U	**0.69**
n-Heptane	**0.94**	0.61 U	0.61 U	**1.43**	**0.74**	0.61 U
n-Hexane	**7.75**	**1.69**	0.53 U	**1.94**	0.53 U	0.53 U
o-Xylene	**2.91**	**0.48 J**	**1.65**	**2.34**	**1.56**	**1**
Styrene	**1.41**	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
Tetrachloroethene	1.02 U	**1.69**	**0.81 J**	**1.42**	1.02 U	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**12.81**	**3.2**	**18.46**	**9.04**	**6.03**	**4.52**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**0.75**	**2.52**	**1.02**	**18.26**	**3.17**	**69.83**
Trichlorofluoromethane	**1.8**	**1.01**	0.84 U	**2.47**	**1.52**	**4.16**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL022-IA 8/28/2010	SL022-SS 8/28/2010	SL023-IA 8/27/2010	SL023-SS 8/27/2010	SL025-IA 8/27/2010	SL025-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**76.36**	0.82 U	**136.35**	0.82 U	**9.27**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**4.37**	**2.95**	**1.28**	**3.05**	**10.32**	**5.41**
1,3,5-Trimethylbenzene	**1.43**	**0.88**	**0.88**	0.74 U	**2.56**	**1.52**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 UJ	1.08 U
2,2,4-Trimethylpentane	**0.93**	**0.61 J**	0.7 U	0.7 U	**1.77**	**0.84**
2-Butanone	**3.54**	**2.48**	0.88 U	**2**	**12.38**	**3.83**
2-Hexanone	**0.98 J**	1.23 U	1.23 U	1.23 U	**0.57 J**	**0.49 J**
4-Ethyltoluene	**0.79**	**0.59 J**	0.74 U	**0.54 J**	**1.92**	**0.84**
4-Methyl-2-pentanone	**1.8 J**	**1.23 J**	**0.82 J**	**1.35**	**2.54**	**1.76**
Acetone	**87.85 J**	**47.49**	**37.99 J**	**30.87**	**66.48 J**	**33.24 J**
Benzene	**0.86**	**0.64**	**0.64**	**0.54**	**1.05**	**0.51**
Carbon disulfide	0.47 U	**0.47**	**0.47**	**0.59**	0.47 U	**0.68**
Carbon tetrachloride	**0.57**	**1.13**	**0.31**	**0.38 J**	**0.57**	**5.41**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	**2.34**	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	0.31 U	0.31 U	**0.21 J**	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	**3.49**
Cyclohexene	0.52 U	0.52 U	0.52 U	**0.34 J**	**4.13**	**2.1**
Dichlorodifluoromethane	0.74 U	**3.56**	0.74 U	**1.19**	0.74 U	**4**
Ethyl Acetate	**2.92**	**1.98**	0.9 U	**1.58**	**3.6**	**1.48**
Ethylbenzene	**1.09**	**0.61 J**	**0.56 J**	**0.56 J**	**3.56**	**1.52**
Freon 113	1.15 U	**52.86**	1.15 U	**27.58**	1.15 U	**15.32**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL022-IA 8/28/2010	SL022-SS 8/28/2010	SL023-IA 8/27/2010	SL023-SS 8/27/2010	SL025-IA 8/27/2010	SL025-SS 8/27/2010
Isopropyl alcohol	**120.39 J**	**88.45 J**	**167.07 J**	**88.45**	**181.81 J**	**108.1 J**
m,p-Xylene	**3.56**	**1.82**	**1.69**	**1.65**	**11.28**	**5.64**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	0.52 U	**0.66**	**0.69**	0.52 U	**1.35**
n-Heptane	0.61 U	**1.15**	**1.19**	**0.41 J**	**3.56**	**1.11**
n-Hexane	0.53 U	0.53 U	**2.4**	**1.34**	**5.64**	0.53 U
o-Xylene	**1.43**	**0.78**	**0.56 J**	**0.74**	**3.95**	**1.87**
Styrene	**0.64**	0.64 U	0.64 U	0.64 U	**1.75**	**0.89**
Tetrachloroethene	**1.22**	**1.02**	1.02 U	**1.08**	**1.02**	**1.76**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	**3.54**	0.44 U
Toluene	**7.91**	**3.77**	**4.52**	**4.52**	**34.28**	**13.56**
trans-1,2-Dichloroethene	0.59 U	0.59 U	**0.67**	0.59 U	0.59 U	0.59 U
Trichloroethene	**2.95**	**376.01**	**0.64**	**40.29**	**1.29**	**9.67**
Trichlorofluoromethane	0.84 U	**10.11**	**1.97**	**101.09**	0.84 U	**2.81**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL027-IA 8/28/2010	SL027-SS 8/28/2010	SL030-IA 8/28/2010	SL030-SS 8/28/2010	SL031-IA 8/28/2010	SL031-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**136.35**	0.82 U	**32.72**	0.82 U	**59.99**
1,1-Dichloroethane	0.61 U	**3.68**	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**2.65**	**3.44**	**3.93**	**3.34**	**1.92**	**2.01**
1,3,5-Trimethylbenzene	**0.84**	**0.98**	**1.13**	**1.43**	**0.93**	**1.13**
1,4-Dichlorobenzene	0.9 U	**0.66 J**	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U	1.08 U
2,2,4-Trimethylpentane	**0.56 J**	**0.56 J**	**0.84**	0.7 U	**0.61 J**	**1.26**
2-Butanone	**5.01**	**3.83**	0.88 U	**1.83**	**2.95**	**1.68**
2-Hexanone	1.23 U	**0.61 J**	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	**0.49 J**	**1.08**	**0.79**	**0.74**	0.74 U	0.74 U
4-Methyl-2-pentanone	**0.98 J**	**1.39 J**	**0.82 J**	**0.78 J**	**0.78 J**	**0.57 J**
Acetone	**30.87 J**	**33.24**	**45.11 J**	**33.24**	**22.79 J**	**23.74**
Benzene	**0.67**	**11.5**	**0.77**	**0.38 J**	**0.45 J**	**0.38 J**
Carbon disulfide	0.47 U	**0.93**	0.47 U	**0.44 J**	**0.47**	**0.62**
Carbon tetrachloride	**0.63**	**2.26**	**0.57**	**2.83**	**0.25**	**1.13**
Chlorobenzene	0.69 U	**0.69**	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	**0.98**	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	**2.15**	0.73 U	**0.73**	0.73 U	**0.54 J**
Chloromethane	0.31 U	**2.48**	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	**4.76**	0.59 U	0.59 U	0.59 U	0.59 U
Cyclohexene	0.52 U	**2.92**	0.52 U	0.52 U	**0.96**	**0.38 J**
Dichlorodifluoromethane	0.74 U	**4.05**	0.74 U	**2.47**	0.74 U	**3.06**
Ethyl Acetate	**3.21**	**3.49**	**4.68**	**3.6**	0.9 U	0.9 U
Ethylbenzene	**0.69**	**5.21**	**0.69**	**0.56 J**	0.65 U	0.65 U
Freon 113	1.15 U	**91.93**	1.15 U	**8.43**	1.15 U	**44.43**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL027-IA 8/28/2010	SL027-SS 8/28/2010	SL030-IA 8/28/2010	SL030-SS 8/28/2010	SL031-IA 8/28/2010	SL031-SS 8/28/2010
Isopropyl alcohol	**103.19 J**	**58.96 J**	**31.94 J**	**36.85 J**	**49.14 J**	**36.85**
m,p-Xylene	**1.91**	**9.11**	**2.21**	**1.95**	**1.22 J**	**1.22 J**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	**0.76**	0.52 U	**0.59**	**0.83**	**0.52**
n-Heptane	0.61 U	**2.58**	**1.43**	0.61 U	**0.7**	0.61 U
n-Hexane	**1.13**	**3.52**	0.53 U	0.53 U	**1.51**	**1.2**
o-Xylene	**0.74**	**1.82**	**0.91**	**0.95**	**0.56 J**	**0.61 J**
Styrene	0.64 U	0.64 U	**0.64**	**0.51 J**	0.64 U	0.64 U
Tetrachloroethene	1.02 U	**41.36**	1.02 U	**7.46**	1.02 U	**1.36**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**5.27**	**41.44**	**5.65**	**3.77**	**3.28**	**3.13**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**1.07**	**177.26**	**2.15**	**590.87**	**0.91**	**139.66**
Trichlorofluoromethane	0.84 U	**5.17**	0.84 U	**40.44**	**1.63**	**3.37**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL032-IA 8/28/2010	SL032-SS 8/28/2010	SL035-IA 8/27/2010	SL035-SS 8/27/2010	SL041-IA 8/27/2010	SL041-SS 8/27/2010	SL041-SS (DUP) 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**						
1,1,1-Trichloroethane	0.82 U	**0.87**	0.82 U	**430.86**	0.82 U	**474.49 J**	**414.5 J**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	**3.07**	**3.28**
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	**0.44 J**
1,2,4-Trimethylbenzene	**1.82**	**1.33**	**8.84**	**8.35**	**1.97**	**6.88 J**	**9.83 J**
1,3,5-Trimethylbenzene	**0.88**	0.74 U	**3**	**2.21**	**1.38**	**2.01 J**	**2.9 J**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 UJ
1,4-Dioxane	1.08 U	1.08 U	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 U
2,2,4-Trimethylpentane	**0.51 J**	0.7 U	**1.12**	**1.31**	0.7 U	0.7 U	**0.7**
2-Butanone	**2.27**	**1.62**	**8.55**	**10.02**	**3.24**	**2 J**	**3.24 J**
2-Hexanone	1.23 U	1.23 U	1.23 U	**0.74 J**	1.23 U	1.23 U	**1.27**
4-Ethyltoluene	0.74 U	0.74 U	**2.16**	**1.57**	0.74 U	**2.26 J**	**3.59 J**
4-Methyl-2-pentanone	**0.66 J**	1.23 U	**3.07**	**2.87**	**0.98 J**	**0.98 J**	**1.11 J**
Acetone	**20.66 J**	**14.72 J**	**42.74 J**	**42.74**	**49.86 J**	**78.36 J**	**30.87 J**
Benzene	**0.42 J**	0.48 U	**0.64**	0.48 U	**0.57**	**1.44 J**	**2.87 J**
Carbon disulfide	**0.5**	**0.4 J**	**2.33**	**0.9**	**0.87**	**0.68**	**0.9**
Carbon tetrachloride	**0.31**	**0.44 J**	**0.5**	**94.33**	**0.31**	**1.57**	**1.76**
Chlorobenzene	0.69 U	0.69 U	**1.33**	0.69 U	0.69 U	0.69 U	0.69 UJ
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	**3.56**	0.73 U	**0.98**	**1.12**
Chloromethane	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	**0.4 J**	**0.67**	**0.55 J**	**0.95**	**0.4 J**	0.59 U	0.59 U
Cyclohexene	0.52 U	**0.34 J**	**4.47**	**4.47**	**0.45 J**	**0.58**	**0.89**
Dichlorodifluoromethane	0.74 U	**6.43**	0.74 U	**3.81**	0.74 U	**2.27**	**2.52**
Ethyl Acetate	0.9 U	0.9 U	**7.56**	0.9 U	0.9 U	**2.23**	**1.95**
Ethylbenzene	0.65 U	0.65 U	**2.34**	**1.35**	**0.52 J**	**5.21**	**9.11 J**
Freon 113	1.15 U	**1.15**	1.15 U	**130.23**	1.15 U	**35.24 J**	**56.69 J**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL032-IA 8/28/2010	SL032-SS 8/28/2010	SL035-IA 8/27/2010	SL035-SS 8/27/2010	SL041-IA 8/27/2010	SL041-SS 8/27/2010	SL041-SS (DUP) 8/27/2010
Isopropyl alcohol	**36.85 J**	**56.51 J**	**761.63 J**	**120.39**	**368.53 J**	**270.26 J**	**120.39 J**
m,p-Xylene	**1.13 J**	**1.13 J**	**6.94**	**4.77**	**1.43**	**10.85 J**	**18.66 J**
Methyl tert butyl ether	0.54 U	**0.65**	0.54 U	0.54 U	0.54 U	**0.54**	0.54 U
Methylene chloride	**0.8**	**0.52**	0.52 U	**3.47**	**1.11**	**1.67**	**1.42**
n-Heptane	0.61 U	0.61 U	**1.15**	**1.8**	**0.49 J**	**0.53 J**	**1.52 J**
n-Hexane	**1.13**	**0.99**	**9.86**	0.53 U	**3.21**	**1.37 J**	**2.82 J**
o-Xylene	**0.48 J**	**0.52 J**	**2.47**	**1.95**	**0.56 J**	**3.78 J**	**6.51 J**
Styrene	0.64 U	0.64 U	**1.66**	0.64 U	0.64 U	**0.98**	**1.49 J**
Tetrachloroethene	1.02 U	1.02 U	1.02 U	**1.08**	1.02 U	**1.97**	**1.97 J**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**3.2**	**3.2**	**29.38**	**12.05**	**6.03**	**15.82 J**	**26.37 J**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	**0.44 J**	**0.75**
Trichloroethene	**1.67**	**2.95**	**2.52**	**118.17**	**1.56**	**3.01 J**	**4.57 J**
Trichlorofluoromethane	**1.4**	**1.07**	**2.19**	**3.09**	0.84 U	**2.25**	**2.75**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL042-IA (DUP) 8/28/2010	SL042-IA 8/28/2010	SL042-SS 8/28/2010	SL042-SS (DUP) 8/28/2010	SL043-IA 8/28/2010	SL043-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	0.82 U	**9.82**	**9.82**	0.82 U	**114.53**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	**0.93**
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**1.08**	**1.38**	**8.84 J**	**7.86**	**7.37**	**3.14**
1,3,5-Trimethylbenzene	**0.93**	**0.93**	**2.75 J**	**2.95 J**	**1.77**	**0.93**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 UJ	0.9 UJ	0.9 U	0.9 U
1,4-Dioxane	1.08 U	1.08 U	1.08 U	1.08 U	1.08 UJ	1.08 UJ
2,2,4-Trimethylpentane	0.7 U	0.7 U	0.7 U	0.7 U	**0.7**	**0.84**
2-Butanone	**4.13 J**	**2.8 J**	**1.98**	**2.09**	**2**	**2.42**
2-Hexanone	**0.49 J**	1.23 U	1.23 U	**0.61 J**	1.23 U	**0.49 J**
4-Ethyltoluene	0.74 U	0.74 U	**3.44**	**3.98**	**1.28**	**0.59 J**
4-Methyl-2-pentanone	**0.74 J**	1.23 U	**0.86 J**	**0.7 J**	1.23 U	**1.47 J**
Acetone	**23.74 J**	**21.37 J**	**19.47**	**15.91**	**23.74 J**	**23.27**
Benzene	**0.42 J**	**0.45 J**	**1.92 J**	**1.15 J**	**0.61**	**0.83**
Carbon disulfide	**0.5**	**0.44 J**	**0.44 J**	**0.5**	**1.25**	0.47 U
Carbon tetrachloride	**0.31**	**0.31**	**0.5 J**	**0.5 J**	**0.57**	**0.82 J**
Chlorobenzene	0.69 U	0.69 U	0.69 UJ	0.69 UJ	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	**3.27**
Chloromethane	**0.7 J**	0.31 UJ	**0.25 J**	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	**0.59**
Cyclohexene	0.52 U	0.52 U	**0.52**	**0.48 J**	0.52 U	0.52 U
Dichlorodifluoromethane	0.74 U	0.74 U	**2.42**	**2.67**	0.74 U	**4.15**
Ethyl Acetate	0.9 U	0.9 U	**1.48**	**1.4**	**5.4**	**4.68**
Ethylbenzene	**0.48 J**	**0.48 J**	**8.68 J**	**7.38 J**	**0.82**	**0.74**
Freon 113	1.15 U	1.15 U	**8.43**	**9.19**	**0.84 J**	**31.41**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL042-IA (DUP) 8/28/2010	SL042-IA 8/28/2010	SL042-SS 8/28/2010	SL042-SS (DUP) 8/28/2010	SL043-IA 8/28/2010	SL043-SS 8/28/2010
Isopropyl alcohol	**63.88 J**	**54.05 J**	**49.14**	**44.22**	**14.74 J**	**58.96 J**
m,p-Xylene	**1.22 J**	**1.22 J**	**21.27**	**17.8**	**2.39**	**2.17**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	**0.76**	0.54 U	0.54 U
Methylene chloride	**0.76**	**0.73**	**0.83**	**1.01**	**2.12**	**0.94**
n-Heptane	**0.74**	0.61 U	**0.86**	**0.82**	**0.82**	0.61 U
n-Hexane	**2.29 J**	**1.51 J**	0.53 UJ	**1.55 J**	**1.44**	**1.27**
o-Xylene	**0.48 J**	**0.48 J**	6.51 UJ	**6.51 J**	**1.04**	**1.17**
Styrene	0.64 U	0.64 U	**1.32 J**	**1.28 J**	**0.6 J**	0.64 U
Tetrachloroethene	1.02 U	1.02 U	1.02 UJ	1.02 UJ	**0.81 J**	**3.73**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**3.77**	**3.35**	**26.37 J**	**17.7 J**	**5.27**	**5.65**
trans-1,2-Dichloroethene	0.59 U	0.59 U	**0.48 J**	**0.55 J**	0.59 U	0.59 U
Trichloroethene	**0.81**	**0.91**	**5.91**	**6.98**	**2.2**	**1933.75**
Trichlorofluoromethane	**1.35**	**1.52**	**2.92**	**3.26**	**1.74**	**2.92**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.1 U	0.38 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL044-IA 8/28/2010	SL044-SS 8/28/2010	SL046-IA 8/27/2010	SL046-SS 8/27/2010	SL052-IA 8/28/2010	SL052-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**294.51**	0.82 U	**272.7**	1.64 U	**654.47**
1,1-Dichloroethane	0.61 U	**2.1**	0.61 U	**36.01**	1.21 U	**0.45 J**
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	**21.8**	1.19 U	0.59 U
1,2,4-Trimethylbenzene	**5.41**	**3.49**	**16.22**	**3.83**	**7.86**	**1.18**
1,3,5-Trimethylbenzene	**1.33**	**0.98**	**3.05**	**1.13**	**3.44**	0.74 U
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	1.8 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	2.16 U	1.08 UJ
2,2,4-Trimethylpentane	**0.93**	**0.51 J**	**1.49**	**0.98**	**1.12 J**	**0.51 J**
2-Butanone	**3.24**	**1.89**	**5.01**	**4.72**	**8.55**	**2.74**
2-Hexanone	1.23 U	**0.49 J**	1.23 U	**0.61 J**	2.46 U	**0.49 J**
4-Ethyltoluene	**1.08**	**1.08**	**2.21**	**0.69 J**	**1.67**	0.74 U
4-Methyl-2-pentanone	**1.43 J**	**0.86 J**	**2.29**	**4.5**	2.46 U	**0.98 J**
Acetone	**37.99 J**	**37.99**	**42.74 J**	**47.49**	**54.61 J**	**23.74**
Benzene	**0.8**	**0.45 J**	**0.54**	**0.96**	**0.83 J**	**0.64**
Carbon disulfide	0.47 U	0.47 U	0.47 U	**0.56**	**2.49**	**0.87**
Carbon tetrachloride	**0.63**	**1.95**	0.25 U	**2.45**	0.5 U	**0.75 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	1.38 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U	0.4 U
Chloroform	0.73 U	**1.12**	0.73 U	**8.78**	1.46 U	**0.93**
Chloromethane	0.31 U	0.31 U	0.31 U	**0.95**	0.62 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	**2.73**	0.59 U	0.59 U	1.19 U	**0.75**
Cyclohexene	0.52 U	0.52 U	**3.03**	0.52 U	1.03 U	**5.51**
Dichlorodifluoromethane	0.74 U	**3.86**	0.74 U	**3.51**	1.48 U	**4.7**
Ethyl Acetate	**2.38**	**2.38**	**5.04**	**6.84**	**2.95**	**1.73**
Ethylbenzene	**1.39**	**0.65**	**2.34**	**1.17**	**1.56**	**0.48 J**
Freon 113	1.15 U	**73.54**	1.15 U	**41.37**	2.3 U	**43.66**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL044-IA 8/28/2010	SL044-SS 8/28/2010	SL046-IA 8/27/2010	SL046-SS 8/27/2010	SL052-IA 8/28/2010	SL052-SS 8/28/2010
Isopropyl alcohol	**19.16 J**	**51.59 J**	**189.18 J**	**233.4**	**122.84 J**	**34.4 J**
m,p-Xylene	**4.34**	**1.95**	**6.51**	**4.21**	**4.08**	**1.22 J**
Methyl tert butyl ether	0.54 U	**0.47 J**	0.54 U	0.54 U	1.08 U	0.54 U
Methylene chloride	0.52 U	**1.04**	0.52 U	**1.49**	**1.6**	**1.7**
n-Heptane	0.61 U	0.61 U	0.61 U	**1.52**	1.23 U	0.61 U
n-Hexane	0.53 U	0.53 U	**16.21**	**3.31**	**4.23**	0.53 U
o-Xylene	**1.65**	**1**	**2.69**	**2**	**2**	**0.61 J**
Styrene	**0.68**	0.64 U	**1.19**	0.64 U	**1.11 J**	0.64 U
Tetrachloroethene	**0.88 J**	**5.02**	1.02 U	**0.95 J**	2.03 U	**1.29**
Tetrahydrofuran	**0.97**	0.44 U	0.44 U	0.44 U	0.88 U	0.44 U
Toluene	**7.91**	**4.14**	**28.63**	**48.97**	**10.17**	**4.52**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	1.19 U	0.59 U
Trichloroethene	**1.13**	**752.01 J**	**2.36**	**145.03**	**2.9**	**322.29**
Trichlorofluoromethane	0.84 U	**2.7**	0.84 U	**2.36**	**3.26**	**5.62**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	1.06 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.2 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL054-IA 8/28/2010	SL054-SS 8/28/2010	SL055-IA 8/28/2010	SL055-SS 8/28/2010	SL058-IA 8/28/2010	SL058-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**9.82**	0.82 U	**376.32**	0.82 U	**5.18**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	**80.91**	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	**13.08**	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**6.39**	**3.19**	**16.71**	**2.65**	**1.08**	**1.77**
1,3,5-Trimethylbenzene	**1.47**	**0.93**	**4.18**	**0.88**	**0.69 J**	**0.84**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 UJ	**9.73 J**	1.08 U	1.08 U
2,2,4-Trimethylpentane	**1.49**	**0.89**	**1.59**	**1.26**	0.7 U	**0.47 J**
2-Butanone	**4.42**	**2.18**	**6.19**	**2.95**	**0.97**	**1.56**
2-Hexanone	1.23 U	**0.45 J**	**0.53 J**	**0.45 J**	1.23 U	1.23 U
4-Ethyltoluene	**1.23**	**0.84**	**3.73**	**1.03**	0.74 U	0.74 U
4-Methyl-2-pentanone	**1.31 J**	**1.27 J**	**2.21 J**	**1.92 J**	1.23 U	**0.61 J**
Acetone	**33.24 J**	**19.95 J**	**47.49 J**	**28.49**	**19.23 J**	**15.43 J**
Benzene	**0.73**	**0.61**	**0.89**	**0.8**	**0.42 J**	**0.35 J**
Carbon disulfide	0.47 U	0.47 U	**0.97**	**0.34 J**	**0.5**	**0.47**
Carbon tetrachloride	**0.63**	**0.75 J**	0.25 U	**1.57**	**0.31**	**0.25 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	**0.47**	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	**2.15**	0.73 U	0.73 U
Chloromethane	0.31 U	**0.29 J**	0.31 U	0.31 U	**0.54**	0.31 U
cis-1,2-Dichloroethene	0.59 U	**0.44 J**	**0.63**	**0.71**	0.59 U	0.59 U
Cyclohexene	**6.54**	**2.75**	0.52 U	**6.54**	0.52 U	**0.38 J**
Dichlorodifluoromethane	**3.06**	**3.16**	0.74 U	**3.36**	**1.78**	**1.24**
Ethyl Acetate	**3.6**	**2.45**	**5.76**	**2.09**	**4.68**	**1.04**
Ethylbenzene	**1.52**	**0.69**	**3.13**	**0.69**	0.65 U	0.65 U
Freon 113	**1.38**	**1.46**	1.15 U	**15.32**	1.15 U	1.15 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL054-IA 8/28/2010	SL054-SS 8/28/2010	SL055-IA 8/28/2010	SL055-SS 8/28/2010	SL058-IA 8/28/2010	SL058-SS 8/28/2010
Isopropyl alcohol	**31.94 J**	**49.14 J**	**39.31 J**	**90.9 J**	**3.44**	**66.34 J**
m,p-Xylene	**4.34**	**2.56**	**9.55**	**2.08**	**0.65 J**	**1 J**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	**0.76**
Methylene chloride	0.52 U	**1.15**	0.52 U	0.52 U	**1.63**	**0.63**
n-Heptane	**1.11**	0.61 U	**1.97**	0.61 U	0.61 U	0.61 U
n-Hexane	**1.83**	**0.74**	**4.58**	**1.73**	**1.55**	**0.78**
o-Xylene	**1.87**	**1**	**3.99**	**0.95**	0.65 U	**0.48 J**
Styrene	**0.77**	0.64 U	**1.53**	0.64 U	0.64 U	0.64 U
Tetrachloroethene	1.02 U	**0.88 J**	**0.75 J**	**0.75 J**	1.02 U	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**7.53**	**5.27**	**14.69**	**6.03**	**2.15**	**2.86**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**1.13**	**11.28**	**3.12**	**128.92**	**0.43**	**0.75 J**
Trichlorofluoromethane	**1.74**	**2.02**	**1.63**	**2.7**	**2.3**	**1.85**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL062-IA 8/27/2010	SL062-SS 8/27/2010	SL063-IA 8/27/2010	SL063-IA (DUP) 8/27/2010	SL063-SS 8/27/2010	SL064-IA 8/27/2010	SL064-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**						
1,1,1-Trichloroethane	0.82 U	**53.45**	0.82 U	0.82 U	**81.81**	**34.36**	**45.81**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	1.82 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	1.78 U
1,2,4-Trimethylbenzene	**8.84**	**6.88**	**9.34**	**9.83**	**6.88**	**4.28**	**25.55**
1,3,5-Trimethylbenzene	**2.65**	**1.47**	**2.7**	**3.44**	**2.9**	**1.43**	**9.83**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	2.7 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U	3.24 U
2,2,4-Trimethylpentane	**1.59**	**0.84**	**1.54**	**2.19**	**0.89**	**0.79**	**2.52**
2-Butanone	**10.02**	**3.24**	**24.76 J**	**11.79 J**	**35.37**	**2.68**	**8.55**
2-Hexanone	1.23 U	**0.57 J**	**1.06 J**	1.23 U	**1.31**	**1.02 J**	3.69 U
4-Ethyltoluene	**2.65**	**0.84**	**2.41 J**	**3.29 J**	**1.18**	**0.59 J**	**11.3**
4-Methyl-2-pentanone	**3.15**	**2.09**	**3.73**	**4.91**	**5.73**	**8.6**	3.69 U
Acetone	**28.49 J**	**30.87**	**40.37 J**	**33.24 J**	**71.23 J**	**19.71**	**61.74**
Benzene	**0.89**	**0.67**	**0.96**	**0.96**	**2.87**	**0.57**	**8.94**
Carbon disulfide	0.47 U	**0.59**	**1.21 J**	0.47 UJ	**6.23**	**0.44 J**	**3.42**
Carbon tetrachloride	**0.5**	**1.64**	0.25 U	**0.5**	**3.27**	**1.26**	2.83 U
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	2.07 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1.19 U
Chloroform	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	**1.02**	2.2 U
Chloromethane	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.93 U
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	**0.44 J**	0.59 U	**2.62**
Cyclohexene	**3.34**	**2.48**	**3.2 J**	**6.88 J**	0.52 U	**2.1**	1.55 U
Dichlorodifluoromethane	0.74 U	**3.36**	0.74 U	0.74 U	**10.88**	**3.36**	**5.93**
Ethyl Acetate	**5.4**	**2.13**	**12.97 J**	**7.92 J**	**28.82**	**2.27**	**5.04**
Ethylbenzene	**3.34**	**1**	**3.3 J**	**4.77 J**	**1.74**	**0.95**	**23**
Freon 113	**9.19**	**4.52**	1.15 U	1.15 U	**21.45**	**2.3**	**5.52**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL062-IA 8/27/2010	SL062-SS 8/27/2010	SL063-IA 8/27/2010	SL063-IA (DUP) 8/27/2010	SL063-SS 8/27/2010	SL064-IA 8/27/2010	SL064-SS 8/27/2010
Isopropyl alcohol	**171.98 J**	**83.53 J**	**270.26 J**	**245.69 J**	**270.26 J**	**56.51**	**93.36**
m,p-Xylene	**9.98**	**3.34**	**9.55 J**	**13.46 J**	**5.21**	**2.82**	**43.4**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	1.62 U
Methylene chloride	0.52 U	**0.8**	0.52 U	0.52 U	**0.87**	**1.04**	**7.64**
n-Heptane	**1.43**	0.61 U	**1.56**	**1.93**	0.61 U	**1.88**	**8.6**
n-Hexane	**11.27**	**1.73**	**13.39**	**14.8**	0.53 U	**1.16**	**7.75**
o-Xylene	**3.73**	**1.43**	**3.69 J**	**5.21 J**	**2.21**	**1.48**	**17.8**
Styrene	**1.79**	**0.51 J**	**1.83 J**	**2.55 J**	0.64 U	**1.53**	1.92 U
Tetrachloroethene	1.02 U	**1.76**	1.02 U	1.02 U	1.02 U	1.02 U	3.05 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	**6.78**	0.44 U	1.33 U
Toluene	**23.35**	**6.78**	**30.89**	**30.14**	**35.03**	**6.4**	**86.64**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	1.78 U
Trichloroethene	**1.24**	**22.02**	**1.07**	**1.18**	**6.45**	**3.6**	**22.02**
Trichlorofluoromethane	0.84 U	**2.19**	0.84 UJ	**3.31 J**	**4.21**	**3.14**	**6.18**
Vinyl acetate	**3.31**	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	1.58 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.1 U	0.38 U	0.1 U	1.15 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL065-IA 8/27/2010	SL065-SS 8/27/2010	SL066-IA 8/27/2010	SL066-SS 8/27/2010	SL066-SS (DUP) 8/27/2010	SL069-IA 8/28/2010	SL069-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**						
1,1,1-Trichloroethane	0.82 U	**29.45**	0.82 U	**8.73 J**	**1.64 J**	0.82 U	**3.38**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**3.14**	**3.83**	**6.88**	**14.25**	**15.72**	**6.88**	**2.16**
1,3,5-Trimethylbenzene	**0.98**	**1.18**	**2.01**	**5.9**	**6.88**	**1.92**	**1.13**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 U	1.08 UJ	1.08 U	1.08 UJ	1.08 U	1.08 U
2,2,4-Trimethylpentane	**0.7**	**0.89**	**0.7**	**1.35**	**1.26**	**0.89**	**0.84**
2-Butanone	**4.13**	**2.59**	**5.6**	**3.83**	**4.42**	**6.78**	**1.68**
2-Hexanone	**0.49 J**	1.23 U	**0.78 J**	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	**0.64 J**	**0.69 J**	**1.52**	**9.83**	**5.41 J**	**1.28**	0.74 U
4-Methyl-2-pentanone	**2.33**	**2.7**	**1.35**	**2.5**	**2.62**	**1.76**	**1.02 J**
Acetone	**47.49 J**	**18.52**	**71.23 J**	**28.49**	**33.24**	**28.49 J**	**15.2 J**
Benzene	**0.93**	**0.86**	**1.09**	**3.51**	**3.83**	**0.73**	**0.45 J**
Carbon disulfide	0.47 U	**0.9**	0.47 U	**0.78**	**0.9**	**1.09**	**0.34 J**
Carbon tetrachloride	**0.57**	**0.94**	0.25 U	**0.69 J**	**0.94**	**0.31**	**0.31 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	0.31 U	0.31 U	**0.33**	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	**0.48 J**	**0.44 J**	0.59 U
Cyclohexene	0.52 U	**4.82**	0.52 U	**4.82**	**4.82**	**0.86**	**0.48 J**
Dichlorodifluoromethane	0.74 U	**3.31**	0.74 U	**3.46**	**3.26**	0.74 U	**1.19**
Ethyl Acetate	0.9 U	**2.09**	**3.24**	**2.31 J**	0.9 UJ	**2.88**	**0.86 J**
Ethylbenzene	**0.95**	**0.78**	**1.87**	**12.59**	**13.02**	**2.34**	**0.56 J**
Freon 113	**11.49**	**3.37**	1.15 U	**2.91**	**2.76**	1.15 U	**1.15**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL065-IA 8/27/2010	SL065-SS 8/27/2010	SL066-IA 8/27/2010	SL066-SS 8/27/2010	SL066-SS (DUP) 8/27/2010	SL069-IA 8/28/2010	SL069-SS 8/28/2010
Isopropyl alcohol	**63.88 J**	**71.25 J**	**83.53 J**	**113.02 J**	**95.82 J**	**14**	**78.62 J**
m,p-Xylene	**2.95**	**2.52**	**6.08**	**36.46**	**39.93**	**6.94**	**1.56**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	**1.3**
Methylene chloride	0.52 U	**0.66**	0.52 U	**1.35**	**1.56**	**1.42**	**0.66**
n-Heptane	0.61 U	0.61 U	0.61 U	**3.03**	**3.48**	**0.94**	0.61 U
n-Hexane	**4.58**	0.53 U	**4.93**	0.53 UJ	**2.96 J**	**4.23**	**1.3**
o-Xylene	**0.95**	**1.09**	**1.82**	**10.42**	**11.72**	**2.69**	**0.87**
Styrene	**0.47 J**	0.64 U	0.64 U	0.64 U	0.64 U	**1.28**	0.64 U
Tetrachloroethene	1.02 U	1.02 U	**2.03**	1.02 U	1.02 U	**0.81 J**	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**9.04**	**6.78**	**10.55**	**52.74**	**56.5**	**8.66**	**4.14**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	**1.35 J**	0.59 UJ	0.59 U	0.59 U
Trichloroethene	**0.7**	**2.15**	**2.85**	**4.89**	**3.65**	**1.34**	**1.07**
Trichlorofluoromethane	0.84 U	**4.77**	0.84 U	**2.98**	**3.14**	**5.62**	**1.97**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL072-IA 8/27/2010	SL072-SS 8/27/2010	SL072-SS (DUP) 8/27/2010	SL074-IA 8/28/2010	SL074-IA (DUP) 8/28/2010	SL074-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**42 J**	**7.64 J**	0.82 U	0.82 U	**2.18**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**9.83**	**27.52 J**	**4.57 J**	**4.13 J**	**1.03 J**	**1.67 J**
1,3,5-Trimethylbenzene	**2.95**	**10.32 J**	**1.38 J**	**1.52 J**	**0.49 J**	**0.84**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 U	1.08 U	1.08 U	1.08 U	1.08 U
2,2,4-Trimethylpentane	**2.52**	**1.31**	**0.65 J**	**0.65 J**	0.7 U	0.7 U
2-Butanone	**10.61**	**4.72 J**	0.88 UJ	**5.01 J**	0.88 UJ	**1.06 J**
2-Hexanone	**0.45 J**	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	**2.46**	**8.35 J**	**0.84 J**	**0.79**	0.74 U	0.74 U
4-Methyl-2-pentanone	**3.77**	**2.7 J**	**6.55 J**	**1.68**	1.23 U	1.23 U
Acetone	**17.81**	**66.48 J**	**64.11 J**	**28.49 J**	**13.3 J**	**13.53 J**
Benzene	**1.05**	**3.19 J**	**1.05 J**	**0.51**	**0.45 J**	0.48 U
Carbon disulfide	0.47 U	**1.21 J**	0.47 UJ	**0.53**	**0.5**	**0.53 J**
Carbon tetrachloride	**0.5**	**0.82 J**	**0.69 J**	**0.31**	**0.31**	**0.31 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	**1.12**	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	**6.74 J**	0.59 UJ	0.59 U	0.59 U	0.59 U
Cyclohexene	**5.16**	**3.78 J**	**2.89 J**	0.52 U	0.52 U	0.52 U
Dichlorodifluoromethane	0.74 U	**5.93 J**	0.74 UJ	0.74 U	0.74 U	**1.48**
Ethyl Acetate	**7.2**	**5.4 J**	0.9 UJ	**2.09 J**	0.9 UJ	0.9 U
Ethylbenzene	**3.82**	**11.28 J**	**1.74 J**	**1.13**	**0.43 J**	0.65 U
Freon 113	1.15 U	**1.84**	1.15 U	1.15 U	1.15 U	1.15 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL072-IA 8/27/2010	SL072-SS 8/27/2010	SL072-SS (DUP) 8/27/2010	SL074-IA 8/28/2010	SL074-IA (DUP) 8/28/2010	SL074-SS 8/28/2010
Isopropyl alcohol	**34.4 J**	**81.08 J**	**58.96 J**	**18.18 J**	**3.19 J**	**56.51 J**
m,p-Xylene	**10.85**	**34.29 J**	**5.64 J**	**3.17 J**	**1.13 J**	**0.82 J**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	**6.6 J**	0.52 UJ	**1.04**	**0.83**	**0.56**
n-Heptane	**2.17**	**3.56**	**2.83**	**1.07**	**1.07**	0.61 U
n-Hexane	**10.22**	**2.96 J**	0.53 UJ	**3.88 J**	**1.73 J**	**0.92 J**
o-Xylene	**4.34**	**11.28 J**	**1.87 J**	**1.35 J**	**0.52 J**	**0.43 J**
Styrene	**2.21**	0.64 UJ	**1.58 J**	**0.64**	0.64 U	0.64 U
Tetrachloroethene	1.02 U	**2.71 J**	**0.95 J**	1.02 U	1.02 U	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**20.34**	**48.97 J**	**13.56 J**	**6.03 J**	**2.79 J**	**2.26**
trans-1,2-Dichloroethene	0.59 U	**1.03**	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**1.13**	**75.2 J**	**4.78 J**	**0.81**	**0.59**	**0.81**
Trichlorofluoromethane	0.84 U	**3.48 J**	0.84 UJ	**2.47**	**2.08**	**1.97**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	**0.46**	0.38 U	0.1 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL076-IA 8/28/2010	SL076-SS 8/28/2010	SL077-IA 8/28/2010	SL077-SS 8/28/2010	SL078-IA 8/28/2010	SL078-IA (DUP) 8/28/2010	SL078-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**						
1,1,1-Trichloroethane	0.82 U	**87.26**	**0.76 J**	**10.91**	0.82 U	0.82 U	**9.27**
1,1-Dichloroethane	0.61 U	**1.29**	0.61 U	0.61 U	0.61 U	0.61 U	1.21 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	1.19 U
1,2,4-Trimethylbenzene	**9.83**	**3.29**	**14.25**	**4.23**	**5.41 J**	**3.29 J**	**16.22**
1,3,5-Trimethylbenzene	**2.26**	**0.93**	**2.7**	**1.13**	**1.87**	**1.23**	**4.82**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	**5.77**
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U	1.08 U	2.16 U
2,2,4-Trimethylpentane	**1.4**	**1.21**	**1.4**	**1.31**	**1.07**	**0.47 J**	1.4 U
2-Butanone	**6.19**	**2.71**	**5.31**	**3.24**	**4.13 J**	**2.15 J**	**5.01**
2-Hexanone	**0.45 J**	1.23 U	**0.61 J**	**0.53 J**	1.23 U	1.23 U	2.46 U
4-Ethyltoluene	**2.21**	**0.69 J**	**2.26**	**0.79**	**1.08**	**0.74**	**3.05**
4-Methyl-2-pentanone	**2.13 J**	**1.72 J**	**2.37 J**	**1.56 J**	**1.84**	1.23 U	2.46 U
Acetone	**37.99 J**	**40.37**	**45.11 J**	**161.46**	**22.79 J**	**26.12**	**61.74**
Benzene	**1.05**	**0.89**	**0.77**	**0.86**	**0.51**	**0.38 J**	**0.96**
Carbon disulfide	0.47 U	0.47 U	0.47 U	**0.31 J**	**0.56**	**0.75**	**1.25**
Carbon tetrachloride	**0.63**	**1.01**	**0.69**	**1.13**	**0.38**	**0.31**	**0.5 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	1.38 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U
Chloroform	0.73 U	**4.64**	0.73 U	**4.39**	0.73 U	0.73 U	1.46 U
Chloromethane	0.31 U	0.31 U	0.31 U	**0.52**	**0.64 J**	0.31 UJ	0.62 U
cis-1,2-Dichloroethene	0.59 U	**3.17**	**1.23**	**19.82**	0.59 U	**0.48 J**	**3.17**
Cyclohexene	**4.47**	**2.34**	0.52 U	**2.27**	**0.62**	**0.48 J**	**0.76 J**
Dichlorodifluoromethane	0.74 U	**4.35**	0.74 U	**5.93**	0.74 U	0.74 U	1.48 U
Ethyl Acetate	**3.35**	**2.74**	**3.96**	**2.05**	**2.77 J**	0.9 UJ	**4.32**
Ethylbenzene	**2.91**	**0.74**	**2.43**	**0.78**	**1.82**	**1.22**	**2.34**
Freon 113	1.15 U	**62.05**	1.15 U	**18.39**	**0.77 J**	1.15 U	**3.06**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL076-IA 8/28/2010	SL076-SS 8/28/2010	SL077-IA 8/28/2010	SL077-SS 8/28/2010	SL078-IA 8/28/2010	SL078-IA (DUP) 8/28/2010	SL078-SS 8/28/2010
Isopropyl alcohol	**22.85**	**171.98 J**	**24.57**	**270.26 J**	**36.85 J**	**14.25 J**	**110.56**
m,p-Xylene	**9.11**	**2.26**	**6.94**	**2.21**	**4.77 J**	**3.21 J**	**9.55**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	1.08 U
Methylene chloride	0.52 U	**1.08**	0.52 U	**0.9**	**1.15**	**1.35**	**3.4**
n-Heptane	**1.35**	0.61 U	**1.64**	0.61 U	0.61 U	**0.53 J**	1.23 U
n-Hexane	0.53 U	**1.23**	**3.88**	**2.99**	**3.35**	**3.88**	**3.88**
o-Xylene	**3.6**	**1**	**2.86**	**1.13**	**2.17 J**	**1.35 J**	**3.39**
Styrene	**1.49**	**0.47 J**	**1.32**	0.64 U	**1.15**	**0.72**	**1.7**
Tetrachloroethene	1.02 U	**2.1**	**0.88 J**	**1.02**	1.02 U	1.02 U	**4.34**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.88 U
Toluene	**13.94**	**6.78**	**11.68**	**6.03**	**6.03**	**6.4**	**16.2**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	**5.55**	0.59 U	0.59 U	1.19 U
Trichloroethene	**1.56**	**1074.3**	**39.75**	**752.01**	**1.02 J**	**2.42 J**	**20.95 J**
Trichlorofluoromethane	**2.19**	**3.14**	0.84 U	**3.09**	**2.7**	**1.91**	**2.02**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	1.06 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.1 U	**0.26 J**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL079-IA 8/28/2010	SL079-SS 8/28/2010	SL084-IA 8/28/2010	SL084-IA (DUP) 8/28/2010	SL084-SS 8/28/2010	SL086-IA 8/27/2010	SL086-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**						
1,1,1-Trichloroethane	0.82 U	**81.81**	0.82 U	0.82 U	**9.82 J**	0.82 U	**981.71**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	**7.28 J**	0.61 U	**1.17**
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	**1.66**	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**2.95**	**3.54**	**7.86**	**9.83**	**1.38 J**	**9.34**	**6.88**
1,3,5-Trimethylbenzene	**0.98**	**1.03**	**2.85**	**2.95**	**0.74 J**	**2.51**	**2.41**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 UJ	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ	1.08 UJ
2,2,4-Trimethylpentane	**0.61 J**	0.7 U	**1.49**	**1.26**	0.7 U	**1.59**	**1.35**
2-Butanone	**2.62**	**1.59**	**5.9**	**5.9**	**0.74 J**	**11.2**	**5.31**
2-Hexanone	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U	**2.62**
4-Ethyltoluene	**0.69 J**	**1.03**	**1.52**	**1.77**	0.74 U	**1.97**	**1.38**
4-Methyl-2-pentanone	**0.82 J**	**0.98 J**	**2.46 J**	**1.92 J**	**0.49 J**	**3.11**	**2.78**
Acetone	**28.49 J**	**26.12**	**26.12**	**28.49**	**21.61**	**30.87 J**	**40.37**
Benzene	**0.7**	**0.61**	**0.7**	**0.7**	**0.86**	**0.73**	**0.96**
Carbon disulfide	0.47 U	**0.87**	0.47 U	0.47 U	**0.47 J**	0.47 U	**0.56**
Carbon tetrachloride	**0.63**	**0.94**	**0.57**	**0.63**	0.94 U	**0.5**	**3.84**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 UJ	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	**1.32**	0.73 U	0.73 U	**6.34**	0.73 U	**1.22**
Chloromethane	0.31 U	0.31 U	0.31 U	0.31 U	**0.37 J**	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	**0.4 J**	0.59 U	0.59 U	**253.65 J**	0.59 U	0.59 U
Cyclohexene	0.52 U	0.52 U	**2.86 J**	0.52 UJ	0.52 U	**4.13**	**6.19**
Dichlorodifluoromethane	0.74 U	**3.61**	**2.72 J**	0.74 UJ	0.74 U	0.74 U	**4.4**
Ethyl Acetate	**1.51**	**0.97**	**4.68**	**5.76**	0.9 U	**4.32**	0.9 U
Ethylbenzene	**0.78**	**0.82**	**2.95**	**2.6**	0.65 UJ	**3.17**	**2.39**
Freon 113	1.15 U	**360.04 J**	**1 J**	1.15 U	**2.3**	1.15 U	**766.05**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL079-IA 8/28/2010	SL079-SS 8/28/2010	SL084-IA 8/28/2010	SL084-IA (DUP) 8/28/2010	SL084-SS 8/28/2010	SL086-IA 8/27/2010	SL086-SS 8/27/2010
Isopropyl alcohol	**68.79 J**	**29.48 J**	**41.77 J**	**34.4**	**36.85**	**270.26 J**	**105.65**
m,p-Xylene	**2.21**	**2.47**	**9.11**	**8.25**	**0.95 J**	**9.55**	**7.38**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	**0.69**	**0.87**	0.52 U	**0.42 J**	0.52 U	**0.87**
n-Heptane	**0.98**	**0.98**	**1.31**	**1.35**	0.61 U	**1.39**	0.61 U
n-Hexane	0.53 U	0.53 U	**3.07**	**2.5**	**0.92 J**	**8.46**	**2.92**
o-Xylene	**0.87**	**1**	**3.99**	**3.65**	**0.43 J**	**3.43**	**2.73**
Styrene	0.64 U	**0.55 J**	**1.62**	**1.53**	0.64 UJ	**1.75**	0.64 U
Tetrachloroethene	1.02 U	**3.8**	1.02 U	**0.88 J**	**1.69 J**	1.02 U	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**3.69**	**3.39**	**11.3**	**10.55**	**2.79**	**27.88**	**14.69**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	**79.27**	0.59 U	0.59 U
Trichloroethene	**1.18**	**413.61**	**1.93**	**2.09**	**5371.52**	**1.24**	**18.26**
Trichlorofluoromethane	0.84 U	**5.62**	**4.61 J**	**3.26 J**	**2.02**	0.84 U	**4.49**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL087-IA 8/27/2010	SL087-SS 8/27/2010	SL088-IA 8/27/2010	SL088-SS 8/27/2010	SL090-IA 8/27/2010	SL091-IA 8/27/2010	SL091-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**						
1,1,1-Trichloroethane	0.82 U	0.82 U	0.82 U	**599.93**	0.82 U	0.82 U	**0.87**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	**9.51**	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**7.86**	**5.41**	**1.43**	**1.77 J**	**7.86**	**13.76 J**	**5.9 J**
1,3,5-Trimethylbenzene	**2.7**	**1.23**	**0.79**	**1.03 J**	**2.46**	**3.44**	**1.82**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 UJ	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 U	**3.24**	1.08 UJ	1.08 UJ	1.08 UJ
2,2,4-Trimethylpentane	**2.01**	**1.45**	0.7 U	**0.61 J**	**1.49**	**4.67 J**	**1.03**
2-Butanone	**6.78**	**28.89**	**1.62**	**4.13**	**9.43**	**17.1 J**	0.88 U
2-Hexanone	1.23 U	**1.84 J**	1.23 U	1.23 U	1.23 U	1.23 UJ	**0.57 J**
4-Ethyltoluene	**2.36**	**0.88 J**	0.74 U	0.74 U	**2.6**	**2.46 J**	**1.28**
4-Methyl-2-pentanone	**3.4**	**6.55 J**	**1.06 J**	**1.52 J**	**3.32**	**4.09 J**	**2.5 J**
Acetone	**35.62 J**	**1377.18 J**	**40.37 J**	**166.21**	**17.57**	**54.61 J**	**45.11**
Benzene	**0.8**	**1.09**	**0.42 J**	**10.86**	**0.89**	**1.12**	**0.73**
Carbon disulfide	**0.34 J**	**0.84 J**	**0.5**	**0.47**	**2.05**	0.47 U	**0.56**
Carbon tetrachloride	**0.5**	**0.69 J**	**0.38**	**0.25 J**	**0.5**	**0.57**	**0.69 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 UJ	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	**1.87**	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	**0.87**	**0.58**	**2.06**	0.31 U	0.31 U	**0.5**
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	**0.63**
Cyclohexene	**4.47**	**7.23 J**	0.52 U	**28.56**	**5.16**	**7.57 J**	**19.61**
Dichlorodifluoromethane	0.74 U	**3.16**	**1.98**	**1.43**	0.74 U	0.74 U	**2.37 J**
Ethyl Acetate	**6.12**	**2.95**	**2.56**	0.9 U	0.9 U	**6.12 J**	**3.96 J**
Ethylbenzene	**4.34**	**1.26**	**0.56 J**	**0.43 J**	**3.52**	**4.77 J**	**1.04**
Freon 113	1.15 U	1.15 U	1.15 U	**7.2**	1.15 U	1.15 U	**1.15 J**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL087-IA 8/27/2010	SL087-SS 8/27/2010	SL088-IA 8/27/2010	SL088-SS 8/27/2010	SL090-IA 8/27/2010	SL091-IA 8/27/2010	SL091-SS 8/27/2010
Isopropyl alcohol	**393.1 J**	**343.96 J**	**638.79 J**	**171.98**	**154.78 J**	**140.04 J**	**233.4**
m,p-Xylene	**13.02**	**4.34**	**1.74**	**1.09 J**	**10.85**	**13.46 J**	**3.78**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	**0.86**	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	0.52 U	**1.08**	**6.94**	0.52 U	0.52 U	**1.63 J**
n-Heptane	**1.43**	**2.42**	**0.78**	**2.29**	**1.6**	**2.87 J**	**1.35 J**
n-Hexane	**16.21**	**38.75**	**1.51**	**20.43**	**5.28**	**22.9**	**1.76 J**
o-Xylene	**4.77**	**1.82**	**0.61 J**	**0.56 J**	**4.17**	**5.21 J**	**1.82**
Styrene	**2.38**	0.64 U	0.64 U	0.64 UJ	**1.83**	**2.43**	**0.64**
Tetrachloroethene	1.02 U	1.02 U	1.02 U	1.02 UJ	1.02 U	1.02 U	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**41.44**	**15.44**	**5.27**	**5.65**	**21.09**	**23.73**	**10.55 J**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**0.86**	**1.72**	**0.91**	**1.4**	**0.81**	**1.34**	**3.22 J**
Trichlorofluoromethane	**2.47**	**1.91**	**1.24**	**0.95**	0.84 U	0.84 U	**1.91 J**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	**0.31 J**	0.1 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL094-IA 8/28/2010	SL094-SS 8/28/2010	SL095-IA 8/27/2010	SL095-SS 8/27/2010	SL098-IA 8/28/2010	SL098-IA (DUP) 8/28/2010	SL098-SS 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**						
1,1,1-Trichloroethane	0.82 U	**18**	0.82 U	**218.16**	0.82 U	0.82 U	**7.64**
1,1-Dichloroethane	0.61 U	0.93 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.91 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**3**	**8.84**	**4.08**	**4.37**	**1.77**	**1.57**	**1.52**
1,3,5-Trimethylbenzene	**1.03**	**2.36**	**1.43**	**1.38**	**0.93**	**0.98**	**1.13**
1,4-Dichlorobenzene	0.9 U	1.38 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.62 UJ	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 U
2,2,4-Trimethylpentane	**1.03**	**1.54**	**0.75**	**0.51 J**	0.7 U	0.7 U	0.7 U
2-Butanone	**2.74**	**4.13**	**4.72**	**2.95**	0.88 UJ	**2.74 J**	**1.03**
2-Hexanone	1.23 U	1.84 U	**0.45 J**	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	**0.88**	**1.38**	**0.74**	**1.08**	0.74 U	0.74 U	0.74 U
4-Methyl-2-pentanone	**1.39 J**	**1.97 J**	**1.52**	**1.8**	**0.45 J**	**0.61 J**	**0.49 J**
Acetone	**42.74 J**	**68.86 J**	**23.74**	**30.87**	**22.32 J**	**22.32 J**	**37.99**
Benzene	**0.77**	**1.63**	**1.02**	0.48 U	**0.45 J**	**0.45 J**	0.48 U
Carbon disulfide	0.47 U	**2.12**	0.47 U	**0.5**	**0.53**	**0.5**	**0.53**
Carbon tetrachloride	**0.63**	**0.94 J**	**0.57**	**188.66**	**0.31**	**0.31**	**3.4**
Chlorobenzene	0.69 U	1.06 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.61 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	1.12 U	0.73 U	**9.76**	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	**0.74**	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	**1.35**	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Cyclohexene	0.52 U	**2.99**	0.52 U	0.52 U	0.52 U	**0.41 J**	0.52 U
Dichlorodifluoromethane	0.74 U	**2.47**	0.74 U	**3.81**	0.74 U	0.74 U	**1.68**
Ethyl Acetate	**2.16**	**14.05 J**	0.9 U	**1.51**	0.9 U	0.9 U	0.9 U
Ethylbenzene	**0.74**	**1.04**	**1.22**	**0.82**	**0.43 J**	**0.52 J**	0.65 U
Freon 113	1.15 U	**7.51**	1.15 U	**27.58**	1.15 U	1.15 U	**3.91**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL094-IA 8/28/2010	SL094-SS 8/28/2010	SL095-IA 8/27/2010	SL095-SS 8/27/2010	SL098-IA 8/28/2010	SL098-IA (DUP) 8/28/2010	SL098-SS 8/28/2010
Isopropyl alcohol	**54.05 J**	**147.41 J**	**179.35 J**	**71.25**	**39.31 J**	**49.14 J**	**63.88**
m,p-Xylene	**2.47**	**3.04**	**3.69**	**2.52**	**1.22 J**	**1.35**	**0.87 J**
Methyl tert butyl ether	0.54 U	0.83 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	**3.82**	0.52 U	**1.7**	**0.73**	**0.8**	**0.52**
n-Heptane	0.61 U	**2.54**	**2.83**	**1.02**	0.61 U	0.61 U	0.61 U
n-Hexane	0.53 U	0.81 U	**3.52**	0.53 U	**1.37**	**1.59**	**0.63**
o-Xylene	**1.13**	**1.74**	**1.22**	**1.17**	**0.52 J**	**0.52 J**	0.65 U
Styrene	**0.55 J**	0.98 U	**0.6 J**	**0.68**	0.64 U	0.64 U	0.64 U
Tetrachloroethene	1.02 U	**1.63**	**1.08**	**35.93**	1.02 U	1.02 U	**1.42**
Tetrahydrofuran	0.44 U	0.68 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**7.53**	**8.66**	**10.55**	**7.53**	**2.71 J**	**3.58 J**	**2.22**
trans-1,2-Dichloroethene	0.59 U	0.91 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**1.24**	**10.21**	**2.15**	**225.6**	**0.91**	**0.86**	**359.89**
Trichlorofluoromethane	0.84 U	**2.19**	0.84 U	**5.11**	**1.63**	**1.52**	**95.47**
Vinyl acetate	0.53 U	0.81 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.59 U	0.1 U	0.38 U	0.1 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL099-IA 8/28/2010	SL099-SS 8/28/2010	SL101-IA 8/28/2010	SL101-SS 8/28/2010	SL103-IA 8/27/2010	SL103-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**49.09**	0.82 U	**87.26**	0.82 U	**44.18**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	1.21 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	1.19 U
1,2,4-Trimethylbenzene	**1.67**	**1.92**	**2.46**	**3.05**	**3.93**	**10.81**
1,3,5-Trimethylbenzene	**0.88**	**1.18**	**0.88**	**0.74**	**1.28**	**3.24**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	1.8 U
1,4-Dioxane	1.08 U	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	2.16 UJ
2,2,4-Trimethylpentane	**0.79**	**3.5**	**0.7**	**0.79**	**0.65 J**	**1.03 J**
2-Butanone	**2.8**	**2.03**	**3.24**	**3.83**	**4.42**	**5.9**
2-Hexanone	1.23 U	1.23 U	1.23 U	**0.82 J**	1.23 U	**1.06 J**
4-Ethyltoluene	0.74 U	0.74 U	**2.31**	**1.77**	**0.84**	**1.38 J**
4-Methyl-2-pentanone	**1.39**	**1.06 J**	**0.82 J**	**1.64 J**	**1.92**	**2.46**
Acetone	**23.74 J**	**23.51**	**26.12 J**	**64.11**	**47.49 J**	**90.23 J**
Benzene	**0.45 J**	**0.42 J**	**0.67**	**0.89**	**0.99**	**1.85**
Carbon disulfide	**0.53**	**0.5**	0.47 U	0.47 U	0.47 U	**1.62**
Carbon tetrachloride	**0.25**	**1.19**	**0.57**	**2.89**	**0.57**	**4.91**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	1.38 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.79 U
Chloroform	0.73 U	**1.07**	0.73 U	**0.68 J**	0.73 U	1.46 U
Chloromethane	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.62 U
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	**1.43**
Cyclohexene	**0.48 J**	**0.52**	0.52 U	0.52 U	**3.44**	**24.43**
Dichlorodifluoromethane	0.74 U	**4.89**	0.74 U	**4.25**	0.74 U	**5.44**
Ethyl Acetate	0.9 U	**1.08**	**2.34**	**2.09**	**3.13**	**3.6**
Ethylbenzene	0.65 U	0.65 U	**0.82**	**0.78**	**1.26**	**1.56**
Freon 113	1.15 U	**22.98**	1.15 U	**99.59**	1.15 U	**19.15**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL099-IA 8/28/2010	SL099-SS 8/28/2010	SL101-IA 8/28/2010	SL101-SS 8/28/2010	SL103-IA 8/27/2010	SL103-SS 8/27/2010
Isopropyl alcohol	**76.16 J**	**39.31**	**31.94 J**	**81.08 J**	**466.8 J**	**343.96 J**
m,p-Xylene	**1.17 J**	**1.09 J**	**2.47**	**2.3**	**4.04**	**5.21**
Methyl tert butyl ether	0.54 U	**1.3**	0.54 U	0.54 U	0.54 U	1.08 U
Methylene chloride	**0.66**	**0.59**	0.52 U	**0.52**	0.52 U	**3.82**
n-Heptane	**0.7**	0.61 U	0.61 U	**2.79**	**2.29**	**2.62**
n-Hexane	**1.69**	**1.66**	0.53 U	**1.09**	**2.75**	1.06 U
o-Xylene	**0.61 J**	**0.52 J**	**1**	**1.09**	**1.13**	**2.26**
Styrene	0.64 U	0.64 U	**0.47 J**	**0.64**	**0.55 J**	**1.02 J**
Tetrachloroethene	1.02 U	1.02 U	1.02 U	**0.88 J**	**0.81 J**	**2.71**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.88 U
Toluene	**3.43**	**3.2**	**5.27**	**5.65**	**19.59**	**24.11**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	1.19 U
Trichloroethene	**0.7**	**123.54**	**1.45**	**188**	**1.29**	**13.43**
Trichlorofluoromethane	**1.57**	**2.25**	**3.71**	**25.83**	0.84 U	**2.81**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	1.06 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.77 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL105-IA 8/27/2010	SL105-SS 8/27/2010	SL106-IA 8/28/2010	SL106-SS 8/28/2010	SL107-IA 8/27/2010	SL107-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	**0.76 J**	**109.08**	0.82 U	**24**	0.82 U	**8.18**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**4.42**	**4.42**	**4.91**	**2.11**	**1.23**	**2.16 J**
1,3,5-Trimethylbenzene	**1.28**	**1.28**	**2.21**	0.74 U	**0.74**	**1.18 J**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 UJ
1,4-Dioxane	1.08 UJ	**0.61 J**	1.08 U	1.08 U	1.08 U	1.08 U
2,2,4-Trimethylpentane	**3.18**	**3.08**	**0.7**	0.7 U	0.7 U	**0.65 J**
2-Butanone	**82.54**	**206.35 J**	**5.9**	**2.48**	0.88 U	**2.56**
2-Hexanone	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	**0.88**	**0.88**	**0.98**	0.74 U	0.74 U	0.74 U
4-Methyl-2-pentanone	**2.58**	**4.09**	**1.56**	1.23 U	**1.11 J**	**1.27 J**
Acetone	**52.24 J**	**161.46 J**	**23.74 J**	**17.57**	**30.87 J**	**23.51**
Benzene	**0.83**	**0.86**	**0.67**	**0.48**	**0.57**	**0.48**
Carbon disulfide	0.47 U	**0.56**	**0.47**	**0.59**	**0.5**	**0.62**
Carbon tetrachloride	0.25 U	**6.92**	**0.31**	**0.38 J**	**0.31**	**0.25 J**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 UJ
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	**0.37 J**
Chloroform	0.73 U	**0.54 J**	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	**0.87**	0.31 U	**0.41**	0.31 U	**0.68**
cis-1,2-Dichloroethene	0.59 U	**0.67**	0.59 U	0.59 U	0.59 U	0.59 U
Cyclohexene	**3.78**	**3.78**	0.52 U	0.52 U	0.52 U	**0.65**
Dichlorodifluoromethane	0.74 U	**3.51**	0.74 U	**1.53**	0.74 U	0.74 U
Ethyl Acetate	0.9 U	**4.32**	**2.34**	**3.6 J**	0.9 U	**1.69**
Ethylbenzene	**9.11**	**17.36**	**1.61**	**0.48 J**	**0.52 J**	**0.52 J**
Freon 113	1.15 U	**69.71**	1.15 U	**10.72**	1.15 U	**12.26**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL105-IA 8/27/2010	SL105-SS 8/27/2010	SL106-IA 8/28/2010	SL106-SS 8/28/2010	SL107-IA 8/27/2010	SL107-SS 8/27/2010
Isopropyl alcohol	**319.39 J**	**368.53**	**18.67**	**49.14 J**	**135.13 J**	**68.79 J**
m,p-Xylene	**26.04 J**	**65.11**	**4.34**	**1.35**	**1.52**	1.35 U
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	**1.3**
Methylene chloride	0.52 U	**2.6**	**2.22**	**0.76**	**1.04**	**0.66**
n-Heptane	**1.39**	**1.52**	0.61 U	0.61 U	**0.74**	**0.57 J**
n-Hexane	0.53 U	0.53 U	**4.58**	**1.34**	**2.22**	**2.29**
o-Xylene	**6.94**	**12.15**	**1.95**	**0.61 J**	**0.48 J**	0.65 U
Styrene	0.64 U	**1.45**	**0.89**	0.64 U	0.64 U	0.64 UJ
Tetrachloroethene	1.02 U	**0.75 J**	1.02 U	1.02 U	1.02 U	1.02 UJ
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**320.19**	**828.72**	**6.03**	**5.65**	**4.14**	**3.5**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**2.42**	**32.23**	**1.34**	**3.71**	**0.59**	**2.2**
Trichlorofluoromethane	0.84 U	**2.19**	**2.3**	**1.4**	**1.57**	**9.55**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL108-IA 8/27/2010	SL108-SS 8/27/2010	SL109-IA 8/27/2010	SL109-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**			
1,1,1-Trichloroethane	0.82 U	**2.13**	0.82 U	**7.64**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**1.33**	**1.52 J**	**3.49**	**2.6**
1,3,5-Trimethylbenzene	0.74 U	**0.69 J**	**1.57**	**0.84**
1,4-Dichlorobenzene	0.9 U	0.9 UJ	0.9 U	0.9 U
1,4-Dioxane	1.08 U	1.08 U	1.08 UJ	1.08 UJ
2,2,4-Trimethylpentane	0.7 U	0.7 U	**0.65 J**	**0.75**
2-Butanone	**5.9**	**2.45**	0.88 U	**1.92**
2-Hexanone	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	0.74 U	0.74 U	**0.98**	**0.54 J**
4-Methyl-2-pentanone	1.23 U	**0.98 J**	**1.02 J**	**1.02 J**
Acetone	**42.74 J**	**26.12**	**45.11 J**	**49.86**
Benzene	**0.48**	0.48 U	**0.89**	**0.73**
Carbon disulfide	**0.59**	**0.44 J**	0.47 U	**0.37 J**
Carbon tetrachloride	**0.31**	**0.88 J**	**0.57**	**1.26**
Chlorobenzene	0.69 U	0.69 UJ	0.69 U	0.69 U
Chloroethane	0.4 U	**0.53**	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	**0.27 J**	0.31 U	**0.78**
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U
Cyclohexene	**0.45 J**	**0.72**	0.52 U	**1.82**
Dichlorodifluoromethane	0.74 U	**1.68**	0.74 U	**2.82**
Ethyl Acetate	**1.98**	**1.01**	**6.12**	**1.19**
Ethylbenzene	**0.43 J**	0.65 UJ	**0.82**	**0.52 J**
Freon 113	1.15 U	**1.99**	1.15 U	**3.14**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID Date Sampled	SL108-IA 8/27/2010	SL108-SS 8/27/2010	SL109-IA 8/27/2010	SL109-SS 8/27/2010
Isopropyl alcohol	**368.53 J**	**132.67 J**	**442.24 J**	**712.49**
m,p-Xylene	**1.3**	**1.13 J**	**2.65**	**1.65**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	**0.56**	**0.56**	0.52 U	**0.94**
n-Heptane	0.61 U	0.61 U	**1.39**	**0.78**
n-Hexane	**3.17**	**1.2**	**1.97**	**1.44**
o-Xylene	**0.43 J**	**0.52 J**	**0.91**	**0.78**
Styrene	0.64 U	0.64 UJ	**0.43 J**	0.64 U
Tetrachloroethene	1.02 U	1.02 UJ	1.02 U	**1.76**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**8.66**	**6.78**	**6.78**	**4.14**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**0.75**	**2.26**	**0.64**	**1.56**
Trichlorofluoromethane	**1.74**	**0.95**	0.84 U	**1.63**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL111-IA 8/28/2010	SL111-SS 8/28/2010	SL112-IA 8/28/2010	SL112-SS 8/28/2010	SL118-IA 8/27/2010	SL118-SS 8/27/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	**65.45**	0.82 U	**539.94**	**0.71 J**	**3326.9**
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	**8.5**
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	**21.8**
1,2,4-Trimethylbenzene	**5.9**	**3.64**	**2.9**	**3.24**	**4.13**	**5.41**
1,3,5-Trimethylbenzene	**1.87**	**0.93**	**1.23**	**0.88**	**1.43**	**1.43**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	**0.78 J**	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U
2,2,4-Trimethylpentane	**0.7**	**0.84**	**0.56 J**	**0.51 J**	**0.7**	**0.51 J**
2-Butanone	**3.54**	**2.8**	**3.54**	**3.24**	**5.9**	**4.42**
2-Hexanone	**0.49 J**	**0.45 J**	1.23 U	1.23 U	1.23 U	**1.06 J**
4-Ethyltoluene	**1.18**	**0.64 J**	**0.79**	**1.62**	**0.79**	**0.79**
4-Methyl-2-pentanone	**1.35 J**	**1.56 J**	**1.15 J**	**1.64 J**	**1.68**	**1.92**
Acetone	**37.99 J**	**28.49 J**	**35.62 J**	**42.74**	**35.62 J**	**26.12**
Benzene	**0.57**	**0.61**	**0.86**	**0.86**	**0.86**	**1.25**
Carbon disulfide	0.47 U	0.47 U	0.47 U	**0.59**	0.47 U	**0.87**
Carbon tetrachloride	**0.44**	**1.76**	**0.63**	**2.52**	**0.63**	**27.04**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	**3.9**	0.73 U	**20.99**
Chloromethane	0.31 U	0.31 U	0.31 U	**0.45**	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	**0.48 J**
Cyclohexene	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	**2.41**
Dichlorodifluoromethane	0.74 U	0.74 U	0.74 U	**4.94**	0.74 U	**4.55**
Ethyl Acetate	**3.57**	0.9 U	**2.92**	**2.45**	**5.04**	0.9 U
Ethylbenzene	**0.74**	**0.78**	**0.78**	**1.04**	**1.17**	**1.61**
Freon 113	1.15 U	**74.31 J**	1.15 U	**1149.07**	1.15 U	**145.55**

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	SL111-IA 8/28/2010	SL111-SS 8/28/2010	SL112-IA 8/28/2010	SL112-SS 8/28/2010	SL118-IA 8/27/2010	SL118-SS 8/27/2010
Isopropyl alcohol	**66.34 J**	**71.25 J**	**73.71 J**	**117.93 J**	**181.81 J**	**140.04**
m,p-Xylene	**2.3**	**2.47**	**2.21**	**2.6**	**3.47**	**4.34**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	0.52 U	0.52 U	**0.73**	0.52 U	**2.5**
n-Heptane	**1.31**	0.61 U	0.61 U	**0.94**	**1.35**	0.61 U
n-Hexane	0.53 U	0.53 U	0.53 U	**1.51**	**2.92**	**3.88**
o-Xylene	**1.09**	**1.13**	**0.87**	**1.17**	**1.22**	**1.61**
Styrene	**0.47 J**	0.64 U	0.64 U	**0.6 J**	**0.72**	**0.89**
Tetrachloroethene	**0.68 J**	**5.42**	1.02 U	**3.12**	1.02 U	**8.81**
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**4.9**	**5.65**	**5.27**	**7.16**	**11.68**	**13.56**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**5.16**	**53.72**	**1.29**	**966.87**	**3.49**	**1342.88**
Trichlorofluoromethane	0.84 U	**10.67**	0.84 U	**33.7**	0.84 U	**2.53**
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.38 U	0.1 U	0.38 U	0.1 U	0.38 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	OA-A 8/27/2010	OA-A 8/28/2010	OA-B 8/27/2010	OA-B 8/28/2010	OA-C 8/27/2010	OA-C 8/28/2010
Analyte	**Volatiles by EPA Method TO15 (ug/m3)**					
1,1,1-Trichloroethane	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,2,4-Trimethylbenzene	**10.32**	**2.11**	**10.81**	**2.51**	**7.86**	**2.65**
1,3,5-Trimethylbenzene	**2.6**	**0.59 J**	**2.56**	**0.98**	**3.1**	**0.79**
1,4-Dichlorobenzene	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,4-Dioxane	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ
2,2,4-Trimethylpentane	**1.82**	**0.56 J**	**2.8**	**0.65 J**	**3.5**	**0.65 J**
2-Butanone	**9.43**	**2.59**	**14.15**	**4.13**	**18.28**	**4.42**
2-Hexanone	1.23 U	**0.78 J**	1.23 U	1.23 U	1.23 U	1.23 U
4-Ethyltoluene	**1.87**	0.74 U	**2.21**	**0.49 J**	**3.05**	**0.54 J**
4-Methyl-2-pentanone	**5.73**	**0.66 J**	**2.37**	**1.27 J**	**2.42**	**1.27 J**
Acetone	**68.86 J**	**73.61 J**	**73.61 J**	**125.85 J**	**49.86 J**	**106.85 J**
Benzene	**1.09**	**0.8**	**1.18**	**0.89**	**1.21**	**0.99**
Carbon disulfide	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Carbon tetrachloride	**0.57**	**0.63**	**0.57**	**0.63**	**0.57**	**0.63**
Chlorobenzene	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Chloroethane	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloroform	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Cyclohexene	**3.17**	0.52 U	**4.82**	0.52 U	**5.16**	0.52 U
Dichlorodifluoromethane	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Ethyl Acetate	**4.68**	**1.95**	**6.12**	**2.31**	**7.2**	**2.52**
Ethylbenzene	**3.73**	0.65 U	**4.34**	**0.48 J**	**5.64**	**0.78**
Freon 113	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U

Table 5.1-1
Summary of Detected VOCs in Indoor Air & Sub Slab Samples (continued)
August 2010 Event

Location ID / Date Sampled	OA-A 8/27/2010	OA-A 8/28/2010	OA-B 8/27/2010	OA-B 8/28/2010	OA-C 8/27/2010	OA-C 8/28/2010
Isopropyl alcohol	**18.18**	**5.41**	**17.69**	**9.83 J**	**23.59**	**10.07 J**
m,p-Xylene	**10.85**	**1.17 J**	**12.59**	**1.52**	**15.63**	**2.69**
Methyl tert butyl ether	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
n-Heptane	**1.97**	0.61 U	**2.29**	**1.23**	**2.05**	0.61 U
n-Hexane	**13.74**	0.53 U	**21.84**	0.53 U	**28.18**	0.53 U
o-Xylene	**3.99**	**0.48 J**	**4.77**	**0.65**	**5.64**	**0.91**
Styrene	**1.92**	0.64 U	**2.13**	0.64 U	**2.64**	0.64 U
Tetrachloroethene	**0.75 J**	1.02 U	**0.68 J**	1.02 U	1.02 U	1.02 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**23.35**	**2.49**	**30.89**	**3.2**	**35.41**	**4.14**
trans-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Trichloroethene	**1.4**	**1.02**	**0.75**	**1.4**	**0.91**	**1.29**
Trichlorofluoromethane	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U
Vinyl acetate	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl chloride	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Key:
(DUP) = Duplicate sample taken in the field.
J = The analyte was positively identified, but the quantitation is an estimation.
U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit (MDL).
UJ = The analyte was analyzed for but was not detected. The associated value is an estimate and may be inaccurate or imprecise.

Table 5.1-2: Summary Statistics for Indoor Air, Sub-Slab Vapor and Outdoor Air Sampling – August 2010 Sampling Event

Indoor Air							
Chemical	**Minimum Concentration ($\mu g/m^3$)**	**Maximum Concentration ($\mu g/m^3$)**	**Average Concentration ($\mu g/m^3$)**	**Median Concentration ($\mu g/m^3$)**	**Location of Maximum Concentration**	**Detection Frequency**	**Percent Detected**
Acetone	13.3	90.23	35.9	32.06	SL014-IA	66 / 66	100.00
Benzene	0.35	1.12	0.701	0.7	SL091-IA	66 / 66	100.00
Benzyl Chloride	0.88	0.88	0.403	0.39	SL112-IA	1 / 66	1.52
2-Butanone	0.97	82.54	6.575	4.42	SL105-IA	60 / 66	90.91
Carbon disulfide	0.34	2.49	0.492	0.288	SL052-IA	33 / 66	50.00
Carbon tetrachloride	0.25	1.26	0.453	0.5	SL064-IA	60 / 66	90.91
Chlorobenzene	1.33	1.33	0.365	0.345	SL035-IA	1 / 66	1.52
Chloroform	1.02	1.02	0.38	0.365	SL064-IA	1 / 66	1.52
Chloromethane	0.39	0.7	0.189	0.155	SL042-IA	5 / 66	7.58
Cyclohexene	0.34	7.57	1.494	0.31	SL091-IA	31 / 66	46.97
1,4-Dichlorobenzene	0.72	0.72	0.461	0.45	SL004-IA	1 / 66	1.52
Dichlorodifluoromethane	1.78	3.36	0.575	0.37	SL064-IA	6 / 66	9.09
cis-1,2-Dichloroethene	0.4	1.55	0.358	0.295	SL009-IA	9 / 66	13.64
trans-1,2-Dichloroethene	0.67	0.67	0.305	0.295	SL023-IA	1 / 66	1.52
Ethyl Acetate	1.51	12.97	2.931	2.79	SL063-IA	45 / 66	68.18
Ethylbenzene	0.43	9.11	1.77	1.195	SL105-IA	62 / 66	93.94
4-Ethyltoluene	0.49	3.73	1.181	0.86	SL055-IA	51 / 66	77.27
Freon 113	0.77	11.49	0.947	0.575	SL065-IA	9 / 66	13.64
2-Hexanone	0.45	1.06	0.632	0.615	SL063-IA	15 / 66	22.73
Isopropyl alcohol	3.19	761.63	133.9	65.11	SL035-IA	66 / 66	100.00
4-Methyl-2-pentanone	0.45	8.6	1.77	1.39	SL064-IA	59 / 66	89.39
Methylene chloride	0.56	2.22	0.594	0.26	SL106-IA	28 / 66	42.42
n-Heptane	0.49	3.56	1.043	0.88	SL025-IA	45 / 66	68.18
n-Hexane	1.13	22.9	3.863	2.255	SL091-IA	51 / 66	77.27
Styrene	0.43	2.55	0.853	0.6	SL063-IA	40 / 66	60.61
Tetrachloroethene	0.68	2.03	0.618	0.51	SL066-IA	14 / 66	21.21

Table 5.1-2: Summary Statistics for Indoor Air, Sub-Slab Vapor and Outdoor Air Sampling – August 2010 Sampling Event (Continued)

Indoor Air							
Chemical	**Minimum Concentration (µg/m^3)**	**Maximum Concentration (µg/m^3)**	**Average Concentration (µg/m^3)**	**Median Concentration (µg/m^3)**	**Location of Maximum Concentration**	**Detection Frequency**	**Percent Detected**
Tetrahydrofuran	0.97	4.13	0.402	0.28	SL006-IA	3 / 66	4.55
Toluene	2.15	320.19	16.62	7.72	SL105-IA	66 / 66	100.00
1,1,1-Trichloroethane	0.71	34.36	0.946	0.41	SL064-IA	4 / 66	6.06
Trichloroethene	0.43	39.75	2.241	1.24	SL077-IA	66 / 66	100.00
Trichlorofluoromethane	1.24	5.62	1.387	1.375	SL069-IA	35 / 66	53.03
1,2,4-Trimethylbenzene	1.03	16.71	5.362	4.155	SL055-IA	66 / 66	100.00
1,3,5-Trimethylbenzene	0.49	4.18	1.696	1.43	SL055-IA	65 / 66	98.48
2,2,4-Trimethylpentane	0.47	4.67	0.994	0.725	SL091-IA	54 / 66	81.82
Vinyl acetate	3.31	3.31	0.401	0.35	SL062-IA	1 / 66	1.52
m,p-Xylene	0.65	26.04	5.327	3.625	SL105-IA	66 / 66	100.00
o-Xylene	0.43	6.94	1.987	1.455	SL105-IA	65 / 66	98.48

Table 5.1-2: Summary Statistics for Indoor Air, Sub-Slab Vapor and Outdoor Air Sampling – August 2010 Sampling Event (Continued)

Sub-Slab Vapor							
Chemical	**Minimum Concentration ($\mu g/m^3$)**	**Maximum Concentration ($\mu g/m^3$)**	**Average Concentration ($\mu g/m^3$)**	**Median Concentration ($\mu g/m^3$)**	**Location of Maximum Concentration**	**Detection Frequency**	**Percent Detected**
Acetone	13.53	1377.18	61.84	30.87	SL087-SS	65 / 65	100.00
Benzene	0.35	11.5	1.399	0.8	SL027-SS	58 / 65	89.23
2-Butanone	0.74	206.35	7.484	2.8	SL105-SS	63 / 65	96.92
Carbon disulfide	0.31	6.23	0.73	0.56	SL063-SS	57 / 65	87.69
Carbon tetrachloride	0.25	282.99	10.91	0.94	SL009-SS	63 / 65	96.92
Chlorobenzene	0.69	10.12	0.525	0.345	SL003-SS	2 / 65	3.08
Chloroethane	0.37	1.87	0.263	0.2	SL088-SS	5 / 65	7.69
Chloroform	0.54	20.99	1.67	0.54	SL118-SS	29 / 65	44.62
Chloromethane	0.21	2.48	0.373	0.155	SL027-SS	25 / 65	38.46
Cyclohexene	0.34	28.56	2.852	0.65	SL088-SS	46 / 65	70.77
1,4-Dichlorobenzene	0.66	5.77	0.565	0.45	SL078-SS	3 / 65	4.62
Dichlorodifluoromethane	1.19	10.88	3.03	3.16	SL063-SS	57 / 65	87.69
1,1-Dichloroethane	0.45	80.91	2.844	0.305	SL055-SS	19 / 65	29.23
1,1-Dichloroethene	0.44	21.8	1.339	0.295	SL046-SS and SL118-SS	6 / 65	9.23
cis-1,2-Dichloroethene	0.4	253.65	5.741	0.295	SL084-SS	28 / 65	43.08
trans-1,2-Dichloroethene	0.44	79.27	1.693	0.295	SL084-SS	11 / 65	16.92
1,4-Dioxane	0.61	9.73	0.761	0.54	SL055-SS	3 / 65	4.62
Ethyl Acetate	0.76	28.82	2.534	1.69	SL063-SS	47 / 65	72.31
Ethylbenzene	0.43	23	2.8	0.82	SL064-SS	56 / 65	86.15
4-Ethyltoluene	0.49	11.3	1.563	0.84	SL064-SS	48 / 65	73.85
Freon 113	0.77	1149.07	77.1	18.39	SL112-SS	60 / 65	92.31
2-Hexanone	0.41	2.62	0.718	0.615	SL086-SS	25 / 65	38.46
Isopropyl alcohol	12.04	712.49	116.3	83.53	SL109-SS	65 / 65	100.00
Methyl tert butyl ether	0.47	1.3	0.374	0.27	SL069-SS, SL099-SS, and SL107-SS	9 / 65	13.85

Table 5.1-2: Summary Statistics for Indoor Air, Sub-Slab Vapor and Outdoor Air Sampling – August 2010 Sampling Event (Continued)

Sub-Slab Vapor							
Chemical	**Minimum Concentration ($\mu g/m^3$)**	**Maximum Concentration ($\mu g/m^3$)**	**Average Concentration ($\mu g/m^3$)**	**Median Concentration ($\mu g/m^3$)**	**Location of Maximum Concentration**	**Detection Frequency**	**Percent Detected**
4-Methyl-2-pentanone	0.49	6.55	1.764	1.47	SL072-SS and SL087-SS	55 / 65	84.62
Methylene chloride	0.42	7.64	1.399	0.87	SL064-SS	59 / 65	90.77
n-Heptane	0.41	8.6	1.136	0.57	SL064-SS	35 / 65	53.85
n-Hexane	0.63	38.75	2.353	1.23	SL087-SS	44 / 65	67.69
Styrene	0.47	1.7	0.571	0.32	SL078-SS	23 / 65	35.38
Tetrachloroethene	0.75	48.14	3.607	1.02	SL010-SS	38 / 65	58.46
Tetrahydrofuran	6.78	6.78	0.399	0.28	SL063-SS	1 / 65	1.54
Toluene	1.96	828.72	27.45	6.78	SL105-SS	65 / 65	100.00
1,1,1-Trichloroethane	0.87	3326.9	220.2	44.18	SL118-SS	62 / 65	95.38
Trichloroethene	0.75	5371.52	261.6	22.02	SL084-SS	65 / 65	100.00
Trichlorofluoromethane	0.95	101.09	8.751	2.81	SL023-SS	64 / 65	98.46
1,2,4-Trimethylbenzene	1.18	27.52	5.588	3.64	SL072-SS	65 / 65	100.00
1,3,5-Trimethylbenzene	0.64	10.32	1.858	1.18	SL072-SS	60 / 65	92.31
2,2,4-Trimethylpentane	0.47	3.69	0.891	0.7	SL006-SS	46 / 65	70.77
Vinyl chloride	0.26	0.46	0.208	0.19	SL072-SS	3 / 65	4.62
m,p-Xylene	0.82	65.11	7.55	2.56	SL105-SS	64 / 65	98.46
o-Xylene	0.43	17.8	2.555	1.17	SL064-SS	62 / 65	95.38

Table 5.1-2: Summary Statistics for Indoor Air, Sub-Slab Vapor and Outdoor Air Sampling – August 2010 Sampling Event (Continued)

Outdoor Air							
Chemical	**Minimum Concentration ($\mu g/m^3$)**	**Maximum Concentration ($\mu g/m^3$)**	**Average Concentration ($\mu g/m^3$)**	**Median Concentration ($\mu g/m^3$)**	**Location of Maximum Concentration**	**Detection Frequency**	**Percent Detected**
Acetone	49.86	125.85	83.11	73.61	SL00B-OA	6 / 6	100.00
Benzene	0.8	1.21	1.027	1.04	SL00C-OA	6 / 6	100.00
2-Butanone	2.59	18.28	8.833	6.925	SL00C-OA	6 / 6	100.00
Carbon tetrachloride	0.57	0.63	0.6	0.6	SL00A-OA, SL00B-OA, and SL00C-OA	6 / 6	100.00
Cyclohexene	3.17	5.16	2.347	1.74	SL00C-OA	3 / 6	50.00
1,3-Dichlorobenzene	1.86	3.85	3.147	3.58	SL00C-OA	6 / 6	100.00
Ethyl Acetate	1.95	7.2	4.13	3.6	SL00C-OA	6 / 6	100.00
Ethylbenzene	0.48	5.64	2.549	2.255	SL00C-OA	5 / 6	83.33
4-Ethyltoluene	0.49	3.05	1.422	1.205	SL00C-OA	5 / 6	83.33
2-Hexanone	0.78	0.78	0.643	0.615	SL00A-OA	1 / 6	16.67
Isopropyl alcohol	5.41	23.59	14.13	13.88	SL00C-OA	6 / 6	100.00
4-Methyl-2-pentanone	0.66	5.73	2.287	1.82	SL00A-OA	6 / 6	100.00
n-Heptane	1.23	2.29	1.383	1.6	SL00B-OA	4 / 6	66.67
n-Hexane	13.74	28.18	10.76	7.003	SL00C-OA	3 / 6	50.00
Styrene	1.92	2.64	1.275	1.12	SL00C-OA	3 / 6	50.00
Tetrachloroethene	0.68	0.75	0.578	0.51	SL00A-OA	2 / 6	33.33
Toluene	2.49	35.41	16.58	13.75	SL00C-OA	6 / 6	100.00
Trichloroethene	0.75	1.4	1.128	1.155	SL00A-OA and SL00B-OA	6 / 6	100.00
1,2,4-Trimethylbenzene	2.11	10.81	6.043	5.255	SL00B-OA	6 / 6	100.00
1,3,5-Trimethylbenzene	0.59	3.1	1.77	1.77	SL00C-OA	6 / 6	100.00
2,2,4-Trimethylpentane	0.56	3.5	1.663	1.235	SL00C-OA	6 / 6	100.00
m,p-Xylene	1.17	15.63	7.408	6.77	SL00C-OA	6 / 6	100.00
o-Xylene	0.48	5.64	2.74	2.45	SL00C-OA	6 / 6	100.00

Table 5.1-3: Recommended Action Based on NYSDOH Guidance – August 2010

Sampling Location	Final Recommendation
SL002	Mitigate
SL003	Identify source(s) and reduce exposures
SL004	Monitor
SL005	Monitor/Mitigate
SL006	Mitigate
SL009	Mitigate
SL010	Mitigate
SL011	Monitor/Mitigate
SL013	Identify source(s) and reduce exposures
SL014	Monitor
SL016	Mitigate
SL022	Mitigate
SL023	Monitor
SL025	Monitor
SL027	Mitigate
SL030	Mitigate
SL031	Monitor/Mitigate
SL032	Identify source(s) and reduce exposures
SL035	Mitigate
SL041	Monitor
SL042	Monitor
SL043	Mitigate
SL044	Mitigate
SL046	Mitigate
SL052	Mitigate
SL054	Monitor
SL055	Mitigate
SL058	Identify source(s) and reduce exposures
SL062	Monitor
SL063	Monitor
SL064	Monitor
SL065	Identify source(s) and reduce exposures
SL066	Identify source(s) and reduce exposures
SL069	Identify source(s) and reduce exposures
SL072	Mitigate
SL074	Identify source(s) and reduce exposures
SL076	Mitigate
SL077	Mitigate
SL078	Monitor
SL079	Mitigate

Table 5.1-3: Recommended Action Based on NYSDOH Guidance – August 2010 (Continued)

Sampling Location	Final Recommendation
SL084	Mitigate
SL086	Monitor
SL087	Identify source(s) and reduce exposures
SL088	Monitor
SL090	ND (Sub-slab)
SL091	Identify source(s) and reduce exposures
SL094	Monitor
SL095	Mitigate
SL098	Mitigate
SL099	Monitor/Mitigate
SL101	Mitigate
SL103	Monitor
SL105	Monitor
SL106	Identify source(s) and reduce exposures
SL107	Identify source(s) and reduce exposures
SL108	Identify source(s) and reduce exposures
SL109	Identify source(s) and reduce exposures
SL111	Mitigate
SL112	Mitigate
SL118	Mitigate

Table 5.2-1: Summary of Detected VOCs in Monitoring Well Samples – November 2010

Monitoring Well	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl Chloride	1,4-Dioxane
DW1	0.18 J	1 U	1 U	10 U	0.3 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	0.97 U
DW3	1 U	1 U	1 U	3.6 J	0.3 U	8.4	2 U	1 U	0.095 J	1 U	1 U	1 U	1 U	3.3
SW1	0.11 J	1 U	1 U	10 U	0.3 U	1 U	2 U	1 U	0.083 J	1 U	1 U	1 U	1 U	1.1 U
SW1 (DUP)	0.11 J	1 U	1 U	10 U	0.3 U	1 U	2 U	1 U	0.073 J	1 U	1 U	1 U	1 U	0.98 U
SW3	0.41 J	1 U	1 U	10 U	0.068 J	0.17 J	2 U	1 U	1 U	1 U	0.59 J	1 U	1 U	1 U
SW4	1.6	1.1	0.64 J	10 U	0.3 U	3.2	0.28 J	0.2 J	0.096 J	0.27 J	48	0.69 J	1 U	1.6
SW7	1	0.58 J	0.21 J	10 U	0.3 U	4.3	2 U	0.27 J	1 U	0.096 J	2.4	1 U	1 U	1.5
URS-2D	1 U	0.23 J	1 U	10 U	0.3 U	69	2 U	1 U	0.095 J	0.11 J	1 U	1 U	0.22 J	29
URS-2S	2.2	1.1	0.37 J	10 U	0.093 U	1.3	2 U	1 U	0.087 J	1 U	2.6	1 U	1 U	10
URS-3D	0.8 J	0.11 J	0.1 J	10 U	0.084 J	0.76 J	2 U	1 U	0.1 J	1 U	1.4	1 U	1 U	2.9
URS-5S	0.24 J	1 U	1 U	10 U	0.057 J	1 U	2 U	1 U	0.079 J	1 U	0.37 J	1 U	1 U	0.36 J

Table 5.2-2: Trend Analysis of VOCs in Groundwater

Well ID	Date Sampled	Concentration of Analyte in Groundwater (ug/L)						
		TCA	TCE	VC	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCA
SW1	Sept. 1986	0	0	0	0	0	0	0
	Jan. 1992	0.5	0	0	0	0	0	0
	Dec. 1994	0	0	0	0	0	0	0
	Nov. 1999	0	0	0	0	0	0	0
	May 2000	0	0	0	0	0	0	0
	Nov. 2000	0	0	0	0	0	0	0
	May 2001	0	0	0	0	0	0	0
	Nov. 2001	0.11	0	0	0	0	0	0
	May 2002	0	0	0	0	0	0	0
	May 2003	0	0	0	0	0	0	0
	Nov. 2003	0	0	0	0	0	0	0
	Jun. 2004	0	0	0	0	0	0	0
	Nov. 2004	0	0	0	0	0	0	0
	Oct. 2005	0	0	0	0	0	0	0
	Jun. 2008	0	0	0	0	0	0	0
	Nov. 2009	0	0	0	0	0	0	0
	Nov. 2010	0.11	0	0	0	0	0	0
DW1	Jan. 1992	0.6	0	0	0	0	0	0
	Dec. 1994	0	0	0	0	1.8	0	0
	Nov. 1999	0	0	0	0	0	0	0
	May 2000	0	0	0	0	0	0	0
	Nov. 2000	0	0	0	0	0	0	0
	May 2001	0	0	0	0	0	0	0
	Nov. 2001	0	0	0	0	0	0	0
	May 2002	0	0	0	0	0	0	0
	May 2003	0	0	0	0	0	0	0
	Nov. 2003	0	0	0	0	0	0	0
	Jun. 2004	0	0	0	0	0	0	0
	Nov. 2004	0	0	0	0	0	0	0
	Oct. 2005	0	0	0	0	0	0	0
	Jun. 2008	0	0	0	0	0	0	0
	Nov. 2009	0	0	0	0	0	0	0
	Nov. 2010	0.18	0	0	0	0	0	0

Table 5.2-2: Trend Analysis of VOCs in Groundwater (Continued)

Well ID	Date Sampled	Concentration of Analyte in Groundwater (ug/L)						
		TCA	TCE	VC	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCA
SW3	Sept. 1986	0	6	0	0	0	0	0
	Jan. 1992	12	9	0	0	0	0	5
	Dec. 1994	0.5	1.8	0	0	0	0	0
	Dec. 1995	0.86	2.8	0	0	0.44	0	0
	July 1997	0	1	0	0	0	0	0
	Nov. 1998	0.22	0.81	0	0	0.1	0	0
	Apr. 1999	0.51	0.71	0	0	0.17	0	0
	Nov. 1999	0.29	0.9	0	0	0.39	0	0
	May 2000	0.69	1	0	0	1.29	0	0.55
	Nov. 2000	0.43	0.9	0	0	0.22	0	0
	May 2001	0.46	0.8	0	0	1.29	0	0.32
	Nov. 2001	0.32	0.5	0	0	0	0	0
	May 2002	0.42	0.8	0	0	0.46	0	0
	May 2003	0.58	0.89	0	0	1.37	0	0.302
	Nov. 2003	0.4	0.86	0	0	0.511	0	0
	Jun. 2004	0.9	0.94	0	0	3.7	0	0.95
	Nov. 2004	0.52	1	0.26	0	1.5	0	0.38
	Oct. 2005	0.47	0.86	0	0	0.55	0	0
	Jun. 2008	0.66	1.31	0	0	1.45	0	0.403
	Nov. 2008	0.35	0.76	0	0	0	0	0
	Nov. 2009	0.37	0.62	0	0	0.539	0	0
	Nov. 2010	0.41	0.59	0	0	0.17	0	0
DW3	Jan. 1992	0.3	0	0	0	0	0	0.3
	Dec. 1994	0	0	0.28	0	36	0	0.26
	Dec. 1995	0	0	0	0	5.2	0	0
	April 1997	0	0	0	0	41	0	0
	July 1997	0	0	0	0	49	0	0
	Nov. 1998	0	0	0.35	0	66	0	0.34
	Apr. 1999	0	0	0.28	0.11	67	0	0.35
	Nov 1999	0	0	0	0	0	0	0.11
	May 2000	0	0	0	0	24.98	0.25	0.16
	Nov. 2000	0	0	0	0	16.85	0	0
	May 2001	0	0	0	0	13.29	0	0
	Nov. 2001	0	0	0	0	13.58	0	0
	May 2002	0	0	0	0	21.08	0	0.1
	May 2003	0	0	0	0	0	0	0
	Nov. 2003	0	0	0	0	1.18	0	0

Table 5.2-2: Trend Analysis of VOCs in Groundwater (Continued)

Well ID	Date Sampled	Concentration of Analyte in Groundwater (ug/L)						
		TCA	TCE	VC	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCA
DW3	Jun. 2004	0	0	0	0	1.3	0	0
	Nov. 2004	0	0	0	0	2.1	0	0
	Oct. 2005	0	0	0	0	3	0	0
	Jun. 2008	0	0	0	0	73.1	0	0
	Nov. 2008	0	0	0	0	67.3	0	0.41
	Nov. 2009	0	0	0	0	64.3	0	0.369
	Nov. 2010	0	0	0	0	8.4	0	0
SW4	Jan. 1992	2	97	0	0.3	0	0	0.6
	Dec. 1994	20	370	0	2.1	19	0	8.5
	Dec. 1995	34	1200	0	4.9	34	2.1	6.9
	April 1997	0	0	0	0	71	0	7.1
	July 1997	23	290	0	0	15	0	0
	Nov. 1998	8	46	0.42	0.82	10	0	9
	Apr. 1999	1.9	9.53	0	0	1.85	0	0.87
	Nov. 1999	2.13	9.5	0	0.18	7.15×	0	7.7
	May 2000	2.88	8	0.11	0.21	4.3	0.49	1.67
	Nov. 2000	1.14	15.2	1.49	0.29	11.18	0	15.25
	May 2001	3.35	34	0	0.36	3.19	0.38	1.3
	Nov. 2001	0.88	5.7	0.43	0.12	5.27	0	7.18
	May 2002	2.54	21.6	0	0.34	2.07	0	0.79
	May 2003	3.05	9.09	0	0	3.36	0	1.44
	Nov. 2003	2.03	4.63	0	0	1.93	0	0.93
	Jun. 2004	2.8	41	0	0.57	3.3	0.11	1.3
	Nov. 2004	3.1	56	0	0.88	4.1	0.19	1.4
	Oct. 2005	2.2	43	0	1	6.3	0	1.7
	Jun. 2008	2.98	17.8	0	0.751	3.38	0	1.51
	Nov. 2008	0.51	12.7	0	0	0	0.364	0.825
	Nov. 2009	1.38	11.1	0	0	1.85	0	0.536
	Nov. 2010	1.6	48	0	0.64	3.2	0.27	1.1
SW7	Jan. 1992	0.2	0.4	0	0	0	0	0
	Dec. 1994	4.6	15	6.2	1	150	0.3	33
	Dec. 1995	2.2	7.9	6.8	0.8	130	0	20
	July 1997	0	4	0	0	2	0	0
	Nov. 1998	2.5	11	3.4	0.65	82	0.28	12
	Apr. 1999	1.23	3.95	0	0	5.25	0	1.46
	Nov. 1999	1.01	5.7	0	0.19	18.8	0	3.38
	May 2000	0.67	1.5	0	0	2.43	0.12	0.71

Table 5.2-2: Trend Analysis of VOCs in Groundwater (Continued)

Well ID	Date Sampled	Concentration of Analyte in Groundwater (ug/L)						
		TCA	TCE	VC	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCA
SW7	Nov. 2000	0.91	3.8	0.52	0.15	16.06	0	3.48
	May 2001	1.18	1.9	0	0	1.46	0	0.47
	Nov. 2001	0.8	4.7	0.85	0.19	25.89	0.13	3.02
	May 2002	0.87	1.65	0	0	2.79	0	0.47
	May 2003	1.5	1.44	0	0	1.43	0	0.409
	Nov. 2003	0.67	1.64	0	0	2.76	0	0.509
	Jun. 2004	0.7	0.99	0	0	1.1	0	0.28
	Nov. 2004	1.5	2.1	0.47	0.25	10	0	1.5
	Oct. 2005	0.73	3.1	0	0	12	0	1.4
	Jun. 2008	2.5	2.9	0	0	6.34	0	1.59
	Nov. 2008	1.88	8.15	1.21	0	35.3	0.302	5.04
	Nov. 2009	1.24	2.42	0	0	5.21	0	0.905
	Nov. 2010	1	2.4	1	0.21	4.3	0.096	0.58

Table 7.1-1
Remedial Alternatives

Remedial Alternative	Screening Criteria			Screening Rationale	Estimated Cost
	Effectiveness	Implementability	Cost-Effectiveness		
No Further Action	LOW This alternative does nothing to reduce contaminant concentrations. Any reduction in COCs would be due to natural process, and is expected to be slow.	HIGH No remediation or monitoring activities are required to implement this alternative.	LOW Although there are no costs associated with this alternative, there is also no contaminant reduction.	Evaluation of the No Action alternative is required by CERCLA to establish a baseline to which all other alternatives will be compared. This alternative is not protective of human health or the environment.	$0
Long Term Monitoring	LOW This alternative does nothing to reduce contaminant concentrations. Any reduction in COCs would be due to natural process, and is expected to be slow.	HIGH Existing vapor monitoring locations would be utilized to monitor vapor concentrations in the sub-slab and indoor air.	MEDIUM Some sample ports have already been installed through the slab, thus reducing the cost of installation. Although the costs associated with this alternative are moderate, there is no contaminant reduction.	Some evidence of natural attenuation processes has been observed (formation of daughter products), however the rate of contaminant reduction is too slow to ensure contaminant reduction to below action levels within a reasonable timeframe, and preclude receptor exposure to harmful vapor concentrations. This alternative is not considered protective of human health or the environment.	$3,286,639
Sub-Slab Depressurization	LOW TO MEDIUM CVOCs are amenable to volatilization. The effectiveness of this alternative depends on air movement beneath the slab. However, this alternative does nothing to reduce contaminant concentrations in the TCE hot Spot located adjacent to the Fire Suppression Reservoir. Any reduction in COCs at the hot spot would be due to natural process, and is expected to be slow.	MEDIUM Requires installation of a vapor collection and treatment system in the building. This would require penetration of the slab at numerous locations and installation of conveyance piping.	HIGH Cost is likely to be very high due to filtration media change-out and regular monitoring of the influent and effluent vapor streams.	Requires Long Term Monitoring and Long Term Operation which adds cost. In addition, institutional controls will have to be applied restricting property use. This alternative is considered protective of human health and the environment.	$10,729,749
Building Demolition with Soil Excavation and Disposal	HIGH Excavation will effectively remove VOC-contaminated soil and prevent further adverse impact to groundwater.	MEDIUM TO HIGH The excavation of contaminated soil to a depth of approximately 5 feet can be performed by using standard excavation methods. Waste management disposal facilities are available for acceptance of non-hazardous and hazardous wastes.	HIGH Reclamation and recycling of materials will off-set the costs of demolition of the facility. Additional cost savings would results from reduction of LTM requirements.	This is likely to be a cost-effective option since recycling of some materials will off-set the costs of demolition and a small volume of soil, is expected to be characterized as hazardous waste. This option provides maximum protection of the groundwater. This alternative is considered protective of human health and the environment.	$23,367,781

Appendix A

Field Forms

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AFP 59 Project No. 60160780	Sample ID: SL002-1A-05N SL002-SS-05N|D
Investigator Name(s): LP/DF	Sample Location: Door 16
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.6
Time: 1132	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: N-1137 D-1137	Sample Start Time: 1137
Sample Check Time: 1909	Sample Check Time: 1909
Sample End Time: 1027	Sample End Time: 1027
Regulator ID: N-113, D-147	Regulator ID: 58
Canister ID: N-100, D-545	Canister ID: 348
Purge Volume: 200 cc	Purge Volume: 200 cc
Tubing Length: 5"	Tubing Length: ~~5'~~ 5'
Initial Vacuum Gauge Reading: N-27 in Hg D-29 in Hg	Initial Vacuum Gauge Reading: 30 in Hg
Intermediate Vacuum Gauge Reading: N-18 in Hg D-19 in Hg	Intermediate Vacuum Gauge Reading: 20 in Hg
Final Vacuum Gauge Reading: N: 0 in Hg D-0 in Hg	Final Vacuum Gauge Reading: 0 in Hg

NOTES

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2013
Time:	Time: 1133
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 20.6
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 0.4
Methane (CH_4):	Methane (CH_4): 0.0
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL603-IA-05N SL603-SS-05N/D
Investigator Name(s): LP/DF	Sample Location: Near end of orange wall
Date: 8/28/2010	Sub-slab Vapor Purge PID:
Time: 1145	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: N-1152 D-1152	Sample Start Time: 1153
Sample Check Time: 1859	Sample Check Time: 1859
Sample End Time: 1045	Sample End Time: 1045
Regulator ID: ~~N-115~~ N-115, D-427	Regulator ID: 384
Canister ID: N-457, D-272	Canister ID: 193
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5"	Tubing Length: 5"
Initial Vacuum Gauge Reading: N-25 in Hg D-28 in Hg	Initial Vacuum Gauge Reading: 28 in Hg
Intermediate Vacuum Gauge Reading: N-0 in Hg D-22 in Hg	Intermediate Vacuum Gauge Reading: 21 in Hg
Final Vacuum Gauge Reading: N-0 in Hg D-0 in Hg	Final Vacuum Gauge Reading: ~~5 in Hg~~ 7 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2010
Time:	Time: 1146
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 19.9
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 1.3
Methane (CH_4):	Methane (CH_4): 0.0
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL004-IA005N|MS|MSD SL004-SS005N
Investigator Name(s): HJ|LSG	Sample Location: SL004
Date: 8|28|10	Sub-slab Vapor Purge PID: 0.1
Time: 1103	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1111	Sample Start Time: 1110
Sample Check Time: 1909	Sample Check Time: 1909
Sample End Time: 1011	Sample End Time: 1011
Regulator ID: 405	Regulator ID: 400
Canister ID: 161	Canister ID: 214
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: >30	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 20	Intermediate Vacuum Gauge Reading: 18
Final Vacuum Gauge Reading: 2	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1109	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.5	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.2	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL005-IA005N SL005-SS005N
Investigator Name(s): HJ / EG	Sample Location: SL005
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.5
Time: 2106	Ambient PID: 0.3

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2110	Sample Start Time: 2111
Sample Check Time: 0957	Sample Check Time: 0957
Sample End Time: 1844	Sample End Time: 1844
Regulator ID: 378	Regulator ID: 296
Canister ID: 228	Canister ID: 202
Purge Volume: 120	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 28	Initial Vacuum Gauge Reading: 31
Intermediate Vacuum Gauge Reading: 10	Intermediate Vacuum Gauge Reading: 19
Final Vacuum Gauge Reading: 0	Final Vacuum Gauge Reading: 10

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 2109	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL006 - 1A - 0SN SL006 - SS - 0SN
Investigator Name(s): DF/LP	Sample Location:
Date: 8/27/2010	Sub-slab Vapor Purge PID:
Time: 2031	Ambient PID:

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2036	Sample Start Time: 2037
Sample Check Time: 945	Sample Check Time: 945
Sample End Time: 1812	Sample End Time: 1812
Regulator ID: 380	Regulator ID: 21
Canister ID: 162	Canister ID: 347
Purge Volume: 120cc	Purge Volume: 1200
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 27 in Hg	Initial Vacuum Gauge Reading: 25 in Hg
Intermediate Vacuum Gauge Reading: 8 in Hg	Intermediate Vacuum Gauge Reading: 0 in Hg
Final Vacuum Gauge Reading: 0	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date: 8/27/2010	Date:
Time: 2033	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL009-1A-05N SL009-SS-05N
Investigator Name(s): DF/LP	Sample Location:
Date: 8/27/2010	Sub-slab Vapor Purge PID:
Time: 2100	Ambient PID:

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2102	Sample Start Time: 2103
Sample Check Time: 946	Sample Check Time: 941
Sample End Time: 1821	Sample End Time: 1821
Regulator ID: 2006	Regulator ID: 51
Canister ID: 129	Canister ID: 274
Purge Volume: 1200 cc	Purge Volume: 120 cc
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 30 in Hg
Intermediate Vacuum Gauge Reading: 13 in Hg	Intermediate Vacuum Gauge Reading: 4 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 4 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 21.0	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL010 - IA - 05N SL010 - SS - 05N
Investigator Name(s): DF / LP	Sample Location:
Date: 8/27/2010	Sub-slab Vapor Purge PID: —
Time: 2042	Ambient PID: —

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2047	Sample Start Time: 2048
Sample Check Time: 947	Sample Check Time: 947
Sample End Time: 1818	Sample End Time: 1818
Regulator ID: 172	Regulator ID: 81
Canister ID: 205	Canister ID: 275
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: 24 in Hg	Initial Vacuum Gauge Reading: 25 in Hg
Intermediate Vacuum Gauge Reading: 14 in Hg	Intermediate Vacuum Gauge Reading: 10 in Hg
Final Vacuum Gauge Reading: 10 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/2010	Date:
Time: ~~2030~~ 2046	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.7	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.4	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL011-SSOOSN SL011-IAOOSN
Investigator Name(s): HJ/IG	Sample Location: SL011
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.8
Time: 2113	Ambient PID: 0.3

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2117	Sample Start Time: 2120
Sample Check Time: 0959	Sample Check Time: 0959
Sample End Time: 1850	Sample End Time: 1850
Regulator ID: 263	Regulator ID: 260
Canister ID: 425	Canister ID: 92
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 30	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 20	Intermediate Vacuum Gauge Reading: 11
Final Vacuum Gauge Reading: 11	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: ←	Indoor Pressure:
Oxygen (O_2): 20.6	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.2	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL013-SSOO8N SL013-IN005N
Investigator Name(s): HJ/2010	Sample Location: SL013
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.5
Time: 2038	Ambient PID: 0.3

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2043	Sample Start Time: 2043
Sample Check Time: 1001	Sample Check Time: 1001
Sample End Time: 1834	Sample End Time: 1834
Regulator ID: 57	Regulator ID: 344
Canister ID: 324	Canister ID: 165
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 26	Initial Vacuum Gauge Reading: 29.5
Intermediate Vacuum Gauge Reading: 19	Intermediate Vacuum Gauge Reading: 11
Final Vacuum Gauge Reading: ~~4~~ 15	Final Vacuum Gauge Reading: ~~7~~ 1.5

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 2042	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.0	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL014 - 1A - 05N SL014 - SS - 05N
Investigator Name(s): LP / DF	Sample Location:
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.3
Time: 1154	Ambient PID: 0.1

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1200	Sample Start Time: 1200
Sample Check Time: 1901	Sample Check Time: 1901
Sample End Time: 1049	Sample End Time: 1049
Regulator ID: 300	Regulator ID: 301
Canister ID: 334	Canister ID: 360
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 30 in Hg	Initial Vacuum Gauge Reading: 28 in Hg
Intermediate Vacuum Gauge Reading: 25 in Hg	Intermediate Vacuum Gauge Reading: 20 in Hg
Final Vacuum Gauge Reading: 15 in Hg	Final Vacuum Gauge Reading: ~~20~~ 0 in Hg

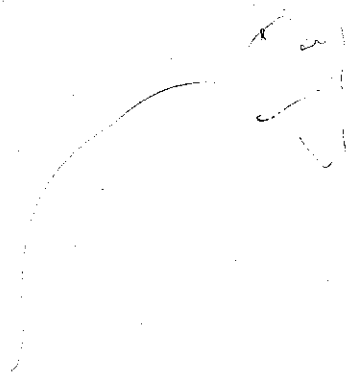
NOTES

Port contains a lot of dust

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2010
Time:	Time: 1130
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 21.0
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 0.1
Methane (CH_4):	Methane (CH_4): 0.0
NOTES	



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AFP 59 Project No. 60160780	Sample ID: SL016-1A-0SN SL016-SS-0SN
Investigator Name(s): LP/DF	Sample Location:
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.4
Time: 1138	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1144	Sample Start Time: 1143
Sample Check Time: 1900	Sample Check Time: 1900
Sample End Time: 1030	Sample End Time: 1030
Regulator ID: 249	Regulator ID: 385
Canister ID: 237	Canister ID: 495
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 28 in Hg
Intermediate Vacuum Gauge Reading: 20 in Hg	Intermediate Vacuum Gauge Reading: 18 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/2010	Date:
Time: 1143	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.0	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.3	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL022 - IA - 05N SL022 - SS - 05N
Investigator Name(s): LP/DF	Sample Location: Entrance of Out
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.0
Time: 1202	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1209	Sample Start Time: 1208
Sample Check Time: 1904	Sample Check Time: 1904
Sample End Time: 1055	Sample End Time: 1055
Regulator ID: 109	Regulator ID: 117
Canister ID: 159	Canister ID: 286
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 30 in Hg
Intermediate Vacuum Gauge Reading: 13 in Hg	Intermediate Vacuum Gauge Reading: 30 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 21 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2010
Time:	Time: 1203
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 20.9
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 0.1
Methane (CH_4):	Methane (CH_4): 0.0
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL023-SSOOSN SL023-IAOOSN
Investigator Name(s): HJ / IG	Sample Location: SL023
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.6
Time: 2029	Ambient PID: 0.3

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2033	Sample Start Time: 2034
Sample Check Time: 0950	Sample Check Time: 0950
Sample End Time: 1823	Sample End Time: 1823
Regulator ID: 60	Regulator ID: 337
Canister ID: 479	Canister ID: 316
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 29	Initial Vacuum Gauge Reading: 25
Intermediate Vacuum Gauge Reading: 19.5	Intermediate Vacuum Gauge Reading: 8
Final Vacuum Gauge Reading: 14	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 2031	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 18.5	Oxygen (O_2):
Carbon Dioxide (CO_2): 2.8	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
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AFP 59 Project No. 60160780	Sample ID: SL025-1A-05N SL025-SS-05N
Investigator Name(s): DF/LP	Sample Location: Entrance to Storage
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0
Time: ~~1~~ 1P 2025	Ambient PID: —

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2029	Sample Start Time: 2030
Sample Check Time: 943	Sample Check Time: 943
Sample End Time: 1602	Sample End Time: 1602
Regulator ID: 456	Regulator ID: 178
Canister ID: 465	Canister ID: 163
Purge Volume:	Purge Volume:
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: ~~2078~~ 30 in Hg	Initial Vacuum Gauge Reading: 28 in Hg
Intermediate Vacuum Gauge Reading: 17 in Hg	Intermediate Vacuum Gauge Reading: 9 in Hg
Final Vacuum Gauge Reading: 7 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/2010	Date:
Time: 2024	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.2	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL027-1A-0SN SL027-SS-0SN
Investigator Name(s): LP/DF	Sample Location:
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.0
Time: 1310	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1317	Sample Start Time: 1318
Sample Check Time: 1857	Sample Check Time: 1857
Sample End Time: 1122	Sample End Time: 1122
Regulator ID: 258	Regulator ID: 402
Canister ID: ~~540~~ LP 1330	Canister ID: 542
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 30 in Hg
Intermediate Vacuum Gauge Reading: 21 in Hg	Intermediate Vacuum Gauge Reading: 20 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/2010	Date:
Time: 1311	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 21.3	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.0	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL030-1A-0SN SL030-SS-0SN
Investigator Name(s): LP / DF	Sample Location:
Date: ~~8/27/2010~~ 8/28/2010	Sub-slab Vapor Purge PID: 0.3
Time: 1243	Ambient PID: 0.1

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1249	Sample Start Time: 1250
Sample Check Time: 1911	Sample Check Time: 1911
Sample End Time: 1106	Sample End Time: 1106
Regulator ID: 773	Regulator ID: 375
Canister ID: 2229	Canister ID: 4218
Purge Volume: 120 cc	Purge Volume: 120 cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 28 in Hg
Intermediate Vacuum Gauge Reading: 20 in Hg	Intermediate Vacuum Gauge Reading: 23 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 13 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/2015	Date: ~~8/28/2015~~
Time: 1246	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.7	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.4	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL031 - 1A - 05N SL031 - SS - 05N
Investigator Name(s): LP/DF	Sample Location: Room 042
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.4
Time: 1108	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1115	Sample Start Time: 1114
Sample Check Time: 1914	Sample Check Time: 1914
Sample End Time: 1007	Sample End Time: 1007
Regulator ID: 439	Regulator ID: 152
Canister ID: 201	Canister ID: 363
Purge Volume: 1200cc	Purge Volume: 1200cc
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 29 in Hg
Intermediate Vacuum Gauge Reading: 21 in Hg	Intermediate Vacuum Gauge Reading: 20 in Hg
Final Vacuum Gauge Reading: 7 in Hg	Final Vacuum Gauge Reading: 4 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2010
Time:	Time: 1114
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 20.4
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 1.0
Methane (CH_4):	Methane (CH_4): 0.0
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AFP 59 Project No. 60160780	Sample ID: SL032-1A-05N SL032-SS-05N
Investigator Name(s): LP/DF	Sample Location: ROOM R52
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.2
Time: 1125	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1129	Sample Start Time: 1129
Sample Check Time: 1913	Sample Check Time: 1913
Sample End Time: 1019	Sample End Time: 1019
Regulator ID: 379	Regulator ID: ~~554~~ 380
Canister ID: 355	Canister ID: 554
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 30 in Hg
Intermediate Vacuum Gauge Reading: 18 in Hg	Intermediate Vacuum Gauge Reading: 19 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 3 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2020
Time:	Time: 1128
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 21.0
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 0.0
Methane (CH_4):	Methane (CH_4): 0.0
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL035-1A-05N SL035-SS-05N
Investigator Name(s): DF/LP	Sample Location:
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.8
Time: 1944	Ambient PID: 0.2 ppm

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1947	Sample Start Time: 1947
Sample Check Time: 940	Sample Check Time: 940
Sample End Time: 1710	Sample End Time: 1710
Regulator ID: 306	Regulator ID: 128
Canister ID: 288	Canister ID: 190
Purge Volume:	Purge Volume:
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: 30 in Hg	Initial Vacuum Gauge Reading: 30 in Hg
Intermediate Vacuum Gauge Reading: ~~0 in Hg~~ 27 in Hg	Intermediate Vacuum Gauge Reading: ~~27 in Hg~~ 0 in Hg
Final Vacuum Gauge Reading: 23 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/2010	Date:
Time: 1944	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 18.6	Oxygen (O_2):
Carbon Dioxide (CO_2): 2.9	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL041-SSOOSN/ID SL041-INOOSN
Investigator Name(s): HJ/IG	Sample Location: SL041
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.5
Time: 1936	Ambient PID: 0.3

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: N 1941 D 1941	Sample Start Time: 1942
Sample Check Time: 0940	Sample Check Time: 0940
Sample End Time: 1753	Sample End Time: 1753
Regulator ID: N 261 D 392	Regulator ID: 253
Canister ID: N 458 D 315	Canister ID: 333
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: N 26 D 28.5	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 0 22	Intermediate Vacuum Gauge Reading: 20
Final Vacuum Gauge Reading: N 0 D 12	Final Vacuum Gauge Reading: 14

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 1939	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 15.4	Oxygen (O_2):
Carbon Dioxide (CO_2): 04.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL042-IA-OSN|D SL042-SS-OSN|D
Investigator Name(s): LP/DF	Sample Location: Bldg 18 room 042
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.1
Time: 1042	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: N-1052 D-1053	Sample Start Time: N-1051 D-1053
Sample Check Time: 1914	Sample Check Time: 1914
Sample End Time: 950	Sample End Time: 950
Regulator ID: N-127, D-293	Regulator ID: N-251, ~~D-123~~ D-1246
Canister ID: N-167, D-317	Canister ID: N-222, D-128
Purge Volume: 120cc	Purge Volume: 120 cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: N-30 in Hg D-28 in Hg	Initial Vacuum Gauge Reading: N-30 in Hg D-29 in Hg
Intermediate Vacuum Gauge Reading: N-~~2~~19 in Hg D-20 in Hg	Intermediate Vacuum Gauge Reading: N-21 in Hg, D-17 in Hg
Final Vacuum Gauge Reading: N-0 in Hg D-4 in Hg	Final Vacuum Gauge Reading: N-5 in Hg, D-0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/25/2010
Time:	Time: 1050
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 20.9
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 0.4
Methane (CH_4):	Methane (CH_4): 0.0
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL043-~~SS~~AOOSN SL043-SSOOSN
Investigator Name(s): HJ/ISG	Sample Location: SL043
Date: 8/28/10	Sub-slab Vapor Purge PID: 1.7
Time: 1240	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1245	Sample Start Time: 1245
Sample Check Time: 1916	Sample Check Time: 1916
Sample End Time: 1101	Sample End Time: 1101
Regulator ID: 346	Regulator ID: 302
Canister ID: 328	Canister ID: 287
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 29.5	Initial Vacuum Gauge Reading: 30
Intermediate Vacuum Gauge Reading: 21	Intermediate Vacuum Gauge Reading: 2
Final Vacuum Gauge Reading: 2	Final Vacuum Gauge Reading: 2

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1243	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 19.8	Oxygen (O_2):
Carbon Dioxide (CO_2): 1.4	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL044-IN005N SL044-SS005N
Investigator Name(s): HJ/ISG	Sample Location: SL044
Date: 8/28/10	Sub-slab Vapor Purge PID: 0.7
Time: 1250	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1256	Sample Start Time: 1258
Sample Check Time: 1920	Sample Check Time: 1920
Sample End Time: 1107	Sample End Time: 1107
Regulator ID: 372	Regulator ID: 435
Canister ID: 544	Canister ID: 407
Purge Volume: 120	Purge Volume: —
Tubing Length: —	Tubing Length: 41
Initial Vacuum Gauge Reading: 27.5	Initial Vacuum Gauge Reading: 28
Intermediate Vacuum Gauge Reading: 19	Intermediate Vacuum Gauge Reading: ~~19~~ 19
Final Vacuum Gauge Reading: 0	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1255	Time:
Sub-slab Pressure: ———	Sub-slab Pressure:
Indoor Pressure: ———	Indoor Pressure:
Oxygen (O_2): 20.0	Oxygen (O_2):
Carbon Dioxide (CO_2): 1.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SG046-1A-OSN SG046-SS-OSN
Investigator Name(s): LP/DF	Sample Location: outside rm. A24
Date: 8/27/2010	Sub-slab Vapor Purge PID: 1.5
Time: 1919	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1924	Sample Start Time: 1925
Sample Check Time: 937	Sample Check Time: 937
Sample End Time: 1658	Sample End Time: 1658
Regulator ID: 433	Regulator ID: 342
Canister ID: 359	Canister ID: 95
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 28 in Hg
Intermediate Vacuum Gauge Reading: 0 in Hg	Intermediate Vacuum Gauge Reading: 24 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 22 in Hg

NOTES

Difficult to purge

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/2010	Date:
Time: 1921	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 19.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 1.3	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL052-SSOOSN SL052-IAOOSN
Investigator Name(s): HJ/LSO	Sample Location: SL052
Date: 8/28/10	Sub-slab Vapor Purge PID: 0.0
Time: 1141	Ambient PID: 0.1

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1146	Sample Start Time: 1147
Sample Check Time: 1913	Sample Check Time: 1913
Sample End Time: 1026	Sample End Time: 1026
Regulator ID: 440	Regulator ID: 80
Canister ID: 89	Canister ID: 78
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 28	Initial Vacuum Gauge Reading: >30
Intermediate Vacuum Gauge Reading: 19	Intermediate Vacuum Gauge Reading: >30
Final Vacuum Gauge Reading: 1	Final Vacuum Gauge Reading: 29

NOTES

Initial vacuum gauge reading on indoor air regulator is much greater than 30. ≈ 30

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1143	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 16.3	Oxygen (O_2):
Carbon Dioxide (CO_2): 5.3	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL054-IA005N SL054-SS005N
Investigator Name(s): HJ/ISG	Sample Location: SL054
Date: 8/28/10	Sub-slab Vapor Purge PID: 0.6
Time: 1213	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1217	Sample Start Time: 1217
Sample Check Time: 1922	Sample Check Time: 1922
Sample End Time: 1046	Sample End Time: 1046
Regulator ID: 252	Regulator ID: 143
Canister ID: 358	Canister ID: 349
Purge Volume: 120	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 26	Initial Vacuum Gauge Reading: 30
Intermediate Vacuum Gauge Reading: 17	Intermediate Vacuum Gauge Reading: 22
Final Vacuum Gauge Reading: 0	Final Vacuum Gauge Reading: 5

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1216	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.7	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.2	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SLOSS-IA00SN SLOSS-SS00SN
Investigator Name(s): HJ|ISG	Sample Location: SLOSS
Date: 8|28|10	Sub-slab Vapor Purge PID: 1.0
Time: 1202	Ambient PID: 0.1

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1208	Sample Start Time: 1208
Sample Check Time: 1913	Sample Check Time: 1913
Sample End Time: 1038	Sample End Time: 1038
Regulator ID: 432	Regulator ID: 310
Canister ID: 422	Canister ID: 170
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 29	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 20	Intermediate Vacuum Gauge Reading: 25
Final Vacuum Gauge Reading: 2	Final Vacuum Gauge Reading: 18.5

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1205	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.5	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.2	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL058-IA005N SL058-SS005N
Investigator Name(s): HJ | ISG	Sample Location: SL058
Date: 8|28|10	Sub-slab Vapor Purge PID: 0.0
Time: 1046	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1054	Sample Start Time: 1055
Sample Check Time: 1926	Sample Check Time: 1926
Sample End Time: 1000	Sample End Time: 1000
Regulator ID: 436	Regulator ID: 79
Canister ID: 223	Canister ID: 418
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 29	Initial Vacuum Gauge Reading: 730
Intermediate Vacuum Gauge Reading: 17	Intermediate Vacuum Gauge Reading: 4
Final Vacuum Gauge Reading: 0	Final Vacuum Gauge Reading: 4

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1050	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 19.3	Oxygen (O_2):
Carbon Dioxide (CO_2): 1.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL064-IA005N SL064-SS005N
Investigator Name(s): HJ / IG	Sample Location: SL064
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.3
Time: 1837	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1843	Sample Start Time: 1844
Sample Check Time: 0930	Sample Check Time: 0930
Sample End Time: 1644	Sample End Time: 1644
Regulator ID: 382	Regulator ID: 177
Canister ID: 222	Canister ID: 142
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 29	Initial Vacuum Gauge Reading: 28
Intermediate Vacuum Gauge Reading: 7.5	Intermediate Vacuum Gauge Reading: 12.5
Final Vacuum Gauge Reading: 0	Final Vacuum Gauge Reading: 4

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 1840	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 19.1	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.14	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL0165-IA005 N SL0165-SS005 N
Investigator Name(s): HJ/IG	Sample Location: SL0165
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.3
Time: 1849	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1853	Sample Start Time: 1854
Sample Check Time: 0932	Sample Check Time: 0932
Sample End Time: ~~1927~~ 1653	Sample End Time: ~~1928~~ 1653
Regulator ID: 56	Regulator ID: 176
Canister ID: 563	Canister ID: 87
Purge Volume: 120	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 29.5	Initial Vacuum Gauge Reading: 28.5
Intermediate Vacuum Gauge Reading: 10	Intermediate Vacuum Gauge Reading: 10
Final Vacuum Gauge Reading: 0.2	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 1852	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 16.8	Oxygen (O_2):
Carbon Dioxide (CO_2): 2.70	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL0606-IN005 N SL0606-SS005 N/D
Investigator Name(s): HJ/EG	Sample Location: SL0606
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.3
Time: 1900	Ambient PID: 0.1

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: N 1909 D 1909	Sample Start Time: 1910
Sample Check Time: 0934	Sample Check Time: 0934
Sample End Time: 1701	Sample End Time: 1701
Regulator ID: N 65 D 111	Regulator ID: 454
Canister ID: N 476 D 417	Canister ID: 415
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: N 29.5 D ~~30~~ 31	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: N 14 D 19	Intermediate Vacuum Gauge Reading: 23
Final Vacuum Gauge Reading: N 6 D 12	Final Vacuum Gauge Reading: 20

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 1906	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.1	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.4	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL069-IA005N SL069-SS005N
Investigator Name(s): HJ | ISG	Sample Location: SL069
Date: 8|28|10	Sub-slab Vapor Purge PID: 0.0
Time: 1057	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1102	Sample Start Time: 1102
Sample Check Time: 1925	Sample Check Time: 1925
Sample End Time: 1005	Sample End Time: 1005
Regulator ID: 406	Regulator ID: 455
Canister ID: 475	Canister ID: 364
Purge Volume: 120	Purge Volume: —
Tubing Length: —	Tubing Length: 41
Initial Vacuum Gauge Reading: 29	Initial Vacuum Gauge Reading: >30
Intermediate Vacuum Gauge Reading: 19	Intermediate Vacuum Gauge Reading: 28
Final Vacuum Gauge Reading: 2	Final Vacuum Gauge Reading: 10

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1058	Time:
Sub-slab Pressure: ———	Sub-slab Pressure:
Indoor Pressure: ———	Indoor Pressure:
Oxygen (O_2): 20.1	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.8	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL002-IA-OSN SL002-SS-OSN
Investigator Name(s): LP / DF	Sample Location: Outside room 203
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.0
Time: 1911	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1915	Sample Start Time: 1916
Sample Check Time: 935	Sample Check Time: 935
Sample End Time: 1650	Sample End Time: 1650
Regulator ID: 391	Regulator ID: 395
Canister ID: 192	Canister ID: 231
Purge Volume: 120 cc	Purge Volume: 120 cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 30 in Hg
Intermediate Vacuum Gauge Reading: 12 in Hg	Intermediate Vacuum Gauge Reading: 12 in Hg
Final Vacuum Gauge Reading: 3 in Hg	Final Vacuum Gauge Reading: 3 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 1913 8/27/2010	Date:
Time: 1913	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.5	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.3	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL063-1A-OSN\D SL063-SS-OSN
Investigator Name(s): LP / DF	Sample Location: Room 211
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.6
Time: 1838	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1849	Sample Start Time: N-1850, D-1851
Sample Check Time: 932	Sample Check Time: 932 N; D
Sample End Time: 1635	Sample End Time: 1635 N; D
Regulator ID: 292	Regulator ID: ~~N-~~ ~~D-282~~, N-388, D-110
Canister ID: 329	Canister ID: N-282, D-459
Purge Volume: 120 mL	Purge Volume: 120 mL
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 28 in Hg	Initial Vacuum Gauge Reading: N-29 in Hg, D-27 in Hg
Intermediate Vacuum Gauge Reading: 8 in Hg	Intermediate Vacuum Gauge Reading: N-11 in Hg D-7 in Hg
Final Vacuum Gauge Reading: ~~N-10~~ 0 in Hg	Final Vacuum Gauge Reading: N-3 in Hg D-0 in Hg

NOTES

Difficult to purge

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/2010	Date:
Time: 1819	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 17.5	Oxygen (O_2):
Carbon Dioxide (CO_2): 2.3	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL072-SS005 N/D SL072-IA005
Investigator Name(s): HJ / IG	Sample Location: SL072
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.1
Time: 1820	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: N 1829 D 1829	Sample Start Time: 1829
Sample Check Time: 0930	Sample Check Time: 0930
Sample End Time: 1635	Sample End Time: ~~1635~~ 1635
Regulator ID: N 153 D 404	Regulator ID: 155
Canister ID: N 284 D 318	Canister ID: 367
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: N 28 D 30	Initial Vacuum Gauge Reading: 30
Intermediate Vacuum Gauge Reading: N 14 D 27	Intermediate Vacuum Gauge Reading: 16
Final Vacuum Gauge Reading: N 7 D 25	Final Vacuum Gauge Reading: 8

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 1819	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 14.7	Oxygen (O_2):
Carbon Dioxide (CO_2): 4.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL074-IA005N/D SL074-SS005N/MS/MSD
Investigator Name(s): HJ/IG	Sample Location: SL074
Date: 8/28/10	Sub-slab Vapor Purge PID: 0.0
Time: 1035	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1041	Sample Start Time: N 1042 D 1044
Sample Check Time: 1928	Sample Check Time: 1928
Sample End Time: 0952	Sample End Time: 0952
Regulator ID: 42	Regulator ID: N 118 D 281
Canister ID: 209	Canister ID: N 290 D 567
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 28.5	Initial Vacuum Gauge Reading: N 30 D 29
Intermediate Vacuum Gauge Reading: 20.5	Intermediate Vacuum Gauge Reading: N 20 D 0
Final Vacuum Gauge Reading: 6	Final Vacuum Gauge Reading: N 2 D 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1039	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 19.3	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.8	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL076-IA000SN SL076-SS000SN
Investigator Name(s): HJ/ISG	Sample Location: SL076
Date: 8/28/10	Sub-slab Vapor Purge PID: 1.3
Time: 1224	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1227	Sample Start Time: 1228
Sample Check Time: 1918	Sample Check Time: 1918
Sample End Time: 1053	Sample End Time: 1053
Regulator ID: 3881	Regulator ID: 44
Canister ID: 543	Canister ID: 131
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 27.5	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 20	Intermediate Vacuum Gauge Reading: 20.5
Final Vacuum Gauge Reading: 1	Final Vacuum Gauge Reading: 2

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1225	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.7	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.2	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL077-IA005N SL077-SS005N
Investigator Name(s): HJ/ISG	Sample Location: SL077
Date: 8/28/10	Sub-slab Vapor Purge PID: 1.3
Time: 1231	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1235	Sample Start Time: 1230
Sample Check Time: 1916	Sample Check Time: 1916
Sample End Time: 1058	Sample End Time: 1058
Regulator ID: 179	Regulator ID: 269
Canister ID: 550	Canister ID: 320
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 30	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 23	Intermediate Vacuum Gauge Reading: 25
Final Vacuum Gauge Reading: 7	Final Vacuum Gauge Reading: 16

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1234	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.6	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.4	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL078-SS005N SL078-IA005N|D
Investigator Name(s): HJ|SG	Sample Location: SL078
Date: 8|28|10	Sub-slab Vapor Purge PID: 0.3
Time: 1132	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1136	Sample Start Time: N 1137 D 1137
Sample Check Time: 1914	Sample Check Time: 1914
Sample End Time: 1021	Sample End Time: 1021
Regulator ID: 119	Regulator ID: N 403 D 446
Canister ID: 404	Canister ID: N 4608 D 421
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: >30	Initial Vacuum Gauge Reading: N 30 D 23
Intermediate Vacuum Gauge Reading: 29	Intermediate Vacuum Gauge Reading: N 19 D 0
Final Vacuum Gauge Reading: 25	Final Vacuum Gauge Reading: N 1 D 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1135	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.0	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL079-IA-05N SL079-SS-05N
Investigator Name(s): LP/DF	Sample Location: Rm 850
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.5
Time: 1530	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1544	Sample Start Time: 1545
Sample Check Time: 1907	Sample Check Time: 1907
Sample End Time: 1855	Sample End Time: 1855
Regulator ID: 437	Regulator ID: 718
Canister ID: 336	Canister ID: 429
Purge Volume:	Purge Volume:
Tubing Length:	Tubing Length:
Initial Vacuum Gauge Reading: 26 "Hg	Initial Vacuum Gauge Reading: 29 "Hg
Intermediate Vacuum Gauge Reading: 23 in Hg	Intermediate Vacuum Gauge Reading: 25 in Hg
Final Vacuum Gauge Reading: 5 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2010
Time:	Time: 1545
Sub-slab Pressure:	Sub-slab Pressure: —
Indoor Pressure:	Indoor Pressure: —
Oxygen (O_2):	Oxygen (O_2): 18.6
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 2.2
Methane (CH_4):	Methane (CH_4): 0.0

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AFP 59 Project No. 60160780	Sample ID: SL084-IA005 N/D SL084-SS005N/MS/MSD
Investigator Name(s): HJ/ISG	Sample Location: SL084
Date: 8/28/10	Sub-slab Vapor Purge PID: 5.2
Time: 1151	Ambient PID: 0.1

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1157	Sample Start Time: N 1158 D 1158
Sample Check Time: 1912	Sample Check Time: 1912
Sample End Time: 1031	Sample End Time: 1031
Regulator ID: 156	Regulator ID: N 125 D 278
Canister ID: 482	Canister ID: N 230 D 494
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 29	Initial Vacuum Gauge Reading: N 30.5 D 30
Intermediate Vacuum Gauge Reading: 20	Intermediate Vacuum Gauge Reading: N 22 D 22
Final Vacuum Gauge Reading: 1	Final Vacuum Gauge Reading: N 5.5 D 7

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1154	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 9.8	Oxygen (O_2):
Carbon Dioxide (CO_2): 10.0	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL0836 - 1A - OSN SL0836 - SS - OSN
Investigator Name(s): DF / LP	Sample Location:
Date: 8/27/2016	Sub-slab Vapor Purge PID: 0.5
Time: 1948	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1953	Sample Start Time: 1954
Sample Check Time: 941	Sample Check Time: 941
Sample End Time: 1737	Sample End Time: 1737
Regulator ID: 121	Regulator ID: 305
Canister ID: 191	Canister ID: 195
Purge Volume:	Purge Volume:
Tubing Length: 5"	Tubing Length: 5'
Initial Vacuum Gauge Reading: 30 in Hg	Initial Vacuum Gauge Reading: 29 in Hg
Intermediate Vacuum Gauge Reading: 16 in Hg	Intermediate Vacuum Gauge Reading: 17 in Hg
Final Vacuum Gauge Reading: 8 in Hg	Final Vacuum Gauge Reading: 3 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/2010	Date:
Time: 1929	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL087-1A-OSN ~~/MS/MSD~~ SL087-SS-OSN/MS/MSD
Investigator Name(s): LP/DF	Sample Location:
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.7
Time: 1934	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1938	Sample Start Time: 1940
Sample Check Time: 939	Sample Check Time: 939
Sample End Time: 1659	Sample End Time: 1659
Regulator ID: 1816	Regulator ID: 377
Canister ID: 24	Canister ID: 350
Purge Volume:	Purge Volume: 120 cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 30 in Hg	Initial Vacuum Gauge Reading: 28 in Hg
Intermediate Vacuum Gauge Reading: 7 in Hg	Intermediate Vacuum Gauge Reading: 0 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date: 8/27/2016	Date:
Time: 1936	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 21.0	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.0	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
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AFP 59 Project No. 60160780	Sample ID: SL088-IN005N SL088-SS005N
Investigator Name(s): HJ/IG	Sample Location: SL088
Date: 8/27/2010	Sub-slab Vapor Purge PID: 1.2
Time: 2012	Ambient PID: 0.4

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2016	Sample Start Time: 2016
Sample Check Time: 0938	Sample Check Time: 0938
Sample End Time: ~~1000~~ 1808	Sample End Time: 1808
Regulator ID: 59	Regulator ID: 264
Canister ID: 188	Canister ID: 101
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 27	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 14	Intermediate Vacuum Gauge Reading: 1
Final Vacuum Gauge Reading: 4	Final Vacuum Gauge Reading: 1

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 2014	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.3	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.0	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SG090-IA-05N SG090-SS-05N
Investigator Name(s): DF/LP	Sample Location:
Date: 8/27/2010	Sub-slab Vapor Purge PID:
Time: 2003	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2017	Sample Start Time: 2019
Sample Check Time: 951	Sample Check Time: 951
Sample End Time: 1748	Sample End Time: 1748
Regulator ID: 63	Regulator ID: 259
Canister ID: 335	Canister ID: 83
Purge Volume:	Purge Volume:
Tubing Length:	Tubing Length:
Initial Vacuum Gauge Reading: 30	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 29 in Hg	Intermediate Vacuum Gauge Reading: 11 in Hg
Final Vacuum Gauge Reading: 29 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/2010	Date:
Time: 2004	Time:
Sub-slab Pressure: -	Sub-slab Pressure:
Indoor Pressure: -	Indoor Pressure:
Oxygen (O_2): 20.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.0	Carbon Dioxide (CO_2):
Methane (CH_4): 0.1	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL091-1A-OSN/MS/MSD SL091-SS-OSN/MS/MSD
Investigator Name(s): LP / DF	Sample Location: Outside room 209
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.6 ppm
Time: 1852	Ambient PID: 0.1 ppm

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1905 DF ~~1853~~ DF	Sample Start Time: 1907
Sample Check Time: 934	Sample Check Time: 934
Sample End Time: 1645	Sample End Time: 1645
Regulator ID: 145	Regulator ID: 309
Canister ID: 485	Canister ID: 483
Purge Volume: 200cc	Purge Volume: 200cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: ~~30~~ DF 30	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading: 24 in Hg	Intermediate Vacuum Gauge Reading: 20 in Hg
Final Vacuum Gauge Reading: 21 in Hg	Final Vacuum Gauge Reading: 15 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 3/27/2010	Date:
Time: 1859	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 18.3	Oxygen (O_2):
Carbon Dioxide (CO_2): 2.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL094-IA005N SL094-SS005N
Investigator Name(s): HJ/ISG	Sample Location: SL094
Date: 8/28/10	Sub-slab Vapor Purge PID: 0.0
Time: 1538	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1543	Sample Start Time: 1542
Sample Check Time: 1906	Sample Check Time: 1906
Sample End Time: 1352	Sample End Time: 1352
Regulator ID: 47	Regulator ID: 401
Canister ID: 325	Canister ID: 428
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 30.5	Initial Vacuum Gauge Reading: 28.5
Intermediate Vacuum Gauge Reading: 30	Intermediate Vacuum Gauge Reading: 24
Final Vacuum Gauge Reading: 23	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1341	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.4	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.4	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL095-IA005N SL095-SS005N
Investigator Name(s): HJ / IG	Sample Location: SL095
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.5
Time: 1912	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1919	Sample Start Time: 1917
Sample Check Time: 0930	Sample Check Time: 0930
Sample End Time: 1715	Sample End Time: 1715
Regulator ID: 262	Regulator ID: 255
Canister ID: 463	Canister ID: 413
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 28	Initial Vacuum Gauge Reading: 27.5
Intermediate Vacuum Gauge Reading: 12	Intermediate Vacuum Gauge Reading: 12
Final Vacuum Gauge Reading: 4	Final Vacuum Gauge Reading: 3

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 1915	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 19.1	Oxygen (O_2):
Carbon Dioxide (CO_2): 2.0	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
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AFP 59 Project No. 60160780	Sample ID: S6098-1A-05N/D S6098-SS-05N
Investigator Name(s): LP/DF	Sample Location: Room 042
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.3
Time: 1058	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1105	Sample Start Time: N-1104 D-1106
Sample Check Time: 1915	Sample Check Time: 1915
Sample End Time: 1000	Sample End Time: 1000
Regulator ID: 346	Regulator ID: N:187, D-181
Canister ID: 467	Canister ID: N-501, D-411
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 28 in Hg	Initial Vacuum Gauge Reading: N-28 in Hg, D-29 in Hg
Intermediate Vacuum Gauge Reading: 20 in Hg	Intermediate Vacuum Gauge Reading: N-21 in Hg, D-21 in Hg
Final Vacuum Gauge Reading: 2 in Hg	Final Vacuum Gauge Reading: N-0 in Hg D-1 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/25/2010
Time:	Time: 1100
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 20.7
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 0.5
Methane (CH_4):	Methane (CH_4): 0.0
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AFP 59 Project No. 60160780	Sample ID: SL099-IA-OSN SL099-SS-OSN
Investigator Name(s): LP/DF	Sample Location:
Date: 8/28/2010	Sub-slab Vapor Purge PID: 1.2
Time: 1116	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1122	Sample Start Time: 1123
Sample Check Time: 1912	Sample Check Time: ~~1811~~ DF 1912
Sample End Time: 1013	Sample End Time: 1013
Regulator ID: 54	Regulator ID: 298
Canister ID: 242	Canister ID: 198
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 30 in Hg	Initial Vacuum Gauge Reading: 24 in Hg
Intermediate Vacuum Gauge Reading: 24 in Hg	Intermediate Vacuum Gauge Reading: 13 in Hg
Final Vacuum Gauge Reading: 3 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2010
Time:	Time: 1119
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 20.4
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 0.9
Methane (CH_4):	Methane (CH_4): 0.0
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AFP 59 Project No. 60160780	Sample ID: SL01-IA-05N SL01-SS-05N
Investigator Name(s): LP/DF	Sample Location: OUTSIDE Rm766
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.4
Time: 1240	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1240	Sample Start Time: 1242
Sample Check Time: 1910	Sample Check Time: 1910
Sample End Time: 1110	Sample End Time: 1110
Regulator ID: 279	Regulator ID: 66
Canister ID: 85	Canister ID: 547
Purge Volume:	Purge Volume:
Tubing Length:	Tubing Length:
Initial Vacuum Gauge Reading: 29 "Hg	Initial Vacuum Gauge Reading: 30 "Hg
Intermediate Vacuum Gauge Reading: 21 in Hg	Intermediate Vacuum Gauge Reading: 21 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/10
Time:	Time: 1240
Sub-slab Pressure:	Sub-slab Pressure: —
Indoor Pressure:	Indoor Pressure: —
Oxygen (O_2):	Oxygen (O_2): ~~0.0 UP~~ 18.7
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 2.9
Methane (CH_4):	Methane (CH_4): ~~UP~~ 0.0

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AFP 59 Project No. 60160780	Sample ID: SL103-SSOOSN ~~SL01~~ SL103-IAOOSN
Investigator Name(s): HJ / IG	Sample Location: ~~AMW8~~ ~~BMW~~ SL103
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.5
Time: 1925	Ambient PID: 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1930	Sample Start Time: 1930
Sample Check Time: 0936	Sample Check Time: 0936
Sample End Time: 1724	Sample End Time: 1724
Regulator ID: 387	Regulator ID: 394
Canister ID: 94	Canister ID: 564
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: /	Tubing Length: 4'
Initial Vacuum Gauge Reading: 30	Initial Vacuum Gauge Reading: >30
Intermediate Vacuum Gauge Reading: 26	Intermediate Vacuum Gauge Reading: 10
Final Vacuum Gauge Reading: 23	Final Vacuum Gauge Reading: 2.5

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 1927	Time:
Sub-slab Pressure: ~	Sub-slab Pressure:
Indoor Pressure: ~	Indoor Pressure:
Oxygen (O_2): 17.7	Oxygen (O_2):
Carbon Dioxide (CO_2): 02.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
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AFP 59 Project No. 60160780	Sample ID: SL105-1A-05N SL105-SS-05N
Investigator Name(s): DF/LP	Sample Location: Entrance to rm. 810
Date: 8/27/2010	Sub-slab Vapor Purge PID: —
Time: 2103	Ambient PID: —

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: ~~20~~ 2105	Sample Start Time: 2106
Sample Check Time: 945	Sample Check Time: 945
Sample End Time: 1828	Sample End Time: 1828
Regulator ID: 78	Regulator ID: 304
Canister ID: 354	Canister ID: 225
Purge Volume:	Purge Volume:
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 27 in Hg
Intermediate Vacuum Gauge Reading: 16 in Hg	Intermediate Vacuum Gauge Reading: 11 in Hg
Final Vacuum Gauge Reading: 4 in Hg	Final Vacuum Gauge Reading: 0 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.9	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL106-[illegible]005N SL106-S5005N
Investigator Name(s): HJ/ISG	Sample Location: SL106
Date: 8/28/10	Sub-slab Vapor Purge PID: 0.3
Time: 1113	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1120	Sample Start Time: 1121
Sample Check Time: 1908	Sample Check Time: 1908
Sample End Time: 1015	Sample End Time: 1015
Regulator ID: 339	Regulator ID: 180
Canister ID: 232	Canister ID: 493
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 28	Initial Vacuum Gauge Reading: 28
Intermediate Vacuum Gauge Reading: 20.5	Intermediate Vacuum Gauge Reading: 19.5
Final Vacuum Gauge Reading: 7	Final Vacuum Gauge Reading: 4

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/10	Date:
Time: 1113	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.8	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.1	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SL107-SS005N SL107-IA005N
Investigator Name(s): HJ/IG	Sample Location: SL107
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.6
Time: 2022	Ambient PID: 0.3

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2026	Sample Start Time: 2027
Sample Check Time: 0949	Sample Check Time: 0949
Sample End Time: 1816	Sample End Time: 1816
Regulator ID: 68	Regulator ID: 398
Canister ID: 462	Canister ID: 431
Purge Volume: 120ML	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 31	Initial Vacuum Gauge Reading: 28
Intermediate Vacuum Gauge Reading: 16	Intermediate Vacuum Gauge Reading: 0
Final Vacuum Gauge Reading: 6	Final Vacuum Gauge Reading: 0

NOTES

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time:	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.7	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.2	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

NOTES

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AFP 59 Project No. 60160780	Sample ID: SL108-IN005N SL108-SS005N
Investigator Name(s): HS / IG	Sample Location: SL108
Date: 8/27/2010	Sub-slab Vapor Purge PID: 0.7
Time: 2002	Ambient PID: 0.5

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2008	Sample Start Time: 2010
Sample Check Time: 0944	Sample Check Time: 0944
Sample End Time: 1803	Sample End Time: 1803
Regulator ID: 445	Regulator ID: 294
Canister ID: 366	Canister ID: 571
Purge Volume: 120 mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 30	Initial Vacuum Gauge Reading: 28
Intermediate Vacuum Gauge Reading: 12.5	Intermediate Vacuum Gauge Reading: 12
Final Vacuum Gauge Reading: 2.5	Final Vacuum Gauge Reading: 0.5

NOTES

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 2005	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 20.7	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.3	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

NOTES

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AFP 59 Project No. 60160780	Sample ID: SL09-SS005N SL09-IA005N
Investigator Name(s): HJ / IG	Sample Location: SL09
Date: 8/27/2010	Sub-slab Vapor Purge PID: 1.2
Time: 1953	Ambient PID: 0.8

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1958	Sample Start Time: 1959
Sample Check Time: 0942	Sample Check Time: 0942
Sample End Time: 1745	Sample End Time: 1745
Regulator ID: 374	Regulator ID: 82
Canister ID: 430	Canister ID: 197
Purge Volume: 120mL	Purge Volume: —
Tubing Length: —	Tubing Length: 4'
Initial Vacuum Gauge Reading: 29.5	Initial Vacuum Gauge Reading: 28.5
Intermediate Vacuum Gauge Reading: 0	Intermediate Vacuum Gauge Reading: 0.5
Final Vacuum Gauge Reading: 0	Final Vacuum Gauge Reading: 0

NOTES

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/27/10	Date:
Time: 1956	Time:
Sub-slab Pressure: —	Sub-slab Pressure:
Indoor Pressure: —	Indoor Pressure:
Oxygen (O_2): 17.6	Oxygen (O_2):
Carbon Dioxide (CO_2): 03.3	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):

NOTES

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AFP 59 Project No. 60160780	Sample ID: SV11-VA-05N ~~SLOP~~ SV11-SS-05N
Investigator Name(s): LP/DF	Sample Location:
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.5
Time: 1210	Ambient PID: 0.0

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1217	Sample Start Time: ~~1217~~ 1221
Sample Check Time: 1904	Sample Check Time: 1904
Sample End Time: 1059	Sample End Time: 1059
Regulator ID: 899	Regulator ID: 120
Canister ID: 1211	Canister ID: 2411
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 29 in Hg	Initial Vacuum Gauge Reading: 30 in Hg
Intermediate Vacuum Gauge Reading: ~~29 in Hg~~ 20 in Hg	Intermediate Vacuum Gauge Reading: ~~30 in Hg~~ 27 in Hg
Final Vacuum Gauge Reading: 0 in Hg	Final Vacuum Gauge Reading: 23 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/28/2010
Time:	Time: 1211
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 20.0
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 1.2
Methane (CH_4):	Methane (CH_4): 0.0
NOTES	

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AFP 59 Project No. 60160780	Sample ID: ~~SL08 AP~~ SL12-1A-080N SL12-DS-080N
Investigator Name(s): LP/DF	Sample Location:
Date: 8/28/2010	Sub-slab Vapor Purge PID: 0.2
Time: 1301	Ambient PID: ~~0.0 AP~~ 0.2

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 1307	Sample Start Time: 1308
Sample Check Time: —	Sample Check Time: —
Sample End Time: 1115	Sample End Time: 1115
Regulator ID: 449	Regulator ID: 277
Canister ID: 289	Canister ID: 481
Purge Volume: 120cc	Purge Volume: 120cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 30 inHg	Initial Vacuum Gauge Reading: 29 inHg
Intermediate Vacuum Gauge Reading: —	Intermediate Vacuum Gauge Reading: —
Final Vacuum Gauge Reading: 7 inHg	Final Vacuum Gauge Reading: 0 inHg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	**Non-Working Conditions (HVAC off)**
Date: 8/28/2010	Date:
Time: 1301	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2): 20.3	Oxygen (O_2):
Carbon Dioxide (CO_2): 0.9	Carbon Dioxide (CO_2):
Methane (CH_4): 0.0	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL118 - 1A - 0SN SL118 - SS - 0SN
Investigator Name(s): DF / LP	Sample Location: Room A14
Date: 8/27/2010	Sub-slab Vapor Purge PID: —
Time: 2108	Ambient PID: —

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time: 2114	Sample Start Time: 2124
Sample Check Time: 938	Sample Check Time: 938
Sample End Time: 1830	Sample End Time: 1830
Regulator ID: 227	Regulator ID: 448
Canister ID: 221	Canister ID: 207
Purge Volume: 120 cc	Purge Volume: 120 cc
Tubing Length: 5'	Tubing Length: 5'
Initial Vacuum Gauge Reading: 30 in Hg	Initial Vacuum Gauge Reading: 28 in Hg
Intermediate Vacuum Gauge Reading: 15 in Hg	Intermediate Vacuum Gauge Reading: 22 in Hg
Final Vacuum Gauge Reading: 5 in Hg	Final Vacuum Gauge Reading: 10 in Hg

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date: 8/27/2010
Time:	Time: 2110
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2): 18.7
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2): 2.2
Methane (CH_4):	Methane (CH_4): 0.0
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SL00A-OA-05N-1
Investigator Name(s): DF/IG/HJ/LP	Sample Location: Southeast corner of building where hybrid bus is parked. along
Date: 8/27/2010	Sub-slab Vapor Purge PID: —
Time: 8/27 1709	Ambient PID: N/A

SAMPLE INFORMATION

Sub-slab Sample	OUTDOOR ~~Indoor~~ Air Sample
Sample Start Time:	Sample Start Time: 1712
Sample Check Time:	Sample Check Time: 900
Sample End Time:	Sample End Time: 1515
Regulator ID:	Regulator ID: 174
Canister ID:	Canister ID: 157
Purge Volume:	Purge Volume: —
Tubing Length:	Tubing Length: 4 ft
Initial Vacuum Gauge Reading:	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading:	Intermediate Vacuum Gauge Reading: 10
Final Vacuum Gauge Reading:	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2):
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2):
Methane (CH_4):	Methane (CH_4):

NOTES

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AFP 59 Project No. 60160780	Sample ID: SLOOA-OA-OSN-2
Investigator Name(s): DF/IG/HJ/LP	Sample Location: Southeast corner of building where hybrid bus is parked
Date: 8/28/10	Sub-slab Vapor Purge PID: —
Time: 1515	Ambient PID: N/A

SAMPLE INFORMATION

Sub-slab Sample	Indoor Air Sample
Sample Start Time:	Sample Start Time: 1518
Sample Check Time:	Sample Check Time: 857
Sample End Time:	Sample End Time: 1330
Regulator ID:	Regulator ID: 144
Canister ID:	Canister ID: 291
Purge Volume:	Purge Volume: —
Tubing Length:	Tubing Length: 4 ft
Initial Vacuum Gauge Reading:	Initial Vacuum Gauge Reading: 30
Intermediate Vacuum Gauge Reading:	Intermediate Vacuum Gauge Reading: 7
Final Vacuum Gauge Reading:	Final Vacuum Gauge Reading: 0

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2):
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2):
Methane (CH_4):	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SLOOB - OA - 05N - 1
Investigator Name(s): DF/IG/HJ/LP	Sample Location: South western corner of building by fire hydrant on yellow
Date: 8/27/2010	Sub-slab Vapor Purge PID: —
Time: 1716	Ambient PID: N/A

SAMPLE INFORMATION

Sub-slab Sample	~~Indoor~~ Outdoor Air Sample
Sample Start Time:	Sample Start Time: 1717
Sample Check Time:	Sample Check Time: 905
Sample End Time:	Sample End Time: 1520
Regulator ID:	Regulator ID: 390
Canister ID:	Canister ID: 352
Purge Volume:	Purge Volume: —
Tubing Length:	Tubing Length: 4'
Initial Vacuum Gauge Reading:	Initial Vacuum Gauge Reading: 27
Intermediate Vacuum Gauge Reading:	Intermediate Vacuum Gauge Reading: 8
Final Vacuum Gauge Reading:	Final Vacuum Gauge Reading: 0

NOTES

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2):
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2):
Methane (CH_4):	Methane (CH_4):

NOTES

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AFP 59 Project No. 60160780	Sample ID: SL00B-0A-05N-2
Investigator Name(s): DF/IG/HJ/LP	Sample Location: Southwestern corner of building by fire hydrant on yellow
Date: 8/28/10	Sub-slab Vapor Purge PID: —
Time: 1520	Ambient PID: N/A

SAMPLE INFORMATION

Sub-slab Sample	~~Indoor~~ outdoor Air Sample
Sample Start Time:	Sample Start Time: 1521
Sample Check Time:	Sample Check Time: 858
Sample End Time:	Sample End Time: 1332
Regulator ID:	Regulator ID: 271
Canister ID:	Canister ID: 245
Purge Volume:	Purge Volume: —
Tubing Length:	Tubing Length: 4 ft
Initial Vacuum Gauge Reading:	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading:	Intermediate Vacuum Gauge Reading: 8
Final Vacuum Gauge Reading:	Final Vacuum Gauge Reading: /

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2):
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2):
Methane (CH_4):	Methane (CH_4):

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AFP 59 Project No. 60160780	Sample ID: SLOOC-OA-OSN-1
Investigator Name(s): DF/IG/HJ/LP	Sample Location: Behind Greek Restaurant
Date: 8/27/2010	Sub-slab Vapor Purge PID: —
Time: 1724	Ambient PID: N/A

SAMPLE INFORMATION

~~Sub-slab Sample~~	OUTDOOR ~~Indoor~~ Air Sample
Sample Start Time:	Sample Start Time: 1726
Sample Check Time:	Sample Check Time: 0859 28 Aug 2010
Sample End Time:	Sample End Time: 1510
Regulator ID:	Regulator ID: 297
Canister ID:	Canister ID: 472
Purge Volume:	Purge Volume: —
Tubing Length:	Tubing Length: 4'
Initial Vacuum Gauge Reading:	Initial Vacuum Gauge Reading: 29
Intermediate Vacuum Gauge Reading:	Intermediate Vacuum Gauge Reading: 7.5
Final Vacuum Gauge Reading:	Final Vacuum Gauge Reading: 0

NOTES

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2):
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2):
Methane (CH_4):	Methane (CH_4):
NOTES	

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AFP 59 Project No. 60160780	Sample ID: SLOOC - OA05N - 2
Investigator Name(s): ~~HG~~ / IG / LP / DF	Sample Location: Behind Green Rest
Date: 8/28/2010	Sub-slab Vapor Purge PID: —
Time: 1511	Ambient PID: N/A

SAMPLE INFORMATION

Sub-slab Sample	~~Outdoor~~ Indoor Air Sample
Sample Start Time:	Sample Start Time: 1511
Sample Check Time:	Sample Check Time: 855
Sample End Time:	Sample End Time: 1327
Regulator ID:	Regulator ID: 184
Canister ID:	Canister ID: 410
Purge Volume:	Purge Volume:
Tubing Length:	Tubing Length: 4 ft
Initial Vacuum Gauge Reading:	Initial Vacuum Gauge Reading: 29.5 "Hg
Intermediate Vacuum Gauge Reading:	Intermediate Vacuum Gauge Reading: 7
Final Vacuum Gauge Reading:	Final Vacuum Gauge Reading: 0

NOTES

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HVAC SAMPLE INFORMATION	
Working Conditions (HVAC on)	Non-Working Conditions (HVAC off)
Date:	Date:
Time:	Time:
Sub-slab Pressure:	Sub-slab Pressure:
Indoor Pressure:	Indoor Pressure:
Oxygen (O_2):	Oxygen (O_2):
Carbon Dioxide (CO_2):	Carbon Dioxide (CO_2):
Methane (CH_4):	Methane (CH_4):

NOTES

Appendix B

Chain-of-Custody Forms

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Chain of Custody

AECOM
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AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-1
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / **State** / **Zip Code**	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	Detection Limit
~~SL00A~~ DF	~~SL00A-OA-05N-1~~	~~8/27/10~~	~~1742/1515~~	~~Air~~	~~157~~	~~174~~	~~✓~~	___ 5ppbv
~~SL00B~~ DF	~~SL00B-OA-05N-1~~	~~8/27/10~~	~~1717/1520~~	~~Air~~	~~352~~	~~390~~	~~✓~~	___ 1ug/M3
~~SL00C~~ DF	~~SL00C-OA-05N-1~~	~~8/27/10~~	~~1728/1510~~	~~Air~~	~~412~~	~~297~~	~~✓~~	X 1ug/M3+TCE .25
SL063	SL063-IA-05N	8/24/10	1850/1635		[illegible]282	388	✓	
SL063	SL063-IA-05D		1851/1635		459	110	✓	Report Level
SL063	SL063-SS-05D		1849/1635		329	292	✓	___ Level 1
SL091	SL091-SS-05N/MS/MSD		1905/1645		485	145	✓	___ Level II
SL091	SL091-IA-05N/MS/MSD		1907/1645		483	309	✓	X Cat"B" Like
SL062	SL062-SS-05N		1915/1650		192	391	✓	
SL062	SL062-IA-05N		1916/1650		231	395	✓	
SL046	SL046-SS-05N		1924/1656		359	433	✓	
SL046	SL046-IA-05N		1925/1656		95	342	✓	
SL087	SL087-SS-05N/MS/MSD		1938/1659		216	186	✓	

1. Relinquished By / Company: [illegible] AECOM	Date: 8/29/10	Time: 1600	1. Received By/Company	Date	Time
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

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AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	~~AFP59-5~~ AFP 59-1
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	
SL087	SL087-IA-05N	8/27/10	1940/1659	AIR	350	377	✓	
SL035	SL035-IA-05N	8/27/10	1947/1710	AIR	190	126	✓	
SL035	SL035-SS-05N	8/27/10	1947/1710	AIR	288	306	✓	
SL086	SL086-SS-05N	8/27/10	1958/1737	Air	191	121	✓	
SL086	SL086-IA-05N	8/27/10	1954/1737	Air	195	305	✓	
SL090	SL090-IA-05N	8/27/10	2019/1748	Air	83	259	✓	
SL090	SL090-SS-05N	8/27/10	2017/1748	Air	335	63	✓	

Detection Limit
- ___ 5ppbv
- ___ 1ug/M3
- X 1ug/M3+TCE .25

Report Level
- ___ Level 1
- ___ Level II
- X Cat"B" Like

1. Relinquished By / Company	Date 8/27/10	Time 1600	1. Received By/Company	Date	Time
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

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AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-2
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #			Detection Limit
SL072	SL072-IA005N	8/27/10	1829/1635	AIR	367	155	1		___ 5ppbv
↓	SL072-SS005N	↓	1829/1635	↓	284	153	1		___ 1ug/M3
↓	SL072-SS005D	↓	1829/1635	↓	318	404	1		X 1ug/M3+TCE .25
SL064	SL064-IA005N	↓	1844/1644	↓	142	177	1		
↓	SL064-SS005N	↓	1843/1644	↓	222	382	1		Report Level
SL065	SL065-IA005N	↓	1854/1653	↓	87	196	1		___ Level 1
↓	SL065-SS005N	↓	1853/1653	↓	563	56	1		___ Level II
SL066	SL066-IA005N	↓	1910/1701	↓	415	454	1		X Cat"B" Like
↓	SL066-SS005N	↓	1909/1701	↓	476	65	1		
↓	SL066-SS005D	↓	1909/1701	↓	417	111	1		
SL095	SL095-IA005N	↓	1917/1715	↓	413	255	1		
↓	SL095-SS005N	↓	1919/1715	↓	463	262	1		
SL103	SL103-SS005N	↓	1930/1724	↓	94	387	1		

		Date	Time		Date	Time
1. Relinquished By / Company	Ellen A. Fin / AECOM	8/29/10	1600	1. Received By/Company		
2. Relinquished By / Company		Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company		Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company		Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company		Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFPS9-2
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / **State** / **Zip Code**	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #			Detection Limit
SL103	SL103-IA005N	8/27/10	1930 / 1724	AIR	564	394	1		___ 5ppbv
SL109	SL109-IA005N	↓	1959 / 1745	↓	197	82	1		___ 1ug/M3
↓	SL109-SS005N	↓	1958 / 1745	↓	430	374	1		X 1ug/M3+TCE .25
									Report Level
			156 8/28/10						___ Level 1
									___ Level II
									X Cat"B" Like

1. Relinquished By / Company	Peter A. Jun / AECOM	Date 8/29/10	Time 1600	1. Received By/Company		Date	Time
2. Relinquished By / Company		Date	Time	2. Received By/Company		Date	Time
3. Relinquished By / Company		Date	Time	3. Received By/Company		Date	Time
4. Relinquished By / Company		Date	Time	4. Received By/Company		Date	Time
5. Relinquished By / Company		Date	Time	5. Received By/Company		Date	Time

Comments

Chain of Custody

AECOM
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Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory			Project Name	Analysis	Chain of Custody No.
Centek Laboratories			AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-3
Address			Point of Contact / Phone No.		Comments:
143 Midler Park Drive			Devon Chicoine (703) 706-0544		
City	State	Zip Code	Site Contact / Phone No.		
Syracuse	NY	13206	Drew Foley (734) 748-2883		
ERPIMS Information			Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	Detection Limit
SL025	SL025-SS-05N	8/27/10	2029/1602	Air	2465	2560	✓	___ 5ppbv
SL025	SL025-IA-05N	8/27/10	2030/1602	Air	1163	178	✓	___ 1ug/M3
SL006	SL006-SS-05N	8/27/10	2038/1812	Air	162	380	✓	X 1ug/M3+TCE .25
SL006	SL006-IA-05N	8/27/10	2037/1812	Air	347	41	✓	
SL010	SL010-SS-05N	8/27/10	2047/1818	Air	205	172	✓	Report Level
SL010	SL010-IA-05N	8/27/10	2048/1818	Air	275	81	✓	___ Level 1
SL009	SL009-SS-05N	8/27/10	2102/1821	Air	129	260	✓	___ Level II
SL009	SL009-IA-05N	8/27/10	2103/1821	Air	274	51	✓	X Cat"B" Like
SL105	SL105-IA-05N	8/27/10	2106/1828	AIR	225	304	✓	
SL105	SL105-SS-05N	8/27/10	2105/1828	AIR	354	78	✓	
SL118	SL118-IA-05N	8/27/10	2114/1836	AIR	207	448	✓	
SL118	SL118-SS-05N	8/27/10	2114/1836	AIR	221	267	✓	
SL00A	SL00A-0A-05N-1	8/29/10	1712/1515	AIR	157	174	✓	

1. Relinquished By / Company: AECOM	Date: 8/29/10	Time: 1600	1. Received By/Company	Date	Time
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory			Project Name	Analysis	Chain of Custody No.
Centek Laboratories			AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-3
Address			Point of Contact / Phone No.		Comments:
143 Midler Park Drive			Devon Chicoine (703) 706-0544		
City	State	Zip Code	Site Contact / Phone No.		
Syracuse	NY	13206	Drew Foley (734) 748-2883		
ERPIMS Information			Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	Detection Limit
SL00B	SL00B-0A-05N-1	8/29/10	1717/1520	AIR	352	390	✓	___ 5ppbv
SL00C	SL00C-0A-05N-1	8/29/10	1726/1510	AIR	472	297	✓	___ 1ug/M3
								_X_ 1ug/M3+TCE .25
								Report Level
								___ Level 1
								___ Level II
								_X_ Cat"B" Like

1. Relinquished By / Company: AECOM	Date: 8/29/10	Time: 1600	1. Received By/Company	Date	Time
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
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Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-4
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL041	SL041-IA005N	8/27/10	1942/1753	AIR	333	253	1		___ 5ppbv
	SL041-SS005N	↓	1941/1753	↓	458	261	1		___ 1ug/M3
↓	SL041-SS005D	↓	1941/1753	↓	315	392	1		X 1ug/M3+TCE .25
SL108	SL108-IA005N	8/27/10	2010/1803	↓	571	294	1		
↓	SL108-SS005N	↓	2008/1803	↓	366	445	1		Report Level
SL088	SL088-IA005N	↓	2016/1808	↓	101	264	1		___ Level 1
↓	SL088-SS005N	↓	2016/1808	↓	188	59	1		___ Level II
SL107	SL107-IA005N	↓	2027/1816	↓	431	398	1		X Cat"B" Like
↓	SL107-SS005N	↓	2026/1816	↓	462	68	1		
SL023	SL023-IA005N	↓	2034/1823	↓	316	337	1		
↓	SL023-SS005N	↓	2033/1823	↓	479	60	1		
SL013	SL013-IA005N	↓	2043/1834	↓	165	344	1		
↓	SL013-SS005N	↓	2043/1834	↓	324	57	1		

1. Relinquished By / Company	Date	Time	1. Received By/Company	Date	Time
Peter Of Jr / AECOM	8/29/10	1600			
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory			Project Name	Analysis	Chain of Custody No.
Centek Laboratories			AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-4
Address			Point of Contact / Phone No.		Comments:
143 Midler Park Drive			Devon Chicoine (703) 706-0544		
City	State	Zip Code	Site Contact / Phone No.		
Syracuse	NY	13206	Drew Foley (734) 748-2883		
ERPIMS Information		Other Sample Information			

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #			Detection Limit
SL005	SL005-IA005N	8/27/10	2111/1844	AIR	202	296	1		___ 5ppbv
↓	SL005-SS005N	↓	2110/1849	↓	228	378	1		___ 1ug/M3
SL011	SL011-IA005N	↓	2120/1850	↓	92	260	1		_X_ 1ug/M3+TCE .25
									Report Level
									___ Level 1
			156 8/28/10						___ Level II
									_X_ Cat"B" Like

1. Relinquished By / Company	Date	Time	1. Received By/Company	Date	Time
Helen A. Fu / AECOM	8/29/10	1600			
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
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Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	~~AFP-5~~ AFP59-5
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	Detection Limit
SL042	SL042-SS-05N	8/28/10	1052/~~1456~~ 950	Air	147	127	✓	___ 5ppbv
SL042	SL042-SS-05D	8/28/10	1053/950	Air	317	293	✓	___ 1ug/M3
SL042	SL042-IA-05N	8/28/10	1054/950	Air	2226	251	✓	_X_ 1ug/M3+TCE .25
SL042	SL042-IA-05D	8/28/10	1053/950	Air	128	1416	✓	
SL098	SL098-IA-05N	8/28/2010	1106/1000	AIR	561	187	✓	Report Level
SL098	SL098-SS-05N	8/28/2010	1105/1000	AIR	467	346	✓	___ Level 1
SL098	SL098-IA-05D	8/28/2010	1106/1000	AIR	411	181	✓	___ Level II
SL031	SL031-SS-05N	8/28/10	1115/1007	Air	201	439	✓	_X_ Cat"B" Like
SL031	SL031-IA-05N	8/28/10	1114/1007	Air	3103	152	✓	
SL099	SL099-SS-05N	8/28/10	1122/1013	Air	242	54	✓	
SL099	SL099-IA-05N	8/28/10	1122/1013	Air	198	298	✓	
SL032	SL032-IA-05N	8/28/10	1129/1019	Air	554	386		
SL032	SL032-SS-05N	8/28/10	1129/1019	Air	355	379	✓	

1. Relinquished By / Company: AECOM	Date: 8/29/10	Time: 1600	1. Received By/Company	Date	Time
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory			Project Name	Analysis	Chain of Custody No.
Centek Laboratories			AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-S
Address			Point of Contact / Phone No.		Comments:
143 Midler Park Drive			Devon Chicoine (703) 706-0544		
City	State	Zip Code	Site Contact / Phone No.		
Syracuse	NY	13206	Drew Foley (734) 748-2883		
ERPIMS Information			Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL002	SL002-SS-05N	8/28/10	~~1137~~ 1027	Air	100	113	✓		___ 5ppbv
~~SL002~~	~~SL002-1A-05N~~ ~~05D~~	~~8/28/10~~	~~1137~~ 1027	Air	~~845~~	~~147~~	~~✓~~		___ 1ug/M3
SL002	SL002-SS-05D	8/28/10	1137 1027	Air	845	147	✓		X 1ug/M3+TCE .25
SL002	SL002-1A-05N	8/28/10	1137 1027	Air	348	58	✓		
									Report Level
									___ Level 1
									___ Level II
									X Cat"B" Like

1. Relinquished By / Company	Date	Time	1. Received By/Company	Date	Time
AECOM	8/29/10	1600			
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-6
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL011	SL011-SS005N	8/27/10	2117 / 1850	AIR	425	263	1		___ 5ppbv
SL074	SL074-SS005N/MS/MSD	8/28/10	1041 / 0952		209	42	1		___ 1ug/M3
↓	SL074-IA005N		1042 / 0952		290	118	1		X 1ug/M3+TCE .25
↓	SL074-IA005D		1044 / 0952		567	281	1		
SL058	SL058-SS005N		1054 / 1000		223	436	1		Report Level
↓	SL058-IA005N		1055 / 1000		418	79	1		___ Level 1
SL069	SL069-IA005N		1102 / 1005		364	455	1		___ Level II
↓	SL069-SS005N		1102 / 1005		475	406	1		X Cat"B" Like
SL004	SL004-IA005N		1110 / 1011		214	400	1		
↓	SL004-SS005N		1110 / 1011		161	405	1		
SL106	SL106-IA005N		1121 / 1015		493	180	1		
↓	SL106-SS005N		1121 / 1015		232	339	1		
SL078	SL078-IA005N	↓	1137 / 1021	↓	463	403	1		

1. Relinquished By / Company	Date	Time	1. Received By/Company	Date	Time
[illegible] / AECOM	8/29/10	1600			
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-6
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL078	SL078-IA005 D	8/28/10	1137 / 1021	AIR	421	446	1		___ 5ppbv
↓	SL078-SS005N		1130 / 1021		464	119	1		___ 1ug/M3
SL052	SL052-IA005N		1147 / 1026		78	80	1		X 1ug/M3+TCE .25
SL084	SL084-SS005N/MS/MSD	↓	1157 / 1031	↓	~~482~~ 494	156	1		
									Report Level
									___ Level 1
									___ Level II
									X Cat"B" Like

150 8/29/10

	Date	Time		Date	Time
1. Relinquished By / Company: [illegible] / AECOM	8/29/10	1600	1. Received By/Company		
2. Relinquished By / Company			2. Received By/Company		
3. Relinquished By / Company			3. Received By/Company		
4. Relinquished By / Company			4. Received By/Company		
5. Relinquished By / Company			5. Received By/Company		

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59 - 7
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / **State** / **Zip Code**	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	
SL016	SL016-IA-05N	8/28/10	1143/1030	Air	495	385	✓	
SL016	SL016-SS-05N	8/28/10	1144/1030	Air	237	249	✓	
SL003	SL003-SS-05N	8/28/10	1152/1045	Air	457	115	✓	
SL003	SL003-SS-05D	8/28/10	1152/1045	Air	427	27	✓	
SL003	SL003-IA-05N	8/28/10	1153/1045	Air	193	384	✓	
SL014	SL014-IA-05N	8/28/10	1200/1049	AIR	360	301	✓	
SL014	SL014-SS-05N	8/28/10	1200/1049	AIR	334	300	✓	
SL022	SL022-SS-05N	8/28/10	1202/1055	Air	159	109	✓	
SL022	SL022-IA-05N	8/28/10	1202/1055	Air	286	117	✓	
SL111	SL111-IA-05N	8/28/10	1221/1059	AIR	241	120	✓	
SL111	SL111-SS-05N	8/28/10	1217/1059	AIR	141	399	✓	
SL030	SL030-IA-05N	8/28/10	1250/1106	AIR	420	375	✓	
SL030	SL030-SS-05N	8/28/10	1249/1106	AIR	229	173	✓	

Detection Limit
- ___ 5ppbv
- ___ 1ug/M3
- X 1ug/M3+TCE .25

Report Level
- ___ Level 1
- ___ Level II
- X Cat"B" Like

1. Relinquished By / Company	Date	Time	1. Received By/Company	Date	Time
[signature] AECOM	8/29/10	1200			
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	**AFP 59 Vapor Intrusion Study**	VOCs (TO-15)	AFP59-7
Address **143 Midler Park Drive**	*Point of Contact / Phone No.* **Devon Chicoine (703) 706-0544**		*Comments:*
City **Syracuse** / *State* **NY** / *Zip Code* **13206**	*Site Contact / Phone No.* **Drew Foley (734) 748-2883**		

ERPIMS Information		Other Sample Information						
LOCID	*Sample I.D.*	*Date*	*Vacuum Start/Stop*	*Matrix*	*Canister #*	*Regulator #*		
SL101	SL101-1A-0SN	8/28/10	1242/1110	Air	547	60	✓	
SL101	SL101-SS-0SN	8/28/10	1240/1110	Air	85	279	✓	

Detection Limit
___ 5ppbv
___ 1ug/M3
_X_ 1ug/M3+TCE .25

Report Level
___ Level 1
___ Level II
_X_ Cat"B" Like

1. Relinquished By / Company	Date 8/29/10	Time 1600	1. Received By/Company	Date	Time
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-8
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / **State** / **Zip Code**	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL052	SL052-SSOOSN	8/28/10	1446 / 1026	AIR	89	440	1		___ 5ppbv
SL084	SL084-IAOOSN		1158 / 1031		230	494	1		___ 1ug/M3
↓	SL084-IAOOSD		1158 / 1031		125	278	1		X 1ug/M3+TCE .25
SL055	SL055-IAOOSN		1208 / 1038		170	310	1		
↓	SL055-SSOOSN		1208 / 1038		422	432	1		Report Level
SL054	SL054-IAOOSN		1217 / 1046		349	143	1		___ Level 1
↓	SL054-SSOOSN		1217 / 1046		358	252	1		___ Level II
SL076	SL076-IAOOSN		1228 / 1053		131	44	1		X Cat"B" Like
↓	SL076-SSOOSN		1227 / 1053		543	381	1		
SL077	SL077-IAOOSN		1230 / 1058		320	269			
↓	SL077-SSOOSN		1235 / 1058		550	179			
SL043	SL043-IAOOSN		1245 / 1101		287	302			
↓	SL043-SSOOSN	↓	1245 / 1101	↓	328	346			

	Date	Time		Date	Time
1. Relinquished By / Company: Dennis Y / AECOM	8/29/10	1600	1. Received By/Company		
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-8
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL044	SL044-I1005N	8/28/10	1258 / 1107	AIR	407	435	1		___ 5ppbv
↓	SL044-5005N	8/28/10	1256 / 1107	↓	544	372	1		___ 1ug/M3
SL094	SL094-I1005N	8/28/10	1342 / 1352	↓	428	401	1		X 1ug/M3+TCE .25
									Report Level
									___ Level 1
									___ Level II
									X Cat"B" Like

15G 8/29/10

	Date	Time		Date	Time
1. Relinquished By / Company: Maine 5 / AECOM	8/29/10	1600	1. Received By/Company		
2. Relinquished By / Company			2. Received By/Company		
3. Relinquished By / Company			3. Received By/Company		
4. Relinquished By / Company			4. Received By/Company		
5. Relinquished By / Company			5. Received By/Company		

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-9
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		

ERPIMS Information | Other Sample Information

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	Detection Limit
SL112	SL112-IA-05N	8/28/10	1303/1115	AIR	481	277	✓	___ 5ppbv
SL112	SL112-SS-05N	8/28/10	1307/1115	AIR	289	449	✓	___ 1ug/M3
SL027	SL027-IA-05N	8/28/10	1318/1122	AIR	542	402	✓	X 1ug/M3+TCE .25
SL027	SL027-SS-05N	8/28/10	1317/1122	AIR	130	258	✓	
SL00A	SL00A-DA-05N-2	8/28/10	1518/1330	Air	291	424	✓	Report Level
SL00B	SL00B-DA-05N-2	8/28/10	1521/1332	Air	245	271	✓	___ Level 1
SL00C	SL00C-DA-05N-2	8/28/10	1511/1327	Air	410	184	✓	___ Level II
SL094	SL094-[redacted]5005N	8/28/10	1513/1352	AIR	325	47	1	X Cat"B" Like

1. Relinquished By / Company: Aecom	Date: 8/29/10	Time: 1600	1. Received By/Company	Date	Time
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 1 OF 1

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-10
Address	Point of Contact / Phone No.		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City: Syracuse / State: NY / Zip Code: 13206	Site Contact / Phone No.		
	Drew Foley (734) 748-2883		

ERPIMS Information		Other Sample Information						
LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #		
SL079	SL079-IA-05N	8/28/10	1545/1355	AIR	429	718	1	
↓	SL079-SS-05N	↓	1544/1355	↓	336	437	1	
		156	8/29/10					

Detection Limit
___ 5ppbv
___ 1ug/M3
_X_ 1ug/M3+TCE .25

Report Level
___ Level 1
___ Level II
_X_ Cat"B" Like

1. Relinquished By / Company: Aecom	Date: 8/29/10	Time: 1600	1. Received By/Company	Date	Time	
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time	
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time	
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time	
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time	

Comments

Appendix C

Indoor Air Quality Questionnaire and Building Inventory Forms

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SL002
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

West

Outdoor air infiltration

Infiltration into air ducts

SLOOR
8/29/00

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.3

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SLOOS
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Bath

Outdoor air infiltration

Infiltration into air ducts

SL003
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.5

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL006
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

West

Outdoor air infiltration

Infiltration into air ducts

SL004
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae, 2000, 0.2ppm

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
4 Pt.	ABC Fire Extinq.	1gal	UO	NA	0.2	N
10	Unlabled 55-gal	55gal	U		0.2	N
	drums				↓	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL005

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTH WESTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRae 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
2' away	Enamel spray paint	12oz	U	~~Ethylbenzene~~, xylene Butane,	0.1	N
3' away	~~Oil~~ Oil contaminated debris	55gal	U	unknown	0.1	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SL004

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

SOUTH WESTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS		LOCATED	NEAR	SLOPE		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

8009
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

West

Outdoor air infiltration

Infiltration into air ducts

8/10/10
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, 0.2

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SLO 11

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

SOUTHERN DIRECTION

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

SLO11

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS LOCATED NEAR SLO11					—	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SC010
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

East

Outdoor air infiltration

Infiltration into air ducts

8610
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae PID, 0.1

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL013

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTHWESTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRAE 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	Lens Cleaner	8oz.	U	Detergents, anti-fog agents, isopropyl alcohol	0.1	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SUOIH
~~8/15~~
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Up and South

Outdoor air infiltration

Infiltration into air ducts

SCOH
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.5

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
2nd	Hand sanitizer	9oz	U	Benzalkonium chlor-	0.6	N
				ide		
2SA	IPA	3oz	U	IPA	0.5	N
2SA.	IPA	8oz	U	IPA	0.5	N
2SA.	Aeroshell Grease	13oz	U	NA	0.5	N
2nd.	Buckey Blue	12oz	U	NA	0.6	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL016

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Up

Outdoor air infiltration

Infiltration into air ducts

Ambient PID

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini Rae 2000 0.4

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Near Door	Air cleaner	16oz	Used		0.0	N
Wall	Fire Extinguisher (B,C)		Full/UO	Class B and C	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL022
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

south

Outdoor air infiltration

Infiltration into air ducts

SLD22
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 O.H

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

SL023

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source
EASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRae 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	Sharpie		U	unknown	0.0	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

S4025
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

up

Outdoor air infiltration

Infiltration into air ducts

SL025
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, 0.1

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

S6027

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Southwest and up

Outdoor air infiltration

Infiltration into air ducts

SL027
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.6

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Loft	Open bucket of unmarked red liquid	5gal	U	NA	0.6	N
BR	Pro Clean	1L	U	NA	0.8	N
2nd	IPA	0.5L	U	IPA	1.2	N
1st	IPA	16oz	U	IPA	0.6	N
1st	Fire Extinguisher	1.5gal	U	NA	0.6	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

36030
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Southeast

Outdoor air infiltration

Infiltration into air ducts

~~Mini-Rae~~

SC030
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.5

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Loft	Fire Extinguisher	1gal	UO	Monoammonium phosphate Ammonium sulfate	0.5	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

S6031
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Up

Outdoor air infiltration

Infiltration into air ducts

8031
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.0 ppm

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
10ft	Hand sanitizer	8oz	U	IPA, tocopheryl	0.0	N
10ft	20 markers	20oz	U	acetate		
10ft	20 markers	20oz	U	NA	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL032
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Up and West

Outdoor air infiltration

Infiltration into air ducts

SL082
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.2

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
1SF	Hand Sanitizer	8oz	U	Ethyl alcohol	1.0	N
1SF	4 markers	4oz	U	N/A	0.2	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

8035
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

south

Outdoor air infiltration

Infiltration into air ducts

34035
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.0

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
20ft	Nitrogen	~~20~~ ? gal	UO	7727-37-9	0.0	N
20ft	Compressed gas	~~20~~ gal	U	811-97-2; 354-33-6; 75-46-5	0.1	N
20ft.	4 large, unlabled				0.0	N
	compressed gas					
	canisters					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SLO41

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

EASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

SL041

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO PRODUCTS LOCATED NEAR SAMPLE POINT						

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Slab
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split-Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Up

Outdoor air infiltration

Infiltration into air ducts

SL042
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, 0.0

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Loft	Expo Board Cleaner	10oz	U	2-Butoxyl ethanol IPA	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL043

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

EASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS	NEAR	SLOAS				

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Southeastern Direction

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
4/ FROM SL	DESK & OFFICE Cleaner	15oz	U	Isobutane, ISOPROPYL alcohol, surfactant, sodium carbonate	0-1	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL0416
8/27/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

South

Outdoor air infiltration

Infiltration into air ducts

8/04/10
8/22/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
1st.	Fluorescent Gas Leak Detector	5oz	U	107-21-1	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL052

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTHERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS	NEAR	SO52				

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL054

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTHERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
NO CHEMICALS LOCATED NEAR SLOSH						

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SLOSS

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

SOUTHERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS LOCATED NEAR SLOSS						

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

SL058

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

Southern DIRECTION

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
NO CHEMICALS NEAR SLOSS						

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SC0162
8/27/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

up

Outdoor air infiltration

Infiltration into air ducts

SL0062
8/27/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, 0.0

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
entrance 203	ABC Fire Extng.	5gal	UO	Mica, monoammonium phosphate, ammonium sulfate	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL043
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Down

Outdoor air infiltration

Infiltration into air ducts

SLDC3
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, 0.0

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Rm211	Revive Cleaner	32	U	68603-42-9; 111-90-0; 7732-18-5	0.0	N
Rm211	ProStrip	5gal	U	141-43-5; 111-90-0; 100-51-6; 1310-73-2	0.0	N
Rm211	AIRx T5	1qt	U	EPA Reg. No. 1839-83-44089	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

SL0604

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SL0604

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

EASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

2065

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Northern Direction

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
on wall	Fire Extinguisher		UO		0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SLOPE

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTHEASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS	FOUND	NEAR	SAMPLE	LOCATION		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SL0609

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

SOUTHERN ** DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS	LOCATED			NEAR SLOG9	—	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

SL076

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTHERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS	LOCATED			NEAR SLO76		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SLOPE

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

EASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO CHEMICALS NEAR				SLO 74		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL072

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTHEASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini Rae 2000 PID

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	Hand Sanitizer	1200 mL	U	Ethyl Alcohol	0.1	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SLO 8LL
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

North

Outdoor air infiltration

Infiltration into air ducts

SL0846
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, 0.0

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
1 Sft.	Permanent marker	1oz	U	NA	0.0	N
1 Sft.	Ink Pad	1oz	U	NA	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL084

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source
SOUTHERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO	CHEMICALS	NEAR	SLOPE			

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL079
8/24/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Northwest

Outdoor air infiltration

Infiltration into air ducts

SL079
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 O.H

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Bft.	Axcel	20z	U	NA	0.5	N x4
Bft.	Pro-Clean	20z	U	NA	0.5	N x4
Bft.	IPA	20z	U	~~NA~~ IPA	0.5	N x4
Bft.	Pro-Clean	?	U	NA	0.5	N
			~~U~~			
	located in					
	dry chamber					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL077

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTH EASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

SL077

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO chemicals located near SL077						

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL078

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Southern direction

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
NO	CHEMICALS		LOCATED	NEAR SLO78		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

86087
8/27/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

North

Outdoor air infiltration

Infiltration into air ducts

84087
8/23/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SL088

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

NORTHERN DIRECTION

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
NO CHEMICALS FOUND NEAR SLOSS						

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

86090
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Up

Outdoor air infiltration

Infiltration into air ducts

8L090
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 O.D

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
2ft.	Dawn Soap	10oz	U	68585-47-1; 64-17-5 68585-34-2; 70592-80-2	0.1	N
5ft.	Gojo Soap	15oz	U	NA	0.1	N
20ft.	Light Duty Cleaner	32oz	U	EPA Reg NO: 6922-68-2	0.1	N
20ft.	Sharpie	1oz	U	NA	0.1	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL091
8/27/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

East

Outdoor air infiltration

Infiltration into air ducts

8091
8/27/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, O-O.

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SL094

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

EASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Right above S2	DRY ERASE MARKERS		U	UNKNOWN	0.1	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SL0915

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NORTHEASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
cart 5ft from SL	Greaseless Lubricant	11oz	U	Aliphatic Hydrocarbon CO_2 propellant, surfactant, lubricant	0.3	N
table left from SL	Stamp Ink	2fl oz	U	UNKNOWN	0.1	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL098
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Dispersed in all directions

Outdoor air infiltration

Infiltration into air ducts

8098
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 O.D

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
10ft	Hand Sanitizer	2oz	U	Ethyl alcohol	0.0	N
8ft.	Hand lotion	8oz	U	Cetearyl alcohol	0.0	N
8ft.	Markers	2oz	U	NA	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SU01
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

Up

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

SC10
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.5

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

20099
8/24/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Dispersed in all directions

Outdoor air infiltration

Infiltration into air ducts

3L099
8/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.0 AP 0.1

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
15A.	Hand sanitizer	16oz	U	Ethyl alcohol	0.1	N
20A	Markers	20oz	U	NA	0.1	N
20A.	Aero-Duster	140z	U	811-97-2	0.1	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

SL103

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini Rae 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Tube 23' from SL	Liquid Tip	Unknown	U	UNKNOWN	0.1	N
	Hand Sanitizer	—	UO	Ethyl Alcohol	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL109

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source
NORTHEASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini Rae 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
6' Radius	Vigun A 200+ contained	55gal	U		0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SL108

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

NO FLOW DIRECTION, STRAIGHT UP.

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MINI RAE 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
3' FROM SL	DYMAX 989 LV 1 FLOZ		U	UNKNOWN	0.1	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SL107

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

EASTERN DIRECTION

Outdoor air infiltration

Infiltration into air ducts

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRae 2000

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
SUMP	LOCATED IN HALLWAY, NO CHEMICALS				NEARBY	

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

SLIOLO

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

NORTHEEN DIRECTION

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
NO CHEMICALS NEAR SLUDGE						

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

~~3C010~~ JP
SL105
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

East

Outdoor air infiltration

Infiltration into air ducts

SWOS
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, 0.1

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
BR.	ABC Fire Ext.	2gal	UO	magnesium aluminum silicate aluminum silicate sodium bicarbonate	0.2	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SLM
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

South

Outdoor air infiltration

Infiltration into air ducts

SGM
8/24/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.5

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
2SFT	[illegible] IPA	40oz	U	IPA	0.7	N
2SFT	3M Desk Cleaner	1508	U	75-28-5	0.60	N
				67-63-0		
				61791-00-2		
				497-19-8		
				141-43-5		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

SC112
8/29/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Up

Outdoor air infiltration

Infiltration into air ducts

SC 1&2
3/29/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000 0.0

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Int	Brillianize	8oz	U	NA	0.0	N
Int.	Markers	8oz	U	NA	0.0	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

8U118
8/28/10

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

West

Outdoor air infiltration

Infiltration into air ducts

SLIB
8/28/10

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Mini-Rae 2000, 0.1

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
2ft.	ABC Fire Extinq.	1 gal	UO	Mica, monoammonium phosphate, ~~and~~ ammonium sulfate		

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix D

Waste Manifests

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F. REGULATORY STATUS

YES ☑ NO USEPA HAZARDOUS WASTE?

☑ YES NO DO ANY STATE WASTE CODES APPLY?

CR04 MA99

Texas Waste Code

YES ☑ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

YES ☑ NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY: ***Not subject to LDR***
VARIANCE INFO:

YES ☑ NO IS THIS A UNIVERSAL WASTE?

YES ☑ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG)?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☑ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☑ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES ☑ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?

YES ☑ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES ☑ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?

What is the TAB quantity for your facility? _____ Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing

Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

N/A, NON DOT REGULATED MATERIAL, N/A

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☑ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

☑ **CONTAINERIZED**

1-1 CONTAINERS/SHIPMENT

STORAGE CAPACITY:
CONTAINER TYPE:

CUBIC YARD BOX PALLET
TOTE TANK ☑ DRUM
OTHER:

DRUM SIZE: ***55***

BULK LIQUID

GALLONS/SHIPMENT: ***0 Min -0 Max*** GAL.

BULK SOLID

SHIPMENT UOM: TON YARD

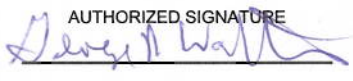
TONS/YARDS/SHIPMENT: ***0 Min - 0 Max***

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:
same as CH499262 but different Cust/gen

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE  NAME (PRINT) GEORGE R WATERS TITLE ENV BNG Air Force DATE 12/30/2010

Site Address : SAME

SC PPW 10/26/2010
WORK ORDER NO. 2243924/001

DOCUMENT NO. 401664 **STRAIGHT BILL OF LADING**

TRANSPORTER 1 Clean Harbors Environmental Services Inc VEHICLE ID #

EPA ID # MA0039322250 TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2 VEHICLE ID #

EPA ID # TRANS. 2 PHONE

DESIGNATED FACILITY			SHIPPER		
Spring Grove Resource Recovery Inc			Formerly U S Air Force Plant 59		
FACILITY EPA ID # OHD000516629			SHIPPER EPA ID # NONEREQUIRED		
ADDRESS 4879 Spring Grove Avenue			ADDRESS 600 Main Street		
CITY Cincinnati	STATE OH	ZIP 45232	CITY Johnson City	STATE NY	ZIP 13790

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
2X55	DM		A. NON DOT REGULATED MATERIAL, (PURGE WATER)	300	P
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY PHONE #: (800) 483-8732 GENERATOR PHONE #: (734) 746-2683
A.CH#474493

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Stacey R. Whallon for AFRP Acting	Stacey R Whallon	2/3/11
TRANSPORTER 1	Walt St. Procn		2-3-11
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

CHI 107

Appendix E

Summary Statistics for Analytical Data Generated During the Investigation

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Summary Statistics for Indoor Air Sampling - Round 4
Air Force Plant 59, New York

Chemical	Minimum Concentration (ug/m^3)	Maximum Concentration (ug/m^3)	Average Concentration (ug/m^3)	Median Concentration (ug/m^3)	Location of Maximum Concentration	Detection Frequency	Percent Detected
Acetone	13.3	90.23	35.9	32.06	SL014-IA	66 / 66	100.00
Benzene	0.35	1.12	0.701	0.7	SL091-IA	66 / 66	100.00
Benzyl Chloride	0.88	0.88	0.403	0.39	SL112-IA	1 / 66	1.52
2-Butanone	0.97	82.54	6.575	4.42	SL105-IA	60 / 66	90.91
Carbon disulfide	0.34	2.49	0.492	0.288	SL052-IA	33 / 66	50.00
Carbon tetrachloride	0.25	1.26	0.453	0.5	SL064-IA	60 / 66	90.91
Chlorobenzene	1.33	1.33	0.365	0.345	SL035-IA	1 / 66	1.52
Chloroform	1.02	1.02	0.38	0.365	SL064-IA	1 / 66	1.52
Chloromethane	0.39	0.7	0.189	0.155	SL042-IA	5 / 66	7.58
Cyclohexene	0.34	7.57	1.494	0.31	SL091-IA	31 / 66	46.97
1,4-Dichlorobenzene	0.72	0.72	0.461	0.45	SL004-IA	1 / 66	1.52
Dichlorodifluoromethane	1.78	3.36	0.575	0.37	SL064-IA	6 / 66	9.09
cis-1,2-Dichloroethene	0.4	1.55	0.358	0.295	SL009-IA	9 / 66	13.64
trans-1,2-Dichloroethene	0.67	0.67	0.305	0.295	SL023-IA	1 / 66	1.52
Ethyl Acetate	1.51	12.97	2.931	2.79	SL063-IA	45 / 66	68.18
Ethylbenzene	0.43	9.11	1.77	1.195	SL105-IA	62 / 66	93.94
4-Ethyltoluene	0.49	3.73	1.181	0.86	SL055-IA	51 / 66	77.27
Freon 113	0.77	11.49	0.947	0.575	SL065-IA	9 / 66	13.64
2-Hexanone	0.45	1.06	0.632	0.615	SL063-IA	15 / 66	22.73
Isopropyl alcohol	3.19	761.63	133.9	65.11	SL035-IA	66 / 66	100.00
4-Methyl-2-pentanone	0.45	8.6	1.77	1.39	SL064-IA	59 / 66	89.39
Methylene chloride	0.56	2.22	0.594	0.26	SL106-IA	28 / 66	42.42
n-Heptane	0.49	3.56	1.043	0.88	SL025-IA	45 / 66	68.18
n-Hexane	1.13	22.9	3.863	2.255	SL091-IA	51 / 66	77.27
Styrene	0.43	2.55	0.853	0.6	SL063-IA	40 / 66	60.61
Tetrachloroethene	0.68	2.03	0.618	0.51	SL066-IA	14 / 66	21.21
Tetrahydrofuran	0.97	4.13	0.402	0.28	SL006-IA	3 / 66	4.55
Toluene	2.15	320.19	16.62	7.72	SL105-IA	66 / 66	100.00
1,1,1-Trichloroethane	0.71	34.36	0.946	0.41	SL064-IA	4 / 66	6.06
Trichloroethene	0.43	39.75	2.241	1.24	SL077-IA	66 / 66	100.00

Summary Statistics for Indoor Air Sampling - Round 4
Air Force Plant 59, New York

Chemical	Minimum Concentration (ug/m^3)	Maximum Concentration (ug/m^3)	Average Concentration (ug/m^3)	Median Concentration (ug/m^3)	Location of Maximum Concentration	Detection Frequency	Percent Detected
Trichlorofluoromethane	1.24	5.62	1.387	1.375	SL069-IA	35 / 66	53.03
1,2,4-Trimethylbenzene	1.03	16.71	5.362	4.155	SL055-IA	66 / 66	100.00
1,3,5-Trimethylbenzene	0.49	4.18	1.696	1.43	SL055-IA	65 / 66	98.48
2,2,4-Trimethylpentane	0.47	4.67	0.994	0.725	SL091-IA	54 / 66	81.82
Vinyl acetate	3.31	3.31	0.401	0.35	SL062-IA	1 / 66	1.52
m,p-Xylene	0.65	26.04	5.327	3.625	SL105-IA	66 / 66	100.00
o-Xylene	0.43	6.94	1.987	1.455	SL105-IA	65 / 66	98.48

Summary Statistics for Outdoor Air Sampling - Round 4
Air Force Plant 59, New York

Chemical	Minimum Concentration (ug/m3)	Maximum Concentration (ug/m3)	Average Concentration (ug/m3)	Median Concentration (ug/m3)	Location of Maximum Concentration	Detection Frequency	Percent Detected
Acetone	49.86	125.85	83.11	73.61	OA-B	6 / 6	100.00
Benzene	0.8	1.21	1.027	1.04	OA-C	6 / 6	100.00
2-Butanone	2.59	18.28	8.833	6.925	OA-C	6 / 6	100.00
Carbon tetrachloride	0.57	0.63	0.6	0.6	OA-A, OA-B, OA-C	6 / 6	100.00
Cyclohexene	3.17	5.16	2.347	1.74	OA-C	3 / 6	50.00
1,3-Dichlorobenzene	1.86	3.85	3.147	3.58	OA-C	6 / 6	100.00
Ethyl Acetate	1.95	7.2	4.13	3.6	OA-C	6 / 6	100.00
Ethylbenzene	0.48	5.64	2.549	2.255	OA-C	5 / 6	83.33
4-Ethyltoluene	0.49	3.05	1.422	1.205	OA-C	5 / 6	83.33
2-Hexanone	0.78	0.78	0.643	0.615	OA-A	1 / 6	16.67
Isopropyl alcohol	5.41	23.59	14.13	13.88	OA-C	6 / 6	100.00
4-Methyl-2-pentanone	0.66	5.73	2.287	1.82	OA-A	6 / 6	100.00
n-Heptane	1.23	2.29	1.383	1.6	OA-B	4 / 6	66.67
n-Hexane	13.74	28.18	10.76	7.003	OA-C	3 / 6	50.00
Styrene	1.92	2.64	1.275	1.12	OA-C	3 / 6	50.00
Tetrachloroethene	0.68	0.75	0.578	0.51	OA-A	2 / 6	33.33
Toluene	2.49	35.41	16.58	13.75	OA-C	6 / 6	100.00
Trichloroethene	0.75	1.4	1.128	1.155	OA-A, OA-B	6 / 6	100.00
1,2,4-Trimethylbenzene	2.11	10.81	6.043	5.255	OA-B	6 / 6	100.00
1,3,5-Trimethylbenzene	0.59	3.1	1.77	1.77	OA-C	6 / 6	100.00
2,2,4-Trimethylpentane	0.56	3.5	1.663	1.235	OA-C	6 / 6	100.00
m,p-Xylene	1.17	15.63	7.408	6.77	OA-C	6 / 6	100.00
o-Xylene	0.48	5.64	2.74	2.45	OA-C	6 / 6	100.00

Summary Statistics for Sub-slab Vapor Sampling - Round 4
Air Force Plant 59, New York

Chemical	Minimum Concentration (ug/m3)	Maximum Concentration (ug/m3)	Average Concentration (ug/m3)	Median Concentration (ug/m3)	Location of Maximum Concentration	Detection Frequency	Percent Detected
Acetone	13.53	1377.18	61.84	30.87	SL087-SS	65 / 65	100.00
Benzene	0.35	11.5	1.399	0.8	SL027-SS	58 / 65	89.23
2-Butanone	0.74	206.35	7.484	2.8	SL105-SS	63 / 65	96.92
Carbon disulfide	0.31	6.23	0.73	0.56	SL063-SS	57 / 65	87.69
Carbon tetrachloride	0.25	282.99	10.91	0.94	SL009-SS	63 / 65	96.92
Chlorobenzene	0.69	10.12	0.525	0.345	SL003-SS	2 / 65	3.08
Chloroethane	0.37	1.87	0.263	0.2	SL088-SS	5 / 65	7.69
Chloroform	0.54	20.99	1.67	0.54	SL118-SS	29 / 65	44.62
Chloromethane	0.21	2.48	0.373	0.155	SL027-SS	25 / 65	38.46
Cyclohexene	0.34	28.56	2.852	0.65	SL088-SS	46 / 65	70.77
1,4-Dichlorobenzene	0.66	5.77	0.565	0.45	SL078-SS	3 / 65	4.62
Dichlorodifluoromethane	1.19	10.88	3.03	3.16	SL063-SS	57 / 65	87.69
1,1-Dichloroethane	0.45	80.91	2.844	0.305	SL055-SS	19 / 65	29.23
1,1-Dichloroethene	0.44	21.8	1.339	0.295	SL046-SS and SL118-SS	6 / 65	9.23
cis-1,2-Dichloroethene	0.4	253.65	5.741	0.295	SL084-SS	28 / 65	43.08
trans-1,2-Dichloroethene	0.44	79.27	1.693	0.295	SL084-SS	11 / 65	16.92
1,4-Dioxane	0.61	9.73	0.761	0.54	SL055-SS	3 / 65	4.62
Ethyl Acetate	0.76	28.82	2.534	1.69	SL063-SS	47 / 65	72.31
Ethylbenzene	0.43	23	2.8	0.82	SL064-SS	56 / 65	86.15
4-Ethyltoluene	0.49	11.3	1.563	0.84	SL064-SS	48 / 65	73.85
Freon 113	0.77	1149.07	77.1	18.39	SL112-SS	60 / 65	92.31
2-Hexanone	0.41	2.62	0.718	0.615	SL086-SS	25 / 65	38.46
Isopropyl alcohol	12.04	712.49	116.3	83.53	SL109-SS	65 / 65	100.00
Methyl tert butyl ether	0.47	1.3	0.374	0.27	SL069-SS, SL099-SS,	9 / 65	13.85

Summary Statistics for Sub-slab Vapor Sampling - Round 4
Air Force Plant 59, New York

Chemical	Minimum Concentration (ug/m3)	Maximum Concentration (ug/m3)	Average Concentration (ug/m3)	Median Concentration (ug/m3)	Location of Maximum Concentration	Detection Frequency	Percent Detected
4-Methyl-2-pentanone	0.49	6.55	1.764	1.47	SL072-SS and SL087-SS	55 / 65	84.62
Methylene chloride	0.42	7.64	1.399	0.87	SL064-SS	59 / 65	90.77
n-Heptane	0.41	8.6	1.136	0.57	SL064-SS	35 / 65	53.85
n-Hexane	0.63	38.75	2.353	1.23	SL087-SS	44 / 65	67.69
Styrene	0.47	1.7	0.571	0.32	SL078-SS	23 / 65	35.38
Tetrachloroethene	0.75	48.14	3.607	1.02	SL010-SS	38 / 65	58.46
Tetrahydrofuran	6.78	6.78	0.399	0.28	SL063-SS	1 / 65	1.54
Toluene	1.96	828.72	27.45	6.78	SL105-SS	65 / 65	100.00
1,1,1-Trichloroethane	0.87	3326.9	220.2	44.18	SL118-SS	62 / 65	95.38
Trichloroethene	0.75	5371.52	261.6	22.02	SL084-SS	65 / 65	100.00
Trichlorofluoromethane	0.95	101.09	8.751	2.81	SL023-SS	64 / 65	98.46
1,2,4-Trimethylbenzene	1.18	27.52	5.588	3.64	SL072-SS	65 / 65	100.00
1,3,5-Trimethylbenzene	0.64	10.32	1.858	1.18	SL072-SS	60 / 65	92.31
2,2,4-Trimethylpentane	0.47	3.69	0.891	0.7	SL006-SS	46 / 65	70.77
Vinyl chloride	0.26	0.46	0.208	0.19	SL072-SS	3 / 65	4.62
m,p-Xylene	0.82	65.11	7.55	2.56	SL105-SS	64 / 65	98.46
o-Xylene	0.43	17.8	2.555	1.17	SL064-SS	62 / 65	95.38

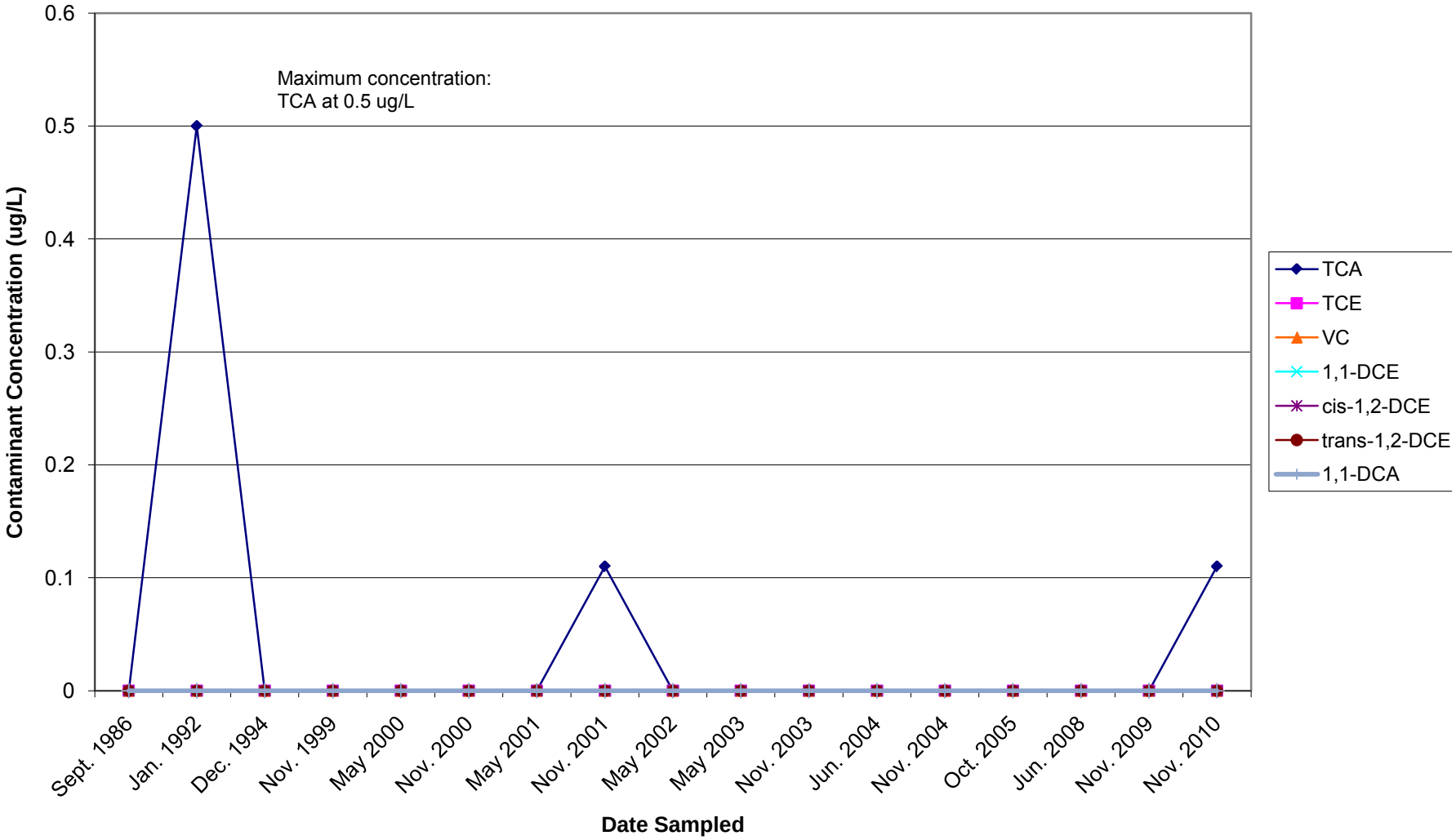
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Appendix F

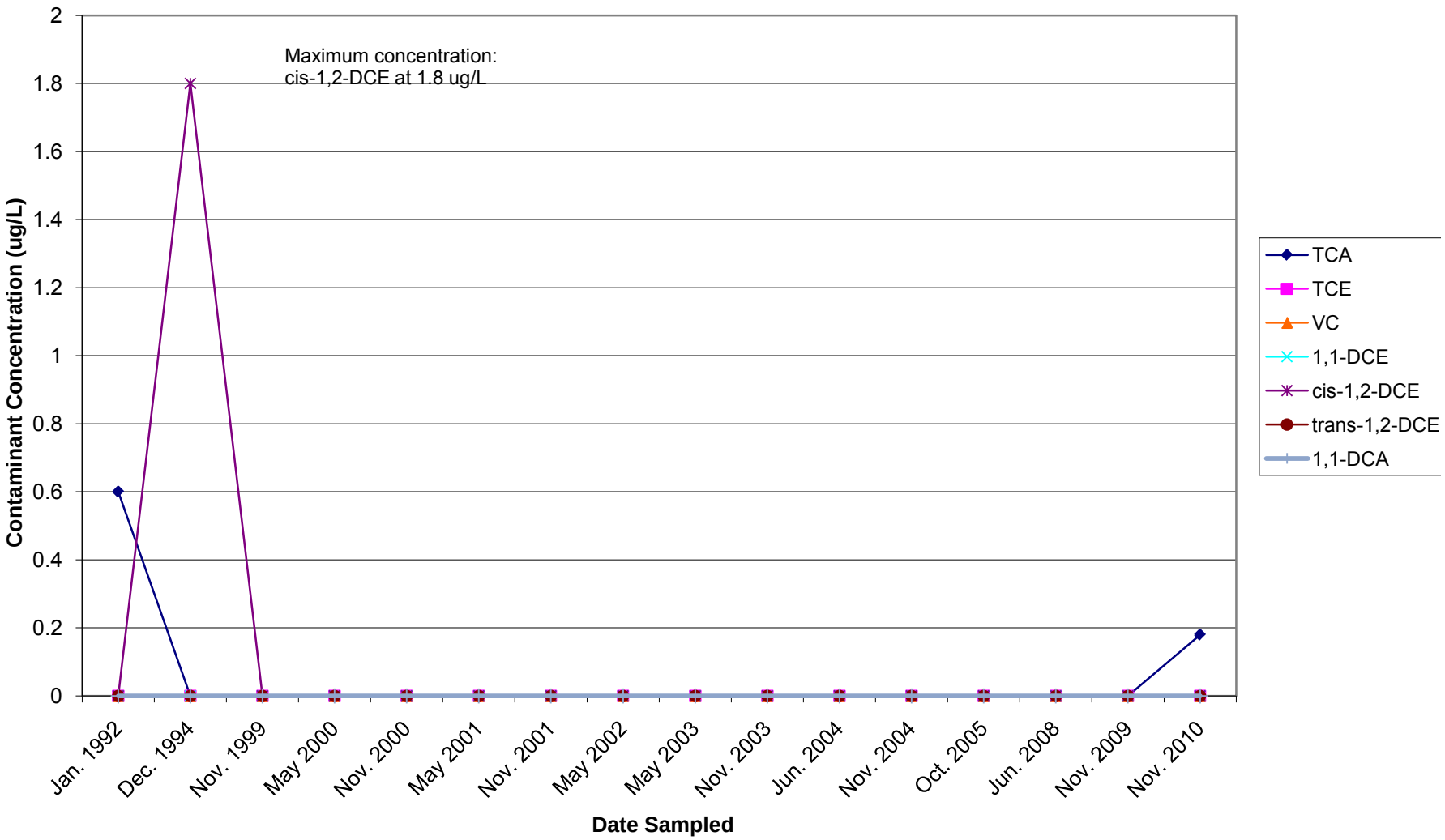
Groundwater Trend Analysis Charts

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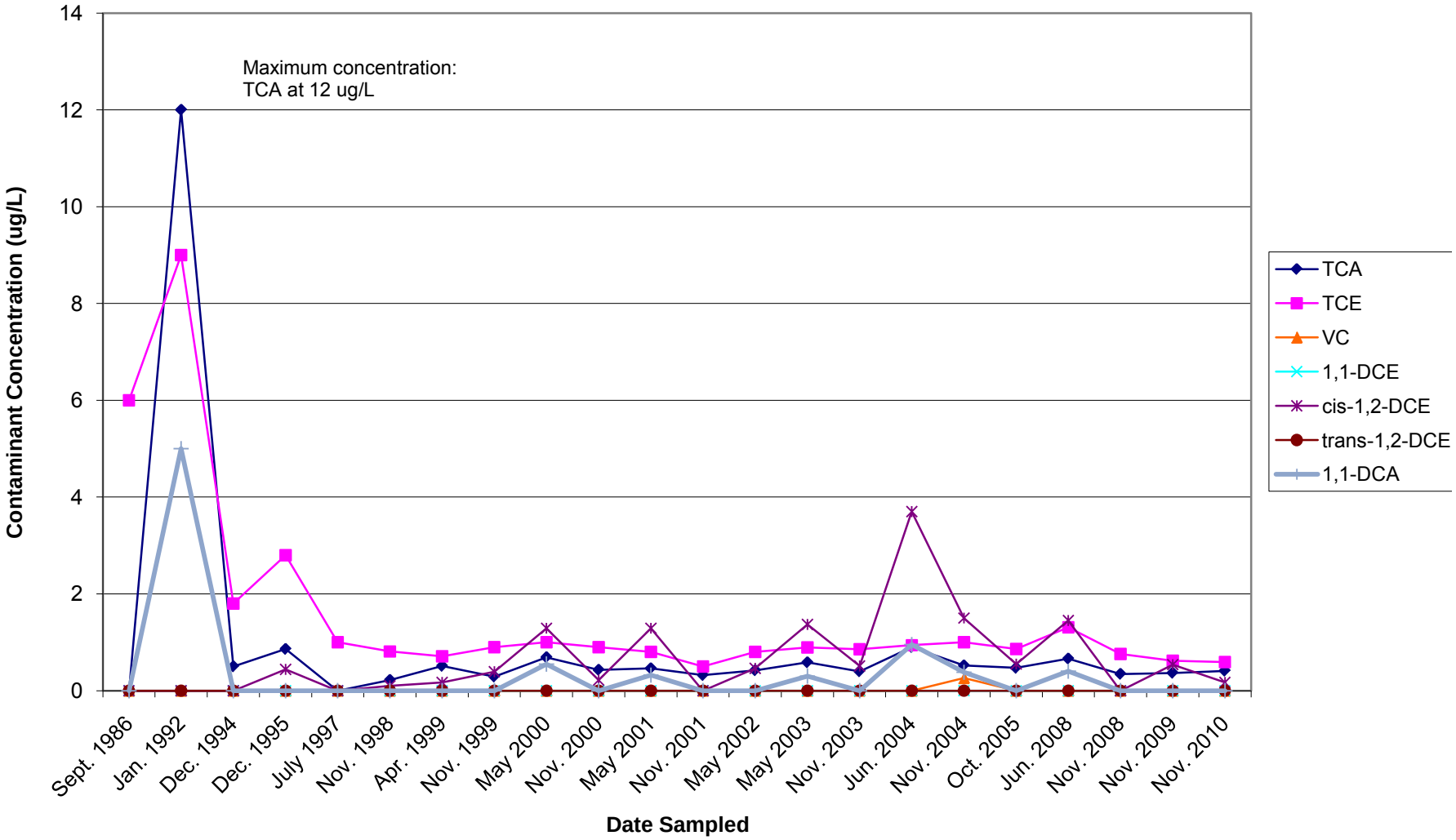
SW1 Trend Analysis of VOCs in Groundwater



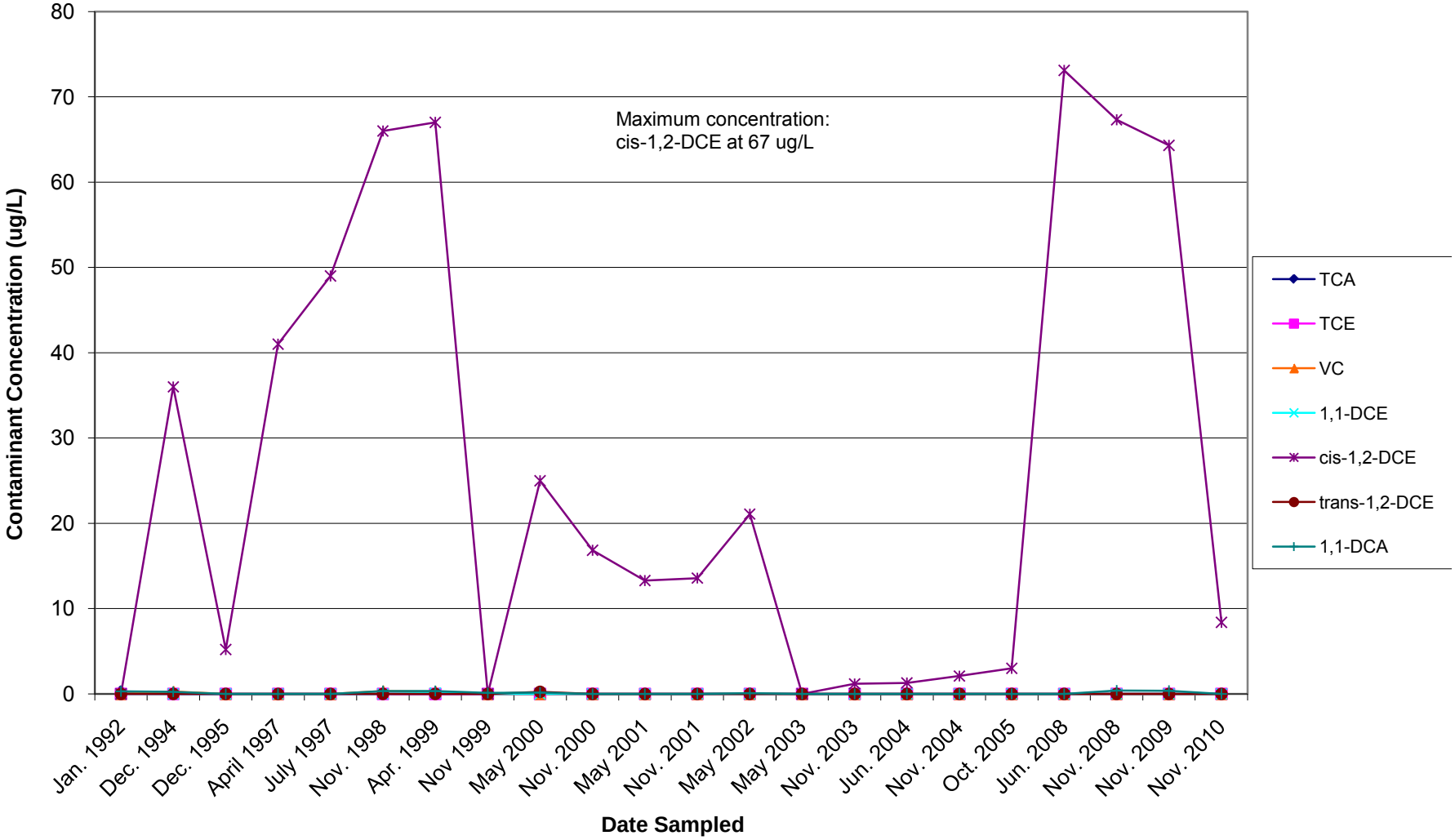
DW1 Trend Analysis of VOCs in Groundwater



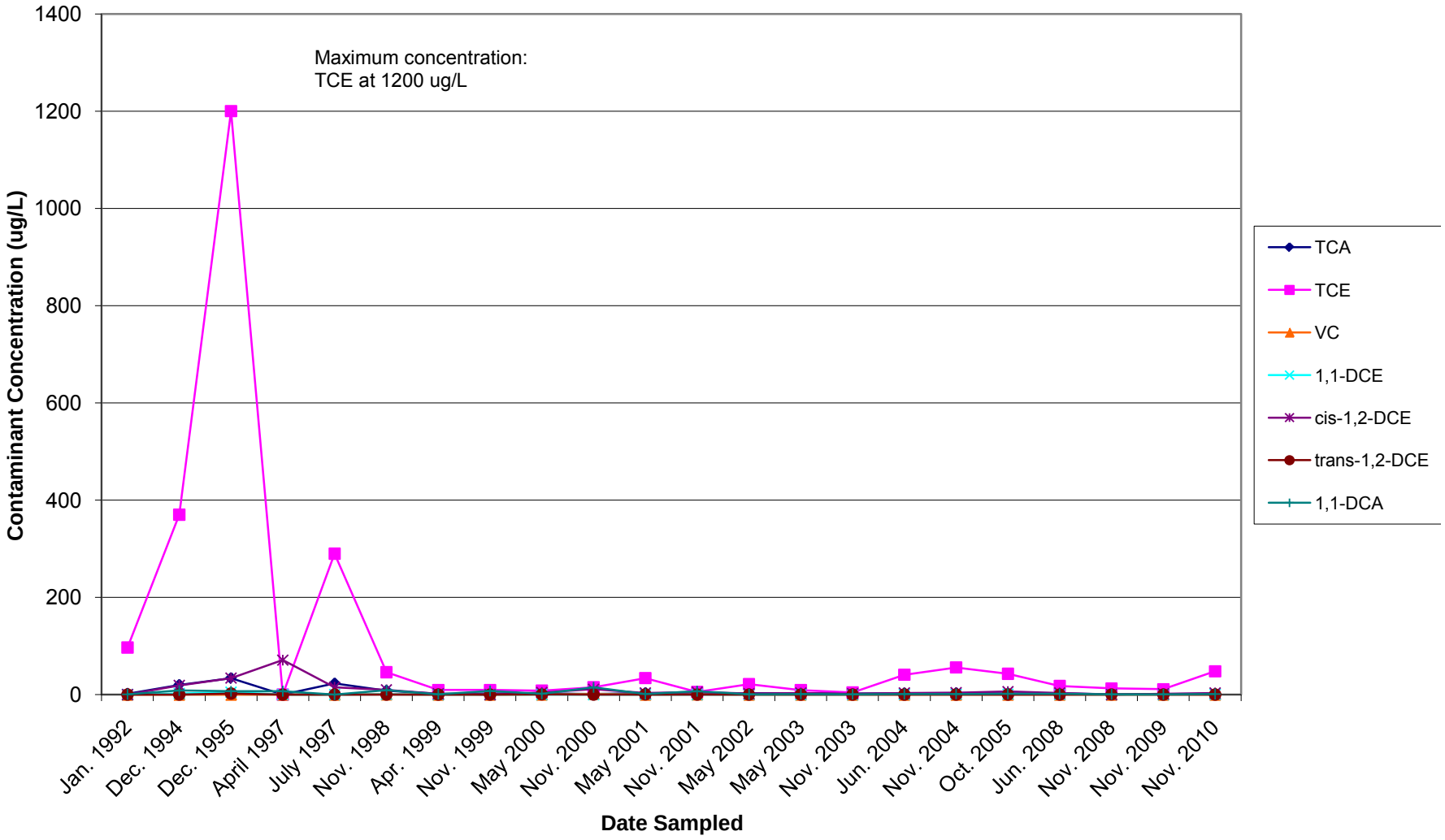
SW3 Trend Analysis of VOCs in Groundwater



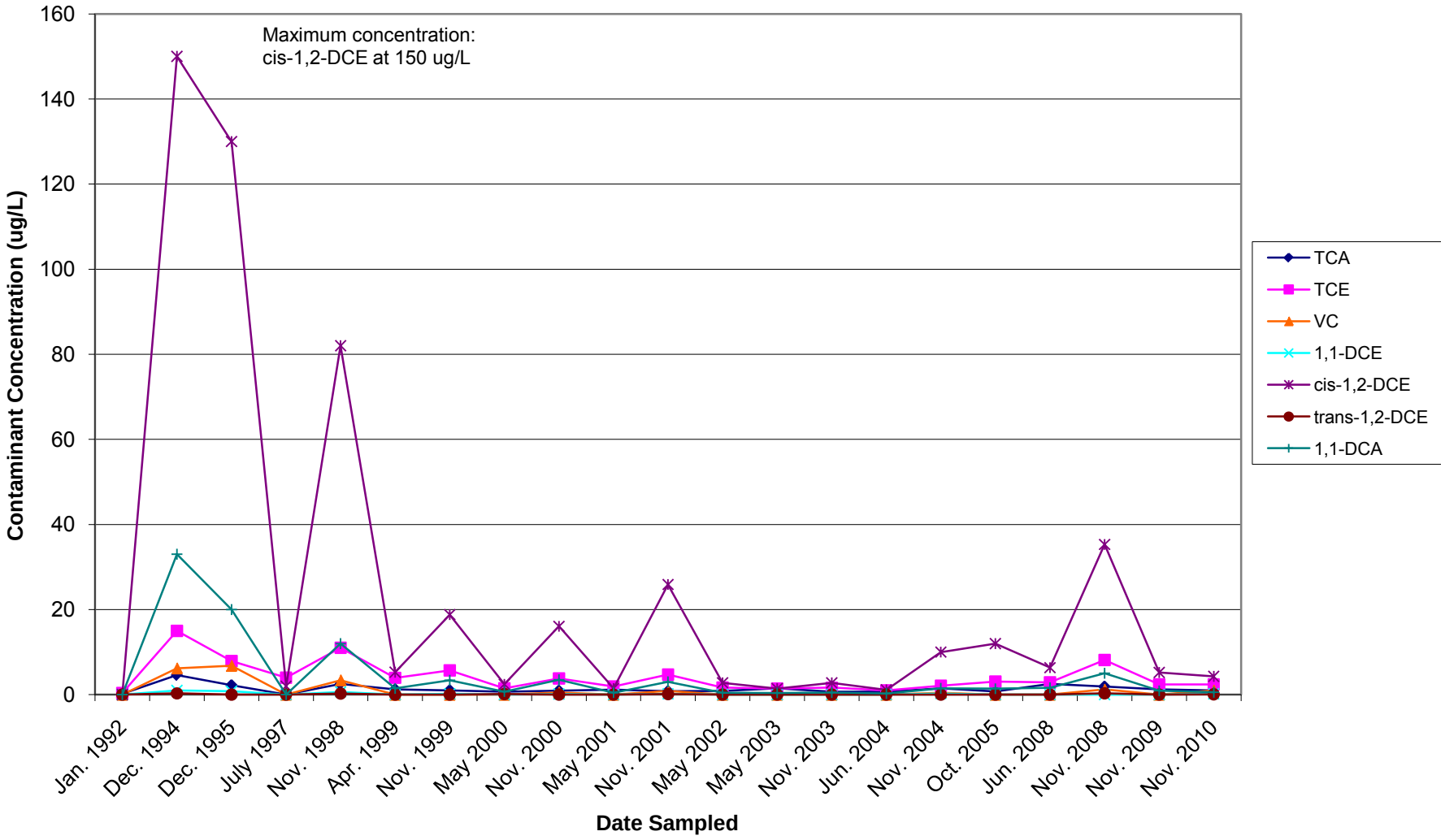
DW3 Trend Analysis of VOCs in Groundwater



SW4 Trend Analysis of VOCs in Groundwater



SW7 Trend Analysis of VOCs in Groundwater



Appendix G

Indoor Air and Sub-Slab Isoconcentration Contours

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1, 1, 1 TCA Sub-Slab Concentrations

- 0 - 100 µg/m³
- 100 - 1,000 µg/m³
- 1,000 - 3,326 µg/m³

- Identify source(s) and reduce exposures
- Mitigate
- Monitor
- ND (Sub-slab)
- No further action

N

0 40 80 160 Feet

AECOM

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

Appendix G

Sub-Slab 1,1,1-TCA Contours August 2010

CONTRACT NO	TASK NO
60134438	04
DESIGNED BY M.Kline	DRAWN BY M.Kline
CHECKED BY D. Parse	DATE 2011
SCALE 1" = 80'	SHEET 1 of 1

Figure_x-x_Sub_Slab_1_1_1_TCA_Contours_August_2010.mxd

Carbon Tetrachloride
Sub-Slab Concentrations

- 0 - 5 µg/m³
- 5 - 50 µg/m³
- 50 - 250 µg/m³
- 250 - 282 µg/m³

- Identify source(s) and reduce exposures
- Mitigate
- Monitor
- Monitor/Mitigate
- ND (Sub-Slab)
- No further action

N

0 40 80 160
Feet

AECOM

AIR FORCE PLANT 59 VAPOR INTRUSION INVESTIGATION

Appendix G

Sub-Slab Carbon Tetrachloride Contours August 2010

CONTRACT NO	TASK NO
60134438	04
DESIGNED BY M.Kline	DRAWN BY M.Kline
CHECKED BY D. Parse	DATE 2011
SCALE 1" = 80'	SHEET 1 of 1

Figure_x-x_Sub_Slab_Carbon_Tetrachloride_Contours_August_2010.mxd

Appendix H

Data Quality Review Summary

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APPENDIX H DATA QUALITY REVIEW SUMMARY

A total of 125 vapor samples, 12 field duplicate vapor samples, and two trip blanks collected on 27 and 28 August 2010 at Air Force Plant 59, Johnson City, New York, were analyzed at Centek Laboratories, LLC, of Syracuse, New York (Centek). Data review and validation were performed on the entire definitive-level data set for EPA Method TO-15.

None of the EPA Method TO-15 definitive-level data were qualified as rejected and approximately 8.0 percent were qualified as estimated for exceeding quality assurance objectives (QAOs) specified for precision, accuracy, representativeness, comparability, and completeness (PARCC) in the *Final Quality Assurance Project Plan, Vapor Intrusion Investigation, Groundwater Monitoring Activities, and Well Abandonment at Air Force Plant 59, Johnson City, New York* (the QAPP) (AECOM, 2009). Of the 8.0 percent of the data qualified for exceeded PARCC criteria, 3.8 percent of the data were qualified due to exceeded laboratory accuracy and precision criteria, and 4.2 percent of the qualifications were due to matrix-related issues, mostly due to internal standard areas not within specified criteria due to matrix interference and to results for acetone and isopropyl alcohol reported from above the calibration range in spite of diluted reanalyses performed to bring other analytes within calibration range. The remaining data met the PARCC criteria.

The definitive-level laboratory analyses were performed by Centek according to the methods and requirements specified in the QAPP. All of the definitive-level analytical data for this project were provided by Centek in USEPA Level 4 (Air Force Center for Environmental Excellence [AFCEE] Level II) format. This included the USEPA Level 3 (AFCEE Level I) data consisting of the case narratives, completed chain-of-custody (COC) documentation, laboratory analysis results reporting forms, and QC summary forms, as well as the raw data generated from each analytical method performed. Raw data consists of sample preparation sheets, instrument run logs, calibration data, chromatograms, mass spectra for sample analyses, calculation sheets, and instrument generated quantitation reports and printouts. All of the definitive-level analytical data were validated at EPA Level 3.

The definitive-level analytical data were validated according to the quality assurance (QA) requirements and control limits specified in the QAPP utilizing guidelines and procedures outlined in the *EPA Contract Laboratory Program National Functional Guidelines For Organic Data Review* (EPA-540/R-99/008, October 1999. The reviewer's professional judgment was used to evaluate data quality when called for in the Functional Guidelines and in instances with no clear policy or conflicting guidance on how the data should be qualified. The data validation process was performed by the AECOM senior chemist in San Jose, California. The following documentation and QC parameters were evaluated.

- Case Narrative
- Data Summary Sheets
- Sample Custody
- Holding Times
- Initial and Continuing Calibrations
- Method and Trip Blanks

- Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Recoveries and Relative Percent Differences (RPDs)
- Matrix Spike/Matrix Spike Duplicates (MS/MSDs) Recoveries and RPDs
- Surrogate Recoveries for System Monitoring Compounds
- Internal Standards
- Target Compound Identification and Quantitation
- Method Detection Limits (MDLs) and RLs
- Instrument Run Logs
- Sample Preparation Sheets
- Field Duplicates

Qualifiers were assigned by the reviewer to all definitive-level data that failed to meet specified analytical and QC criteria. No data were qualified with the "R" qualifier as rejected and considered unusable. Data qualified with the "J" qualifier are considered estimated and may be quantitatively uncertain. All non-detected results are qualified with the "U" qualifier. The "U" qualifier is included before the "J" qualifier where applicable. "J+" indicates the possibility that the result may be biased high, and that the actual chemical concentration may be lower than the reported result. "J-" indicates the possibility that the result may be biased low, and that the actual chemical concentration may be higher than the reported result or detection limit reported for a nondetected result. All of the results met validation criteria for PARCC parameters with the following exceptions.

All analyses were performed within the 30-day technical holding.

All method blank results were non-detected. None of the TO-15 data were blank-qualified due to laboratory blank detections.

Approximately 0.33 percent of the TO-15 data were qualified as estimated (J/UJ) due to exceeded calibration criteria. Estimations for calibrations were for continuing calibration verification (CCV) %Ds greater than 30 %D for 2-hexanone in 7 samples and 4-methyl-2-pentanone in 21 samples, and for trichloroethene in one sample. The %Ds for all of the qualified results were biased high and associated detected results were qualified. Note that non-detected results associated with high CCV recoveries were not qualified. The effect of these qualifications is not expected to significantly affect the quality of the data.

Approximately 1.6 percent of the TO-15 data were qualified as estimated (J/UJ) and no data were qualified as rejected due to LCS/LCSD recoveries, and 0.46 percent of the data were additionally qualified as estimated due to LCS/LCSD RPDs. The LCS, LCSD, and RPD results were not significantly outside of control limits, and the effect on data quality is not significant.

The results for approximately 0.10 percent of the TO-15 data were qualified as estimated (J) and no data were qualified as rejected due to surrogate recoveries. Note that only 4-bromofluorobenzene was used as a surrogate, and toluene-d8 and 1,2-dichloroethane-d4 were not run as specified in Table 7.2.1.2-2 of the QAPP. The detected results for 2 VOCs reported from the 80X diluted analysis of sample SL041-SS-05N (SL041-SS-05N), the 40X analysis of

sample SL041-SS-05D (1008072-003A), and the 40X analysis of sample SL023-SS-05N (1008072-011A); and the detected results for 5 VOCs from the 16X diluted analysis of sample SL002-SS-05D (1008073-015A) were qualified (J) as estimated due to low surrogate recoveries. Matrix interference is indicated in these samples.

The MS/MSD analyses were performed at an approximate frequency of 1:20 environmental samples for EPA Method TO-15 this project. Laboratory duplicate sample analyses were not performed as specified in Table 7.2.1.2-2 of the QAPP. Approximately 0.53 percent of the TO-15 data were qualified as estimated (J/UJ) and no data were qualified as rejected due to MS/MSD recoveries, and 0.09 percent of the data were additionally qualified as estimated due to MS/MSD RPDs. Only the parent samples were qualified as it was not possible to assign the same matrix interference to other samples. Matrix interference is indicated for the qualified sample results.

Approximately 1.9 percent of the TO-15 data were qualified as estimated (J/UJ) and none of the data were qualified as rejected due to internal standard areas greater than 40% of the internal standard area for the associated CCV. The results are considered estimated and may be quantitatively uncertain. High bias in the internal standard results in low bias in the calculated result, and vise-versa; therefore, changes in internal standard areas relative to the initial calibration standards are intended in the method to be self-correcting, and potential bias cannot be determined. As the laboratory QC associated with these samples was generally acceptable, matrix interference is indicated in these samples. The internal standard areas outside of specified criteria are likely due to multiple interfering peaks.

For this sampling effort, field duplicate samples were collected at a 9.6-percent frequency for EPA Method TO-15. Approximately 12.8 percent of the field duplicate results exceeded 25 RPD or $\pm$1X RL for results less than 5X the RL, and 2.2 percent of the TO-15 data were qualified as estimated (J/UJ) due to exceeded field duplicate criteria. Of the 12.8 percent of the field duplicate results that exceeded 25 RPD or $\pm$1X RL, 5.5 percent were only marginally out (between 25 RPD and 50 RPD or between $\pm$1X RL and $\pm$2X RL). Only the parent and field duplicate samples were qualified as it was not possible to assign the same matrix or sampling effects to other samples. For this sampling event, 87.2-percent compliance with the precision criteria in the QAPP for Method TO-15 was achieved for all reported results for the field duplicate samples.

Analytical results that are at or above the MDL, but below the RL, were reported by the analytical laboratory. Such results are considered estimated due to quantitative uncertainty near the limit of detection, and are qualified as “F” by the laboratory and “J” in validation. Approximately 4.4 percent of the EPA Method TO-15 data were qualified as estimated for this reason. These qualifications do not indicate analytical problems, do not affect the PARCC objectives, and are not included in calculation of data qualification percentages for PARCC parameters.

All analytical results and RLs are adjusted for dilutions required for high concentration compounds to be quantitated within the calibration range of the instrument. In general, results for EPA Method TO-15 were reported from undiluted analyses except for results exceeding the calibration range that were reanalyzed at greater dilution so that the results for these VOCs were quantitated within the calibration range. For these VOCs, the results from reanalysis at an appropriate dilution have been reported by the laboratory. In some cases, results for acetone

and isopropyl alcohol were reported from above the calibration range in the highest dilution analysis in spite of multiple diluted reanalyses performed to bring other analytes within calibration range. Such results are considered estimated due to quantitative uncertainty, and are qualified as "E" by the laboratory and "J" in validation. Approximately 1.9 percent of the TO-15 data were qualified as estimated (J) for results that were quantitated and reported from above the demonstrated calibration range that were not reported from higher dilution.

The data review and validation performed on the entire definitive-level data set for EPA Method TO-15 indicates matrix interference for many of the samples collected for this project. Results qualified as estimated are considered quantitatively uncertain and may be used for decision-making purposes within the constraints of data qualification. Qualified results near project action levels should be further evaluated to determine potential bias and the effect of such bias on project objectives.

D.1 DATA QUALITY ASSURANCE

A total of 125 vapor samples, 12 field duplicate vapor samples, and two trip blanks collected on 27 and 28 August 2010 at Air Force Plant 59, Johnson City, New York, were analyzed at Centek Laboratories, LLC, of Syracuse, New York (Centek). Data review and validation were performed on the entire definitive-level data set for EPA Method TO-15.

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The definitive-level laboratory analyses were performed by Centek according to the methods and requirements specified in the QAPP. All of the definitive-level analytical data for this project were provided by Centek in USEPA Level 4 (Air Force Center for Environmental Excellence [AFCEE] Level II) format. This included the USEPA Level 3 (AFCEE Level I) data consisting of the case narratives, completed chain-of-custody (COC) documentation, laboratory analysis results reporting forms, and QC summary forms, as well as the raw data generated from each analytical method performed. Raw data consists of sample preparation sheets, instrument run logs, calibration data, chromatograms, mass spectra for sample analyses, calculation sheets, and instrument generated quantitation reports and printouts. All of the definitive-level analytical data were validated at EPA Level 3.

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- Field Duplicates

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All analyses were performed within the 30-day technical holding.

All method blank results were non-detected. None of the TO-15 data were blank-qualified due to laboratory blank detections.

Approximately 0.33 percent of the TO-15 data were qualified as estimated (J/UJ) due to exceeded calibration criteria. Estimations for calibrations were for continuing calibration verification (CCV) %Ds greater than 30 %D for 2-hexanone in 7 samples and 4-methyl-2-pentanone in 21 samples, and for trichloroethene in one sample. The %Ds for all of the qualified results were biased high and associated detected results were qualified. Note that non-detected results associated with high CCV recoveries were not qualified. The effect of these qualifications is not expected to significantly affect the quality of the data.

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qualified as estimated due to LCS/LCSD RPDs. The LCS, LCSD, and RPD results were not significantly outside of control limits, and the effect on data quality is not significant.

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Approximately 1.9 percent of the TO-15 data were qualified as estimated (J/UJ) and none of the data were qualified as rejected due to internal standard areas greater than 40% of the internal standard area for the associated CCV. The results are considered estimated and may be quantitatively uncertain. High bias in the internal standard results in low bias in the calculated result, and vise-versa; therefore, changes in internal standard areas relative to the initial calibration standards are intended in the method to be self-correcting, and potential bias cannot be determined. As the laboratory QC associated with these samples was generally acceptable, matrix interference is indicated in these samples. The internal standard areas outside of specified criteria are likely due to multiple interfering peaks.

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Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 1 OF 1

Centek laboratories, LLC

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-10
Address: 143 Midler Park Drive	Point of Contact / Phone No.: Devon Chicoine (703) 706-0544		Comments:
City: Syracuse / State: NY / Zip Code: 13206	Site Contact / Phone No.: Drew Foley (734) 748-2883		

ERPIMS Information		Other Sample Information						
LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	
SL079	SL079-IA-05N	8/28/10	1545/1355	AIR	429	718	1	
↓	SL079-SS-05N	↓	1544/1355	↓	336	437	1	

Detection Limit
___ 5ppbv
___ 1ug/M3
_X_ 1ug/M3+TCE .25

Report Level
___ Level 1
___ Level II
_X_ Cat"B" Like

1SG 8/29/10

C1008078

	Date	Time		Date	Time
1. Relinquished By / Company: AECOM	8/29/10	1600	1. Received By/Company		
2. Relinquished By / Company	Date	Time	2. Received By/Company	8/30/10	
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL079-IA-05N
Lab Order:	C1008078	**Tag Number:**	429,718
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008078-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,2,4-Trimethylbenzene	0.60	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,3,5-Trimethylbenzene	0.20	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 4:16:00 AM
2,2,4-trimethylpentane	0.13	0.15	J	ppbV	1	9/6/2010 4:16:00 AM
4-ethyltoluene	0.14	0.15	J	ppbV	1	9/6/2010 4:16:00 AM
Acetone	12	0.30	E	ppbV	1	9/6/2010 4:16:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Benzene	0.22	0.15		ppbV	1	9/6/2010 4:16:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/6/2010 4:16:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL079-IA-05N
Lab Order:	C1008078	**Tag Number:**	429,718
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008078-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.42	0.25		ppbV	1	9/6/2010 4:16:00 AM
Ethylbenzene	0.18	0.15		ppbV	1	9/6/2010 4:16:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Heptane	0.24	0.15		ppbV	1	9/6/2010 4:16:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Isopropyl alcohol	28	0.15	E	ppbV	1	9/6/2010 4:16:00 AM
m&p-Xylene	0.51	0.30		ppbV	1	9/6/2010 4:16:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 4:16:00 AM
Methyl Ethyl Ketone	0.89	0.30		ppbV	1	9/6/2010 4:16:00 AM
Methyl Isobutyl Ketone	0.20	0.30	J	ppbV	1	9/6/2010 4:16:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
o-Xylene	0.20	0.15		ppbV	1	9/6/2010 4:16:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Toluene	0.98	0.15		ppbV	1	9/6/2010 4:16:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Trichloroethene	0.22	0.040		ppbV	1	9/6/2010 4:16:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 4:16:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 4:16:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/6/2010 4:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL079-IA-05N
Lab Order:	C1008078	**Tag Number:**	429,718
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008078-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 4:16:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 4:16:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 4:16:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 4:16:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 4:16:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 4:16:00 AM
1,2,4-Trimethylbenzene	3.0	0.75		ug/m3	1	9/6/2010 4:16:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 4:16:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 4:16:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 4:16:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 4:16:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	9/6/2010 4:16:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 4:16:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 4:16:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 4:16:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 4:16:00 AM
2,2,4-trimethylpentane	0.62	0.71	J	ug/m3	1	9/6/2010 4:16:00 AM
4-ethyltoluene	0.70	0.75	J	ug/m3	1	9/6/2010 4:16:00 AM
Acetone	30	0.72	E	ug/m3	1	9/6/2010 4:16:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 4:16:00 AM
Benzene	0.71	0.49		ug/m3	1	9/6/2010 4:16:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 4:16:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 4:16:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 4:16:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 4:16:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 4:16:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/6/2010 4:16:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 4:16:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 4:16:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 4:16:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 4:16:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 4:16:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 4:16:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 4:16:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 4:16:00 AM
Ethyl acetate	1.5	0.92		ug/m3	1	9/6/2010 4:16:00 AM
Ethylbenzene	0.79	0.66		ug/m3	1	9/6/2010 4:16:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2010 4:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL079-IA-05N
Lab Order:	C1008078	**Tag Number:**	429,718
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008078-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2010 4:16:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 4:16:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 4:16:00 AM
Heptane	1.0	0.62		ug/m3	1	9/6/2010 4:16:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 4:16:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 4:16:00 AM
Isopropyl alcohol	69	0.37	E	ug/m3	1	9/6/2010 4:16:00 AM
m&p-Xylene	2.3	1.3		ug/m3	1	9/6/2010 4:16:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 4:16:00 AM
Methyl Ethyl Ketone	2.7	0.90		ug/m3	1	9/6/2010 4:16:00 AM
Methyl Isobutyl Ketone	0.83	1.2	J	ug/m3	1	9/6/2010 4:16:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 4:16:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 4:16:00 AM
o-Xylene	0.88	0.66		ug/m3	1	9/6/2010 4:16:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 4:16:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 4:16:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 4:16:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 4:16:00 AM
Toluene	3.8	0.57		ug/m3	1	9/6/2010 4:16:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 4:16:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 4:16:00 AM
Trichloroethene	1.2	0.22		ug/m3	1	9/6/2010 4:16:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 4:16:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 4:16:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 4:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL079-SS-05N
Lab Order:	C1008078	**Tag Number:**	336,437
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008078-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	15	1.5		ppbV	10	9/8/2010 8:31:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,2,4-Trimethylbenzene	0.72	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,3,5-Trimethylbenzene	0.21	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/7/2010 3:56:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
4-ethyltoluene	0.21	0.15		ppbV	1	9/7/2010 3:56:00 AM
Acetone	11	3.0		ppbV	10	9/8/2010 8:31:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Benzene	0.19	0.15		ppbV	1	9/7/2010 3:56:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Carbon disulfide	0.28	0.15		ppbV	1	9/7/2010 3:56:00 AM
Carbon tetrachloride	0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Chloroform	0.27	0.15		ppbV	1	9/7/2010 3:56:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
cis-1,2-Dichloroethene	0.10	0.15	J	ppbV	1	9/7/2010 3:56:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL079-SS-05N
Lab Order:	C1008078	**Tag Number:**	336,437
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008078-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.27	0.25		ppbV	1	9/7/2010 3:56:00 AM
Ethylbenzene	0.19	0.15		ppbV	1	9/7/2010 3:56:00 AM
Freon 11	1.0	0.15		ppbV	1	9/7/2010 3:56:00 AM
Freon 113	47	1.5	E	ppbV	10	9/8/2010 8:31:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Freon 12	0.73	0.15		ppbV	1	9/7/2010 3:56:00 AM
Heptane	0.24	0.15		ppbV	1	9/7/2010 3:56:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Isopropyl alcohol	12	1.5		ppbV	10	9/8/2010 8:31:00 PM
m&p-Xylene	0.57	0.30		ppbV	1	9/7/2010 3:56:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/7/2010 3:56:00 AM
Methyl Ethyl Ketone	0.54	0.30		ppbV	1	9/7/2010 3:56:00 AM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	9/7/2010 3:56:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Methylene chloride	0.20	0.15		ppbV	1	9/7/2010 3:56:00 AM
o-Xylene	0.23	0.15		ppbV	1	9/7/2010 3:56:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Styrene	0.13	0.15	J	ppbV	1	9/7/2010 3:56:00 AM
Tetrachloroethylene	0.56	0.15		ppbV	1	9/7/2010 3:56:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Toluene	0.90	0.15		ppbV	1	9/7/2010 3:56:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Trichloroethene	77	14		ppbV	90	9/9/2010 7:56:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 3:56:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/7/2010 3:56:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL079-SS-05N
Lab Order:	C1008078	**Tag Number:**	336,437
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008078-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	82	8.3		ug/m3	10	9/8/2010 8:31:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/7/2010 3:56:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/7/2010 3:56:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 3:56:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 3:56:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/7/2010 3:56:00 AM
1,2,4-Trimethylbenzene	3.6	0.75		ug/m3	1	9/7/2010 3:56:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/7/2010 3:56:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 3:56:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 3:56:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/7/2010 3:56:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	9/7/2010 3:56:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/7/2010 3:56:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 3:56:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 3:56:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/7/2010 3:56:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/7/2010 3:56:00 AM
4-ethyltoluene	1.0	0.75		ug/m3	1	9/7/2010 3:56:00 AM
Acetone	27	7.2		ug/m3	10	9/8/2010 8:31:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/7/2010 3:56:00 AM
Benzene	0.62	0.49		ug/m3	1	9/7/2010 3:56:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/7/2010 3:56:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/7/2010 3:56:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/7/2010 3:56:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/7/2010 3:56:00 AM
Carbon disulfide	0.89	0.47		ug/m3	1	9/7/2010 3:56:00 AM
Carbon tetrachloride	0.96	0.96		ug/m3	1	9/7/2010 3:56:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/7/2010 3:56:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/7/2010 3:56:00 AM
Chloroform	1.3	0.74		ug/m3	1	9/7/2010 3:56:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/7/2010 3:56:00 AM
cis-1,2-Dichloroethene	0.40	0.60	J	ug/m3	1	9/7/2010 3:56:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 3:56:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/7/2010 3:56:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/7/2010 3:56:00 AM
Ethyl acetate	0.99	0.92		ug/m3	1	9/7/2010 3:56:00 AM
Ethylbenzene	0.84	0.66		ug/m3	1	9/7/2010 3:56:00 AM
Freon 11	5.7	0.86		ug/m3	1	9/7/2010 3:56:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL079-SS-05N
Lab Order:	C1008078	**Tag Number:**	336,437
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008078-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	370	12	E	ug/m3	10	9/8/2010 8:31:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/7/2010 3:56:00 AM
Freon 12	3.7	0.75		ug/m3	1	9/7/2010 3:56:00 AM
Heptane	1.0	0.62		ug/m3	1	9/7/2010 3:56:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/7/2010 3:56:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/7/2010 3:56:00 AM
Isopropyl alcohol	31	3.7		ug/m3	10	9/8/2010 8:31:00 PM
m&p-Xylene	2.5	1.3		ug/m3	1	9/7/2010 3:56:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/7/2010 3:56:00 AM
Methyl Ethyl Ketone	1.6	0.90		ug/m3	1	9/7/2010 3:56:00 AM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	9/7/2010 3:56:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/7/2010 3:56:00 AM
Methylene chloride	0.71	0.53		ug/m3	1	9/7/2010 3:56:00 AM
o-Xylene	1.0	0.66		ug/m3	1	9/7/2010 3:56:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/7/2010 3:56:00 AM
Styrene	0.56	0.65	J	ug/m3	1	9/7/2010 3:56:00 AM
Tetrachloroethylene	3.9	1.0		ug/m3	1	9/7/2010 3:56:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/7/2010 3:56:00 AM
Toluene	3.4	0.57		ug/m3	1	9/7/2010 3:56:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 3:56:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 3:56:00 AM
Trichloroethene	420	76		ug/m3	90	9/9/2010 7:56:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/7/2010 3:56:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/7/2010 3:56:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/7/2010 3:56:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 1 OF 1

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-9
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		

ERPIMS Information | Other Sample Information

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL112	SL112-IA-05N	8/28/10	1303/1115	AIR	481	277	✓		___ 5ppbv
SL112	SL112-SS-05N	8/28/10	1307/1115	AIR	289	449	✓		___ 1ug/M3
SL027	SL027-IA-05N	8/28/10	1315/1122	AIR	542	402	✓		X 1ug/M3+TCE .25
SL027	SL027-SS-05N	8/28/10	1317/1122	AIR	130	258	✓		
SL00A	SL00A-OA-05N-2	8/28/10	1518/1330	Air	291	444	✓		Report Level
SL00B	SL00B-OA-05N-2	8/28/10	1521/1332	Air	245	271	✓		___ Level 1
SL00C	SL00C-OA-05N-2	8/28/10	1511/1327	Air	410	184	✓		___ Level II
SL094	SL094-[redacted] SS05N	8/28/10	1513/1352	AIR	325	47	1		X Cat"B" Like

1. Relinquished By / Company	Aecom	Date 8/29/10	Time 1600	1. Received By/Company	Centek	Date 8/31/10	Time 4:49
2. Relinquished By / Company		Date	Time	2. Received By/Company		Date	Time
3. Relinquished By / Company		Date	Time	3. Received By/Company		Date	Time
4. Relinquished By / Company		Date	Time	4. Received By/Company		Date	Time
5. Relinquished By / Company		Date	Time	5. Received By/Company		Date	Time

Comments

C1008077

Centek laboratories, LLC

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL112-IA-05N
Lab Order:	C1008077	**Tag Number:**	481,277
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,2,4-Trimethylbenzene	0.59	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,3,5-Trimethylbenzene	0.25	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 1:17:00 AM
2,2,4-trimethylpentane	0.12	0.15	J	ppbV	1	9/6/2010 1:17:00 AM
4-ethyltoluene	0.16	0.15		ppbV	1	9/6/2010 1:17:00 AM
Acetone	15	0.30	E	ppbV	1	9/6/2010 1:17:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Benzene	0.27	0.15		ppbV	1	9/6/2010 1:17:00 AM
Benzyl chloride	0.17	0.15		ppbV	1	9/6/2010 1:17:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/6/2010 1:17:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL112-IA-05N
Lab Order:	C1008077	**Tag Number:**	481,277
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.81	0.25		ppbV	1	9/6/2010 1:17:00 AM
Ethylbenzene	0.18	0.15		ppbV	1	9/6/2010 1:17:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Isopropyl alcohol	30	0.15	E	ppbV	1	9/6/2010 1:17:00 AM
m&p-Xylene	0.51	0.30		ppbV	1	9/6/2010 1:17:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 1:17:00 AM
Methyl Ethyl Ketone	1.2	0.30		ppbV	1	9/6/2010 1:17:00 AM
Methyl Isobutyl Ketone	0.28	0.30	J	ppbV	1	9/6/2010 1:17:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
o-Xylene	0.20	0.15		ppbV	1	9/6/2010 1:17:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Toluene	1.4	0.15		ppbV	1	9/6/2010 1:17:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Trichloroethene	0.24	0.040		ppbV	1	9/6/2010 1:17:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 1:17:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 1:17:00 AM
Surr: Bromofluorobenzene	103	70-130		%REC	1	9/6/2010 1:17:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL112-IA-05N
Lab Order:	C1008077	**Tag Number:**	481,277
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 1:17:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 1:17:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 1:17:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 1:17:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 1:17:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 1:17:00 AM
1,2,4-Trimethylbenzene	2.9	0.75		ug/m3	1	9/6/2010 1:17:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 1:17:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 1:17:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 1:17:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 1:17:00 AM
1,3,5-Trimethylbenzene	1.2	0.75		ug/m3	1	9/6/2010 1:17:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 1:17:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 1:17:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 1:17:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 1:17:00 AM
2,2,4-trimethylpentane	0.57	0.71	J	ug/m3	1	9/6/2010 1:17:00 AM
4-ethyltoluene	0.80	0.75		ug/m3	1	9/6/2010 1:17:00 AM
Acetone	37	0.72	E	ug/m3	1	9/6/2010 1:17:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 1:17:00 AM
Benzene	0.88	0.49		ug/m3	1	9/6/2010 1:17:00 AM
Benzyl chloride	0.99	0.88		ug/m3	1	9/6/2010 1:17:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 1:17:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 1:17:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 1:17:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 1:17:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/6/2010 1:17:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 1:17:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 1:17:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 1:17:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 1:17:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 1:17:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 1:17:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 1:17:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 1:17:00 AM
Ethyl acetate	3.0	0.92		ug/m3	1	9/6/2010 1:17:00 AM
Ethylbenzene	0.79	0.66		ug/m3	1	9/6/2010 1:17:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2010 1:17:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL112-IA-05N
Lab Order:	C1008077	**Tag Number:**	481,277
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2010 1:17:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 1:17:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 1:17:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 1:17:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 1:17:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 1:17:00 AM
Isopropyl alcohol	74	0.37	E	ug/m3	1	9/6/2010 1:17:00 AM
m&p-Xylene	2.3	1.3		ug/m3	1	9/6/2010 1:17:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 1:17:00 AM
Methyl Ethyl Ketone	3.6	0.90		ug/m3	1	9/6/2010 1:17:00 AM
Methyl Isobutyl Ketone	1.2	1.2	J	ug/m3	1	9/6/2010 1:17:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 1:17:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 1:17:00 AM
o-Xylene	0.88	0.66		ug/m3	1	9/6/2010 1:17:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 1:17:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 1:17:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 1:17:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 1:17:00 AM
Toluene	5.4	0.57		ug/m3	1	9/6/2010 1:17:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 1:17:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 1:17:00 AM
Trichloroethene	1.3	0.22		ug/m3	1	9/6/2010 1:17:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 1:17:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 1:17:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 1:17:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL112-SS-05N
Lab Order:	C1008077	**Tag Number:**	289,449
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	99	6.0		ppbV	40	9/8/2010 11:38:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,2,4-Trimethylbenzene	0.66	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
1,4-Dichlorobenzene	0.13	0.15	J	ppbV	1	9/7/2010 2:04:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/7/2010 2:04:00 AM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	9/7/2010 2:04:00 AM
4-ethyltoluene	0.33	0.15		ppbV	1	9/7/2010 2:04:00 AM
Acetone	18	12		ppbV	40	9/8/2010 11:38:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Benzene	0.27	0.15		ppbV	1	9/7/2010 2:04:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Carbon disulfide	0.19	0.15		ppbV	1	9/7/2010 2:04:00 AM
Carbon tetrachloride	0.40	0.15		ppbV	1	9/7/2010 2:04:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Chloroform	0.80	0.15		ppbV	1	9/7/2010 2:04:00 AM
Chloromethane	0.22	0.15		ppbV	1	9/7/2010 2:04:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL112-SS-05N
Lab Order:	C1008077	**Tag Number:**	289,449
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.68	0.25		ppbV	1	9/7/2010 2:04:00 AM
Ethylbenzene	0.24	0.15		ppbV	1	9/7/2010 2:04:00 AM
Freon 11	6.0	6.0		ppbV	40	9/8/2010 11:38:00 AM
Freon 113	150	81		ppbV	540	9/8/2010 6:56:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Freon 12	1.0	0.15		ppbV	1	9/7/2010 2:04:00 AM
Heptane	0.23	0.15		ppbV	1	9/7/2010 2:04:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Hexane	0.43	0.15		ppbV	1	9/7/2010 2:04:00 AM
Isopropyl alcohol	48	6.0		ppbV	40	9/8/2010 11:38:00 AM
m&p-Xylene	0.60	0.30		ppbV	1	9/7/2010 2:04:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/7/2010 2:04:00 AM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	9/7/2010 2:04:00 AM
Methyl Isobutyl Ketone	0.40	0.30		ppbV	1	9/7/2010 2:04:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Methylene chloride	0.21	0.15		ppbV	1	9/7/2010 2:04:00 AM
o-Xylene	0.27	0.15		ppbV	1	9/7/2010 2:04:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Styrene	0.14	0.15	J	ppbV	1	9/7/2010 2:04:00 AM
Tetrachloroethylene	0.46	0.15		ppbV	1	9/7/2010 2:04:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Toluene	1.9	0.15		ppbV	1	9/7/2010 2:04:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Trichloroethene	180	81		ppbV	540	9/8/2010 6:56:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 2:04:00 AM
Surr: Bromofluorobenzene	103	70-130		%REC	1	9/7/2010 2:04:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL112-SS-05N
Lab Order:	C1008077	**Tag Number:**	289,449
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	550	33		ug/m3	40	9/8/2010 11:38:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/7/2010 2:04:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/7/2010 2:04:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 2:04:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 2:04:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/7/2010 2:04:00 AM
1,2,4-Trimethylbenzene	3.3	0.75		ug/m3	1	9/7/2010 2:04:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/7/2010 2:04:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 2:04:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 2:04:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/7/2010 2:04:00 AM
1,3,5-Trimethylbenzene	0.90	0.75		ug/m3	1	9/7/2010 2:04:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/7/2010 2:04:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 2:04:00 AM
1,4-Dichlorobenzene	0.79	0.92	J	ug/m3	1	9/7/2010 2:04:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/7/2010 2:04:00 AM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	9/7/2010 2:04:00 AM
4-ethyltoluene	1.6	0.75		ug/m3	1	9/7/2010 2:04:00 AM
Acetone	42	29		ug/m3	40	9/8/2010 11:38:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/7/2010 2:04:00 AM
Benzene	0.88	0.49		ug/m3	1	9/7/2010 2:04:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/7/2010 2:04:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/7/2010 2:04:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/7/2010 2:04:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/7/2010 2:04:00 AM
Carbon disulfide	0.60	0.47		ug/m3	1	9/7/2010 2:04:00 AM
Carbon tetrachloride	2.6	0.96		ug/m3	1	9/7/2010 2:04:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/7/2010 2:04:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/7/2010 2:04:00 AM
Chloroform	4.0	0.74		ug/m3	1	9/7/2010 2:04:00 AM
Chloromethane	0.46	0.31		ug/m3	1	9/7/2010 2:04:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 2:04:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 2:04:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/7/2010 2:04:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/7/2010 2:04:00 AM
Ethyl acetate	2.5	0.92		ug/m3	1	9/7/2010 2:04:00 AM
Ethylbenzene	1.1	0.66		ug/m3	1	9/7/2010 2:04:00 AM
Freon 11	34	34		ug/m3	40	9/8/2010 11:38:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL112-SS-05N
Lab Order:	C1008077	**Tag Number:**	289,449
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	1100	630		ug/m3	540	9/8/2010 6:56:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/7/2010 2:04:00 AM
Freon 12	5.0	0.75		ug/m3	1	9/7/2010 2:04:00 AM
Heptane	0.96	0.62		ug/m3	1	9/7/2010 2:04:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/7/2010 2:04:00 AM
Hexane	1.5	0.54		ug/m3	1	9/7/2010 2:04:00 AM
Isopropyl alcohol	120	15		ug/m3	40	9/8/2010 11:38:00 AM
m&p-Xylene	2.6	1.3		ug/m3	1	9/7/2010 2:04:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/7/2010 2:04:00 AM
Methyl Ethyl Ketone	3.3	0.90		ug/m3	1	9/7/2010 2:04:00 AM
Methyl Isobutyl Ketone	1.7	1.2		ug/m3	1	9/7/2010 2:04:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/7/2010 2:04:00 AM
Methylene chloride	0.74	0.53		ug/m3	1	9/7/2010 2:04:00 AM
o-Xylene	1.2	0.66		ug/m3	1	9/7/2010 2:04:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/7/2010 2:04:00 AM
Styrene	0.61	0.65	J	ug/m3	1	9/7/2010 2:04:00 AM
Tetrachloroethylene	3.2	1.0		ug/m3	1	9/7/2010 2:04:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/7/2010 2:04:00 AM
Toluene	7.2	0.57		ug/m3	1	9/7/2010 2:04:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 2:04:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 2:04:00 AM
Trichloroethene	970	440		ug/m3	540	9/8/2010 6:56:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/7/2010 2:04:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/7/2010 2:04:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/7/2010 2:04:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL027-IA-05N
Lab Order:	C1008077	**Tag Number:**	542,402
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,2,4-Trimethylbenzene	0.54	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,3,5-Trimethylbenzene	0.17	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 1:52:00 AM
2,2,4-trimethylpentane	0.12	0.15	J	ppbV	1	9/6/2010 1:52:00 AM
4-ethyltoluene	0.10	0.15	J	ppbV	1	9/6/2010 1:52:00 AM
Acetone	13	0.30	E	ppbV	1	9/6/2010 1:52:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Benzene	0.21	0.15		ppbV	1	9/6/2010 1:52:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/6/2010 1:52:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL027-IA-05N
Lab Order:	C1008077	**Tag Number:**	542,402
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.89	0.25		ppbV	1	9/6/2010 1:52:00 AM
Ethylbenzene	0.16	0.15		ppbV	1	9/6/2010 1:52:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Hexane	0.32	0.15		ppbV	1	9/6/2010 1:52:00 AM
Isopropyl alcohol	42	0.15	E	ppbV	1	9/6/2010 1:52:00 AM
m&p-Xylene	0.44	0.30		ppbV	1	9/6/2010 1:52:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 1:52:00 AM
Methyl Ethyl Ketone	1.7	0.30		ppbV	1	9/6/2010 1:52:00 AM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	9/6/2010 1:52:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
o-Xylene	0.17	0.15		ppbV	1	9/6/2010 1:52:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Toluene	1.4	0.15		ppbV	1	9/6/2010 1:52:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Trichloroethene	0.20	0.040		ppbV	1	9/6/2010 1:52:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 1:52:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 1:52:00 AM
Surr: Bromofluorobenzene	103	70-130		%REC	1	9/6/2010 1:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL027-IA-05N
Lab Order:	C1008077	**Tag Number:**	542,402
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 1:52:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 1:52:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 1:52:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 1:52:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 1:52:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 1:52:00 AM
1,2,4-Trimethylbenzene	2.7	0.75		ug/m3	1	9/6/2010 1:52:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 1:52:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 1:52:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 1:52:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 1:52:00 AM
1,3,5-Trimethylbenzene	0.85	0.75		ug/m3	1	9/6/2010 1:52:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 1:52:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 1:52:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 1:52:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 1:52:00 AM
2,2,4-trimethylpentane	0.57	0.71	J	ug/m3	1	9/6/2010 1:52:00 AM
4-ethyltoluene	0.50	0.75	J	ug/m3	1	9/6/2010 1:52:00 AM
Acetone	31	0.72	E	ug/m3	1	9/6/2010 1:52:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 1:52:00 AM
Benzene	0.68	0.49		ug/m3	1	9/6/2010 1:52:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 1:52:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 1:52:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 1:52:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 1:52:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 1:52:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/6/2010 1:52:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 1:52:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 1:52:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 1:52:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 1:52:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 1:52:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 1:52:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 1:52:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 1:52:00 AM
Ethyl acetate	3.3	0.92		ug/m3	1	9/6/2010 1:52:00 AM
Ethylbenzene	0.71	0.66		ug/m3	1	9/6/2010 1:52:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2010 1:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL027-IA-05N
Lab Order:	C1008077	**Tag Number:**	542,402
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2010 1:52:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 1:52:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 1:52:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 1:52:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 1:52:00 AM
Hexane	1.1	0.54		ug/m3	1	9/6/2010 1:52:00 AM
Isopropyl alcohol	100	0.37	E	ug/m3	1	9/6/2010 1:52:00 AM
m&p-Xylene	1.9	1.3		ug/m3	1	9/6/2010 1:52:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 1:52:00 AM
Methyl Ethyl Ketone	5.2	0.90		ug/m3	1	9/6/2010 1:52:00 AM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	9/6/2010 1:52:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 1:52:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 1:52:00 AM
o-Xylene	0.75	0.66		ug/m3	1	9/6/2010 1:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 1:52:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 1:52:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 1:52:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 1:52:00 AM
Toluene	5.2	0.57		ug/m3	1	9/6/2010 1:52:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 1:52:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 1:52:00 AM
Trichloroethene	1.1	0.22		ug/m3	1	9/6/2010 1:52:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 1:52:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 1:52:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 1:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL027-SS-05N
Lab Order:	C1008077	**Tag Number:**	130,258
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	25	3.0		ppbV	20	9/8/2010 8:00:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,1-Dichloroethane	0.91	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,2,4-Trimethylbenzene	0.70	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,3,5-Trimethylbenzene	0.20	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
1,4-Dichlorobenzene	0.11	0.15	J	ppbV	1	9/7/2010 2:41:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/7/2010 2:41:00 AM
2,2,4-trimethylpentane	0.12	0.15	J	ppbV	1	9/7/2010 2:41:00 AM
4-ethyltoluene	0.22	0.15		ppbV	1	9/7/2010 2:41:00 AM
Acetone	14	1.5		ppbV	5	9/8/2010 7:28:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Benzene	3.6	0.75		ppbV	5	9/8/2010 7:28:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Carbon disulfide	0.30	0.15		ppbV	1	9/7/2010 2:41:00 AM
Carbon tetrachloride	0.36	0.15		ppbV	1	9/7/2010 2:41:00 AM
Chlorobenzene	0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Chloroethane	0.37	0.15		ppbV	1	9/7/2010 2:41:00 AM
Chloroform	0.44	0.15		ppbV	1	9/7/2010 2:41:00 AM
Chloromethane	1.2	0.15		ppbV	1	9/7/2010 2:41:00 AM
cis-1,2-Dichloroethene	1.2	0.15		ppbV	1	9/7/2010 2:41:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Cyclohexane	0.85	0.15		ppbV	1	9/7/2010 2:41:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL027-SS-05N
Lab Order:	C1008077	**Tag Number:**	130,258
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.97	0.25		ppbV	1	9/7/2010 2:41:00 AM
Ethylbenzene	1.2	0.15		ppbV	1	9/7/2010 2:41:00 AM
Freon 11	0.92	0.15		ppbV	1	9/7/2010 2:41:00 AM
Freon 113	12	0.75		ppbV	5	9/8/2010 7:28:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Freon 12	0.82	0.15		ppbV	1	9/7/2010 2:41:00 AM
Heptane	0.63	0.15		ppbV	1	9/7/2010 2:41:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Hexane	1.0	0.15		ppbV	1	9/7/2010 2:41:00 AM
Isopropyl alcohol	24	3.0		ppbV	20	9/8/2010 8:00:00 PM
m&p-Xylene	2.1	0.30		ppbV	1	9/7/2010 2:41:00 AM
Methyl Butyl Ketone	0.15	0.30	J	ppbV	1	9/7/2010 2:41:00 AM
Methyl Ethyl Ketone	1.3	0.30		ppbV	1	9/7/2010 2:41:00 AM
Methyl Isobutyl Ketone	0.34	0.30		ppbV	1	9/7/2010 2:41:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Methylene chloride	0.22	0.15		ppbV	1	9/7/2010 2:41:00 AM
o-Xylene	0.42	0.15		ppbV	1	9/7/2010 2:41:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Tetrachloroethylene	6.1	0.75		ppbV	5	9/8/2010 7:28:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Toluene	11	0.75		ppbV	5	9/8/2010 7:28:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Trichloroethene	33	3.0		ppbV	20	9/8/2010 8:00:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 2:41:00 AM
Surr: Bromofluorobenzene	95.0	70-130		%REC	1	9/7/2010 2:41:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL027-SS-05N
Lab Order:	C1008077	**Tag Number:**	130,258
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	140	17		ug/m3	20	9/8/2010 8:00:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/7/2010 2:41:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/7/2010 2:41:00 AM
1,1-Dichloroethane	3.7	0.62		ug/m3	1	9/7/2010 2:41:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 2:41:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/7/2010 2:41:00 AM
1,2,4-Trimethylbenzene	3.5	0.75		ug/m3	1	9/7/2010 2:41:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/7/2010 2:41:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 2:41:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 2:41:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/7/2010 2:41:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	9/7/2010 2:41:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/7/2010 2:41:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 2:41:00 AM
1,4-Dichlorobenzene	0.67	0.92	J	ug/m3	1	9/7/2010 2:41:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/7/2010 2:41:00 AM
2,2,4-trimethylpentane	0.57	0.71	J	ug/m3	1	9/7/2010 2:41:00 AM
4-ethyltoluene	1.1	0.75		ug/m3	1	9/7/2010 2:41:00 AM
Acetone	33	3.6		ug/m3	5	9/8/2010 7:28:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/7/2010 2:41:00 AM
Benzene	12	2.4		ug/m3	5	9/8/2010 7:28:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/7/2010 2:41:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/7/2010 2:41:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/7/2010 2:41:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/7/2010 2:41:00 AM
Carbon disulfide	0.95	0.47		ug/m3	1	9/7/2010 2:41:00 AM
Carbon tetrachloride	2.3	0.96		ug/m3	1	9/7/2010 2:41:00 AM
Chlorobenzene	0.70	0.70		ug/m3	1	9/7/2010 2:41:00 AM
Chloroethane	0.99	0.40		ug/m3	1	9/7/2010 2:41:00 AM
Chloroform	2.2	0.74		ug/m3	1	9/7/2010 2:41:00 AM
Chloromethane	2.5	0.31		ug/m3	1	9/7/2010 2:41:00 AM
cis-1,2-Dichloroethene	4.6	0.60		ug/m3	1	9/7/2010 2:41:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 2:41:00 AM
Cyclohexane	3.0	0.52		ug/m3	1	9/7/2010 2:41:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/7/2010 2:41:00 AM
Ethyl acetate	3.6	0.92		ug/m3	1	9/7/2010 2:41:00 AM
Ethylbenzene	5.3	0.66		ug/m3	1	9/7/2010 2:41:00 AM
Freon 11	5.3	0.86		ug/m3	1	9/7/2010 2:41:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL027-SS-05N
Lab Order:	C1008077	**Tag Number:**	130,258
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	93	5.8		ug/m3	5	9/8/2010 7:28:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/7/2010 2:41:00 AM
Freon 12	4.1	0.75		ug/m3	1	9/7/2010 2:41:00 AM
Heptane	2.6	0.62		ug/m3	1	9/7/2010 2:41:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/7/2010 2:41:00 AM
Hexane	3.7	0.54		ug/m3	1	9/7/2010 2:41:00 AM
Isopropyl alcohol	59	7.5		ug/m3	20	9/8/2010 8:00:00 PM
m&p-Xylene	9.4	1.3		ug/m3	1	9/7/2010 2:41:00 AM
Methyl Butyl Ketone	0.62	1.2	J	ug/m3	1	9/7/2010 2:41:00 AM
Methyl Ethyl Ketone	4.0	0.90		ug/m3	1	9/7/2010 2:41:00 AM
Methyl Isobutyl Ketone	1.4	1.2		ug/m3	1	9/7/2010 2:41:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/7/2010 2:41:00 AM
Methylene chloride	0.78	0.53		ug/m3	1	9/7/2010 2:41:00 AM
o-Xylene	1.9	0.66		ug/m3	1	9/7/2010 2:41:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/7/2010 2:41:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/7/2010 2:41:00 AM
Tetrachloroethylene	42	5.2		ug/m3	5	9/8/2010 7:28:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/7/2010 2:41:00 AM
Toluene	41	2.9		ug/m3	5	9/8/2010 7:28:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 2:41:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 2:41:00 AM
Trichloroethene	180	16		ug/m3	20	9/8/2010 8:00:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/7/2010 2:41:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/7/2010 2:41:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/7/2010 2:41:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00A-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	291,144
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-2			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,2,4-Trimethylbenzene	0.43	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,3,5-Trimethylbenzene	0.12	0.15	J	ppbV	1	9/6/2010 2:28:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,3-Dichlorobenzene	0.37	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 2:28:00 AM
2,2,4-trimethylpentane	0.12	0.15	J	ppbV	1	9/6/2010 2:28:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Acetone	31	0.30	E	ppbV	1	9/6/2010 2:28:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Benzene	0.25	0.15		ppbV	1	9/6/2010 2:28:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/6/2010 2:28:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00A-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	291,144
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.54	0.25		ppbV	1	9/6/2010 2:28:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Isopropyl alcohol	2.2	0.15		ppbV	1	9/6/2010 2:28:00 AM
m&p-Xylene	0.27	0.30	J	ppbV	1	9/6/2010 2:28:00 AM
Methyl Butyl Ketone	0.19	0.30	J	ppbV	1	9/6/2010 2:28:00 AM
Methyl Ethyl Ketone	0.88	0.30		ppbV	1	9/6/2010 2:28:00 AM
Methyl Isobutyl Ketone	0.16	0.30	J	ppbV	1	9/6/2010 2:28:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
o-Xylene	0.11	0.15	J	ppbV	1	9/6/2010 2:28:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Toluene	0.66	0.15		ppbV	1	9/6/2010 2:28:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Trichloroethene	0.19	0.040		ppbV	1	9/6/2010 2:28:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 2:28:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 2:28:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/6/2010 2:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00A-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	291,144
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 2:28:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 2:28:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 2:28:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 2:28:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 2:28:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 2:28:00 AM
1,2,4-Trimethylbenzene	2.1	0.75		ug/m3	1	9/6/2010 2:28:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 2:28:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 2:28:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 2:28:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 2:28:00 AM
1,3,5-Trimethylbenzene	0.60	0.75	J	ug/m3	1	9/6/2010 2:28:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 2:28:00 AM
1,3-Dichlorobenzene	2.3	0.92		ug/m3	1	9/6/2010 2:28:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 2:28:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 2:28:00 AM
2,2,4-trimethylpentane	0.57	0.71	J	ug/m3	1	9/6/2010 2:28:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/6/2010 2:28:00 AM
Acetone	75	0.72	E	ug/m3	1	9/6/2010 2:28:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 2:28:00 AM
Benzene	0.81	0.49		ug/m3	1	9/6/2010 2:28:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 2:28:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 2:28:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 2:28:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 2:28:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 2:28:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/6/2010 2:28:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 2:28:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 2:28:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 2:28:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 2:28:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 2:28:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 2:28:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 2:28:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 2:28:00 AM
Ethyl acetate	2.0	0.92		ug/m3	1	9/6/2010 2:28:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/6/2010 2:28:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2010 2:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00A-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	291,144
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2010 2:28:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 2:28:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 2:28:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 2:28:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 2:28:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 2:28:00 AM
Isopropyl alcohol	5.5	0.37		ug/m3	1	9/6/2010 2:28:00 AM
m&p-Xylene	1.2	1.3	J	ug/m3	1	9/6/2010 2:28:00 AM
Methyl Butyl Ketone	0.79	1.2	J	ug/m3	1	9/6/2010 2:28:00 AM
Methyl Ethyl Ketone	2.6	0.90		ug/m3	1	9/6/2010 2:28:00 AM
Methyl Isobutyl Ketone	0.67	1.2	J	ug/m3	1	9/6/2010 2:28:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 2:28:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 2:28:00 AM
o-Xylene	0.49	0.66	J	ug/m3	1	9/6/2010 2:28:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 2:28:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 2:28:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 2:28:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 2:28:00 AM
Toluene	2.5	0.57		ug/m3	1	9/6/2010 2:28:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 2:28:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 2:28:00 AM
Trichloroethene	1.0	0.22		ug/m3	1	9/6/2010 2:28:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 2:28:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 2:28:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 2:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00B-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	245,271
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,2,4-Trimethylbenzene	0.51	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,3,5-Trimethylbenzene	0.20	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,3-Dichlorobenzene	0.63	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 3:04:00 AM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	9/6/2010 3:04:00 AM
4-ethyltoluene	0.10	0.15	J	ppbV	1	9/6/2010 3:04:00 AM
Acetone	53	0.30	E	ppbV	1	9/6/2010 3:04:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Benzene	0.28	0.15		ppbV	1	9/6/2010 3:04:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/6/2010 3:04:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00B-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	245,271
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.64	0.25		ppbV	1	9/6/2010 3:04:00 AM
Ethylbenzene	0.11	0.15	J	ppbV	1	9/6/2010 3:04:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Heptane	0.30	0.15		ppbV	1	9/6/2010 3:04:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Isopropyl alcohol	4.0	0.15	E	ppbV	1	9/6/2010 3:04:00 AM
m&p-Xylene	0.35	0.30		ppbV	1	9/6/2010 3:04:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 3:04:00 AM
Methyl Ethyl Ketone	1.4	0.30		ppbV	1	9/6/2010 3:04:00 AM
Methyl Isobutyl Ketone	0.31	0.30		ppbV	1	9/6/2010 3:04:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
o-Xylene	0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Toluene	0.85	0.15		ppbV	1	9/6/2010 3:04:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Trichloroethene	0.26	0.040		ppbV	1	9/6/2010 3:04:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 3:04:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 3:04:00 AM
Surr: Bromofluorobenzene	100	70-130		%REC	1	9/6/2010 3:04:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00B-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	245,271
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 3:04:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 3:04:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 3:04:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 3:04:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 3:04:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 3:04:00 AM
1,2,4-Trimethylbenzene	2.5	0.75		ug/m3	1	9/6/2010 3:04:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 3:04:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 3:04:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 3:04:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 3:04:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	9/6/2010 3:04:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 3:04:00 AM
1,3-Dichlorobenzene	3.9	0.92		ug/m3	1	9/6/2010 3:04:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 3:04:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 3:04:00 AM
2,2,4-trimethylpentane	0.66	0.71	J	ug/m3	1	9/6/2010 3:04:00 AM
4-ethyltoluene	0.50	0.75	J	ug/m3	1	9/6/2010 3:04:00 AM
Acetone	130	0.72	E	ug/m3	1	9/6/2010 3:04:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 3:04:00 AM
Benzene	0.91	0.49		ug/m3	1	9/6/2010 3:04:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 3:04:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 3:04:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 3:04:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 3:04:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 3:04:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/6/2010 3:04:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 3:04:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 3:04:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 3:04:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 3:04:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 3:04:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 3:04:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 3:04:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 3:04:00 AM
Ethyl acetate	2.3	0.92		ug/m3	1	9/6/2010 3:04:00 AM
Ethylbenzene	0.49	0.66	J	ug/m3	1	9/6/2010 3:04:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2010 3:04:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00B-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	245,271
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2010 3:04:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 3:04:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 3:04:00 AM
Heptane	1.2	0.62		ug/m3	1	9/6/2010 3:04:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 3:04:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 3:04:00 AM
Isopropyl alcohol	10	0.37	E	ug/m3	1	9/6/2010 3:04:00 AM
m&p-Xylene	1.5	1.3		ug/m3	1	9/6/2010 3:04:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 3:04:00 AM
Methyl Ethyl Ketone	4.3	0.90		ug/m3	1	9/6/2010 3:04:00 AM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	9/6/2010 3:04:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 3:04:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 3:04:00 AM
o-Xylene	0.66	0.66		ug/m3	1	9/6/2010 3:04:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 3:04:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 3:04:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 3:04:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 3:04:00 AM
Toluene	3.3	0.57		ug/m3	1	9/6/2010 3:04:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 3:04:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 3:04:00 AM
Trichloroethene	1.4	0.22		ug/m3	1	9/6/2010 3:04:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 3:04:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 3:04:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 3:04:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00C-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	410,184
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,2,4-Trimethylbenzene	0.54	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,3,5-Trimethylbenzene	0.16	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,3-Dichlorobenzene	0.64	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 3:40:00 AM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	9/6/2010 3:40:00 AM
4-ethyltoluene	0.11	0.15	J	ppbV	1	9/6/2010 3:40:00 AM
Acetone	45	0.30	E	ppbV	1	9/6/2010 3:40:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Benzene	0.31	0.15		ppbV	1	9/6/2010 3:40:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/6/2010 3:40:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00C-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	410,184
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.70	0.25		ppbV	1	9/6/2010 3:40:00 AM
Ethylbenzene	0.18	0.15		ppbV	1	9/6/2010 3:40:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Isopropyl alcohol	4.1	0.15	E	ppbV	1	9/6/2010 3:40:00 AM
m&p-Xylene	0.62	0.30		ppbV	1	9/6/2010 3:40:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 3:40:00 AM
Methyl Ethyl Ketone	1.5	0.30		ppbV	1	9/6/2010 3:40:00 AM
Methyl Isobutyl Ketone	0.31	0.30		ppbV	1	9/6/2010 3:40:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
o-Xylene	0.21	0.15		ppbV	1	9/6/2010 3:40:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Toluene	1.1	0.15		ppbV	1	9/6/2010 3:40:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Trichloroethene	0.24	0.040		ppbV	1	9/6/2010 3:40:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 3:40:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 3:40:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/6/2010 3:40:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00C-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	410,184
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				**Analyst: RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 3:40:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 3:40:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 3:40:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 3:40:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 3:40:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 3:40:00 AM
1,2,4-Trimethylbenzene	2.7	0.75		ug/m3	1	9/6/2010 3:40:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 3:40:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 3:40:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 3:40:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 3:40:00 AM
1,3,5-Trimethylbenzene	0.80	0.75		ug/m3	1	9/6/2010 3:40:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 3:40:00 AM
1,3-Dichlorobenzene	3.9	0.92		ug/m3	1	9/6/2010 3:40:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 3:40:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 3:40:00 AM
2,2,4-trimethylpentane	0.66	0.71	J	ug/m3	1	9/6/2010 3:40:00 AM
4-ethyltoluene	0.55	0.75	J	ug/m3	1	9/6/2010 3:40:00 AM
Acetone	110	0.72	E	ug/m3	1	9/6/2010 3:40:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 3:40:00 AM
Benzene	1.0	0.49		ug/m3	1	9/6/2010 3:40:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 3:40:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 3:40:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 3:40:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 3:40:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 3:40:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/6/2010 3:40:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 3:40:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 3:40:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 3:40:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 3:40:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 3:40:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 3:40:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 3:40:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 3:40:00 AM
Ethyl acetate	2.6	0.92		ug/m3	1	9/6/2010 3:40:00 AM
Ethylbenzene	0.79	0.66		ug/m3	1	9/6/2010 3:40:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2010 3:40:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00C-0A-05N-2
Lab Order:	C1008077	**Tag Number:**	410,184
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2010 3:40:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 3:40:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 3:40:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 3:40:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 3:40:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 3:40:00 AM
Isopropyl alcohol	10	0.37	E	ug/m3	1	9/6/2010 3:40:00 AM
m&p-Xylene	2.7	1.3		ug/m3	1	9/6/2010 3:40:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 3:40:00 AM
Methyl Ethyl Ketone	4.4	0.90		ug/m3	1	9/6/2010 3:40:00 AM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	9/6/2010 3:40:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 3:40:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 3:40:00 AM
o-Xylene	0.93	0.66		ug/m3	1	9/6/2010 3:40:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 3:40:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 3:40:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 3:40:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 3:40:00 AM
Toluene	4.3	0.57		ug/m3	1	9/6/2010 3:40:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 3:40:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 3:40:00 AM
Trichloroethene	1.3	0.22		ug/m3	1	9/6/2010 3:40:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 3:40:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 3:40:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 3:40:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL094-SS005N
Lab Order:	C1008077	**Tag Number:**	325,47
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-23			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	3.3	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,1,2,2-Tetrachloroethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,1,2-Trichloroethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,1-Dichloroethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,1-Dichloroethene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,2,4-Trichlorobenzene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,2,4-Trimethylbenzene	1.8	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,2-Dibromoethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,2-Dichlorobenzene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,2-Dichloroethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,2-Dichloropropane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,3,5-Trimethylbenzene	0.48	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,3-butadiene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,3-Dichlorobenzene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,4-Dichlorobenzene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
1,4-Dioxane	< 0.45	0.45		ppbV	1.5	9/7/2010 3:20:00 AM
2,2,4-trimethylpentane	0.33	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
4-ethyltoluene	0.28	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Acetone	29	0.45	E	ppbV	1.5	9/7/2010 3:20:00 AM
Allyl chloride	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Benzene	0.51	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Benzyl chloride	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Bromodichloromethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Bromoform	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Bromomethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Carbon disulfide	0.68	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Carbon tetrachloride	0.15	0.23	J	ppbV	1.5	9/7/2010 3:20:00 AM
Chlorobenzene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Chloroethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Chloroform	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Chloromethane	0.36	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
cis-1,2-Dichloroethene	0.34	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
cis-1,3-Dichloropropene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Cyclohexane	0.87	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Dibromochloromethane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL094-SS005N
Lab Order:	C1008077	**Tag Number:**	325,47
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	3.9	0.38	E	ppbV	1.5	9/7/2010 3:20:00 AM
Ethylbenzene	0.24	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Freon 11	0.39	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Freon 113	0.98	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Freon 114	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Freon 12	0.50	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Heptane	0.62	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Hexachloro-1,3-butadiene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Hexane	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Isopropyl alcohol	60	0.23	E	ppbV	1.5	9/7/2010 3:20:00 AM
m&p-Xylene	0.70	0.45		ppbV	1.5	9/7/2010 3:20:00 AM
Methyl Butyl Ketone	< 0.45	0.45		ppbV	1.5	9/7/2010 3:20:00 AM
Methyl Ethyl Ketone	1.4	0.45		ppbV	1.5	9/7/2010 3:20:00 AM
Methyl Isobutyl Ketone	0.48	0.45		ppbV	1.5	9/7/2010 3:20:00 AM
Methyl tert-butyl ether	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Methylene chloride	1.1	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
o-Xylene	0.40	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Propylene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Styrene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Tetrachloroethylene	0.24	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Tetrahydrofuran	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Toluene	2.3	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
trans-1,2-Dichloroethene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
trans-1,3-Dichloropropene	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Trichloroethene	1.9	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Vinyl acetate	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Vinyl Bromide	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Vinyl chloride	< 0.23	0.23		ppbV	1.5	9/7/2010 3:20:00 AM
Surr: Bromofluorobenzene	88.0	70-130		%REC	1.5	9/7/2010 3:20:00 AM

NOTES:

* The reporting limits were raised due to limited amount of sample.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL094-SS005N
Lab Order:	C1008077	**Tag Number:**	325,47
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	18	1.3		ug/m3	1.5	9/7/2010 3:20:00 AM
1,1,2,2-Tetrachloroethane	< 1.6	1.6		ug/m3	1.5	9/7/2010 3:20:00 AM
1,1,2-Trichloroethane	< 1.3	1.3		ug/m3	1.5	9/7/2010 3:20:00 AM
1,1-Dichloroethane	< 0.95	0.95		ug/m3	1.5	9/7/2010 3:20:00 AM
1,1-Dichloroethene	< 0.93	0.93		ug/m3	1.5	9/7/2010 3:20:00 AM
1,2,4-Trichlorobenzene	< 1.7	1.7		ug/m3	1.5	9/7/2010 3:20:00 AM
1,2,4-Trimethylbenzene	8.8	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
1,2-Dibromoethane	< 1.8	1.8		ug/m3	1.5	9/7/2010 3:20:00 AM
1,2-Dichlorobenzene	< 1.4	1.4		ug/m3	1.5	9/7/2010 3:20:00 AM
1,2-Dichloroethane	< 0.95	0.95		ug/m3	1.5	9/7/2010 3:20:00 AM
1,2-Dichloropropane	< 1.1	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
1,3,5-Trimethylbenzene	2.4	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
1,3-butadiene	< 0.52	0.52		ug/m3	1.5	9/7/2010 3:20:00 AM
1,3-Dichlorobenzene	< 1.4	1.4		ug/m3	1.5	9/7/2010 3:20:00 AM
1,4-Dichlorobenzene	< 1.4	1.4		ug/m3	1.5	9/7/2010 3:20:00 AM
1,4-Dioxane	< 1.6	1.6		ug/m3	1.5	9/7/2010 3:20:00 AM
2,2,4-trimethylpentane	1.6	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
4-ethyltoluene	1.4	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
Acetone	70	1.1	E	ug/m3	1.5	9/7/2010 3:20:00 AM
Allyl chloride	< 0.73	0.73		ug/m3	1.5	9/7/2010 3:20:00 AM
Benzene	1.7	0.75		ug/m3	1.5	9/7/2010 3:20:00 AM
Benzyl chloride	< 1.3	1.3		ug/m3	1.5	9/7/2010 3:20:00 AM
Bromodichloromethane	< 1.6	1.6		ug/m3	1.5	9/7/2010 3:20:00 AM
Bromoform	< 2.4	2.4		ug/m3	1.5	9/7/2010 3:20:00 AM
Bromomethane	< 0.91	0.91		ug/m3	1.5	9/7/2010 3:20:00 AM
Carbon disulfide	2.1	0.73		ug/m3	1.5	9/7/2010 3:20:00 AM
Carbon tetrachloride	0.96	1.5	J	ug/m3	1.5	9/7/2010 3:20:00 AM
Chlorobenzene	< 1.1	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
Chloroethane	< 0.62	0.62		ug/m3	1.5	9/7/2010 3:20:00 AM
Chloroform	< 1.1	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
Chloromethane	0.76	0.48		ug/m3	1.5	9/7/2010 3:20:00 AM
cis-1,2-Dichloroethene	1.4	0.93		ug/m3	1.5	9/7/2010 3:20:00 AM
cis-1,3-Dichloropropene	< 1.1	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
Cyclohexane	3.0	0.80		ug/m3	1.5	9/7/2010 3:20:00 AM
Dibromochloromethane	< 2.0	2.0		ug/m3	1.5	9/7/2010 3:20:00 AM
Ethyl acetate	14	1.4	E	ug/m3	1.5	9/7/2010 3:20:00 AM
Ethylbenzene	1.1	1.0		ug/m3	1.5	9/7/2010 3:20:00 AM
Freon 11	2.2	1.3		ug/m3	1.5	9/7/2010 3:20:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL094-SS005N
Lab Order:	C1008077	**Tag Number:**	325,47
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008077-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	7.6	1.8		ug/m3	1.5	9/7/2010 3:20:00 AM
Freon 114	< 1.6	1.6		ug/m3	1.5	9/7/2010 3:20:00 AM
Freon 12	2.5	1.2		ug/m3	1.5	9/7/2010 3:20:00 AM
Heptane	2.6	0.96		ug/m3	1.5	9/7/2010 3:20:00 AM
Hexachloro-1,3-butadiene	< 2.5	2.5		ug/m3	1.5	9/7/2010 3:20:00 AM
Hexane	< 0.82	0.82		ug/m3	1.5	9/7/2010 3:20:00 AM
Isopropyl alcohol	150	0.57	E	ug/m3	1.5	9/7/2010 3:20:00 AM
m&p-Xylene	3.1	2.0		ug/m3	1.5	9/7/2010 3:20:00 AM
Methyl Butyl Ketone	< 1.9	1.9		ug/m3	1.5	9/7/2010 3:20:00 AM
Methyl Ethyl Ketone	4.1	1.3		ug/m3	1.5	9/7/2010 3:20:00 AM
Methyl Isobutyl Ketone	2.0	1.9		ug/m3	1.5	9/7/2010 3:20:00 AM
Methyl tert-butyl ether	< 0.84	0.84		ug/m3	1.5	9/7/2010 3:20:00 AM
Methylene chloride	3.7	0.81		ug/m3	1.5	9/7/2010 3:20:00 AM
o-Xylene	1.8	1.0		ug/m3	1.5	9/7/2010 3:20:00 AM
Propylene	< 0.40	0.40		ug/m3	1.5	9/7/2010 3:20:00 AM
Styrene	< 1.0	1.0		ug/m3	1.5	9/7/2010 3:20:00 AM
Tetrachloroethylene	1.7	1.6		ug/m3	1.5	9/7/2010 3:20:00 AM
Tetrahydrofuran	< 0.69	0.69		ug/m3	1.5	9/7/2010 3:20:00 AM
Toluene	9.0	0.88		ug/m3	1.5	9/7/2010 3:20:00 AM
trans-1,2-Dichloroethene	< 0.93	0.93		ug/m3	1.5	9/7/2010 3:20:00 AM
trans-1,3-Dichloropropene	< 1.1	1.1		ug/m3	1.5	9/7/2010 3:20:00 AM
Trichloroethene	10	1.3		ug/m3	1.5	9/7/2010 3:20:00 AM
Vinyl acetate	< 0.82	0.82		ug/m3	1.5	9/7/2010 3:20:00 AM
Vinyl Bromide	< 1.0	1.0		ug/m3	1.5	9/7/2010 3:20:00 AM
Vinyl chloride	< 0.60	0.60		ug/m3	1.5	9/7/2010 3:20:00 AM

NOTES:

* The reporting limits were raised due to limited amount of sample.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

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Centek Laboratories, LLC

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-8
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL052	SL052-SS005N	8/29/10	1146 / 1026	AIR	89	440	1		___ 5ppbv
SL084	SL084-IA005N		1158 / 1031		230	494	1		___ 1ug/M3
↓	SL084-IA005D		1158 / 1031		X2S494	278	1		X 1ug/M3+TCE .25
SL055	SL055-IA005N		1208 / 1038		170	310	1		
↓	SL055-SS005N		1208 / 1038		422	432	1		Report Level
SL054	SL054-IA005N		1217 / 1046		349	143	1		___ Level 1
↓	SL054-SS005N		1217 / 1046		358	252	1		___ Level II
SL076	SL076-IA005N		1228 / 1053		131	44	1		X Cat"B" Like
↓	SL076-SS005N		1227 / 1053		543	381	1		
SL077	SL077-IA005N		1230 / 1050		320	269			
↓	SL077-SS005N		1235 / 1058		550	179			
SL043	SL043-IA005N		1245 / 1101		287	302			
↓	SL043-SS005N	↓	1245 / 1101	↓	328	346			

C1008076

	Date	Time		Date	Time
1. Relinquished By / Company: Centek / AECOM	8/29/10	1600	1. Received By/Company: [illegible]	8/30/10	
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 2 OF 2

Laboratory: Centek Laboratories
Address: 143 Midler Park Drive
City: Syracuse | State: NY | Zip Code: 13206
ERPIMS Information

Project Name: AFP 59 Vapor Intrusion Study
Point of Contact / Phone No.: Devon Chicoine (703) 706-0544
Site Contact / Phone No.: Drew Foley (734) 748-2883
Other Sample Information

Analysis: VOCs (TO-15)

Chain of Custody No.: AFP59-8

Comments:

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #			
SL044	SL044-I[illegible]SN	8/28/10	1258 | 1107	AIR	407	435	1		Detection Limit
↓	SL044-S[illegible]SN	8/28/10	1256 | 1107	↓	544	372	1		___ 5ppbv
SL014	SL014-I[illegible]SN	8/28/10	1342 | 1352	↓	428	401	1		___ 1ug/M3
									X 1ug/M3+TCE .25
									Report Level
									___ Level 1
									___ Level II
									X Cat"B" Like

LSG 8/29/10

C1008076

1. Relinquished By / Company: [illegible] / AECOM	Date: 8/29/10	Time: 1600	1. Received By/Company: [illegible]	Date: 8/30/10	Time:
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Centek Laboratories, LLC

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL052-SS-05N
Lab Order:	C1008076	**Tag Number:**	89,440
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	120	7.5		ppbV	50	9/8/2010 12:45:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,1-Dichloroethane	0.11	0.15	J	ppbV	1	9/6/2010 9:52:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,2,4-Trimethylbenzene	0.24	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 9:52:00 PM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	9/6/2010 9:52:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Acetone	10	3.0		ppbV	10	9/8/2010 12:12:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Benzene	0.20	0.15		ppbV	1	9/6/2010 9:52:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Carbon disulfide	0.28	0.15		ppbV	1	9/6/2010 9:52:00 PM
Carbon tetrachloride	0.12	0.15	J	ppbV	1	9/6/2010 9:52:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Chloroform	0.19	0.15		ppbV	1	9/6/2010 9:52:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
cis-1,2-Dichloroethene	0.19	0.15		ppbV	1	9/6/2010 9:52:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Cyclohexane	1.6	0.15		ppbV	1	9/6/2010 9:52:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL052-SS-05N
Lab Order:	C1008076	**Tag Number:**	89,440
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.48	0.25		ppbV	1	9/6/2010 9:52:00 PM
Ethylbenzene	0.11	0.15	J	ppbV	1	9/6/2010 9:52:00 PM
Freon 11	1.0	0.15		ppbV	1	9/6/2010 9:52:00 PM
Freon 113	5.7	1.5		ppbV	10	9/8/2010 12:12:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Freon 12	0.95	0.15		ppbV	1	9/6/2010 9:52:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Isopropyl alcohol	14	1.5		ppbV	10	9/8/2010 12:12:00 PM
m&p-Xylene	0.28	0.30	J	ppbV	1	9/6/2010 9:52:00 PM
Methyl Butyl Ketone	0.12	0.30	J	ppbV	1	9/6/2010 9:52:00 PM
Methyl Ethyl Ketone	0.93	0.30		ppbV	1	9/6/2010 9:52:00 PM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	9/6/2010 9:52:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Methylene chloride	0.49	0.15		ppbV	1	9/6/2010 9:52:00 PM
o-Xylene	0.14	0.15	J	ppbV	1	9/6/2010 9:52:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Tetrachloroethylene	0.19	0.15		ppbV	1	9/6/2010 9:52:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Toluene	1.2	0.15		ppbV	1	9/6/2010 9:52:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Trichloroethene	60	7.5		ppbV	50	9/8/2010 12:45:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 9:52:00 PM
Surr: Bromofluorobenzene	87.0	70-130		%REC	1	9/6/2010 9:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL052-SS-05N
Lab Order:	C1008076	**Tag Number:**	89,440
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	690	42		ug/m3	50	9/8/2010 12:45:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 9:52:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 9:52:00 PM
1,1-Dichloroethane	0.45	0.62	J	ug/m3	1	9/6/2010 9:52:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 9:52:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 9:52:00 PM
1,2,4-Trimethylbenzene	1.2	0.75		ug/m3	1	9/6/2010 9:52:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 9:52:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 9:52:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 9:52:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 9:52:00 PM
1,3,5-Trimethylbenzene	< 0.75	0.75		ug/m3	1	9/6/2010 9:52:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 9:52:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 9:52:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 9:52:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 9:52:00 PM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	9/6/2010 9:52:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/6/2010 9:52:00 PM
Acetone	25	7.2		ug/m3	10	9/8/2010 12:12:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 9:52:00 PM
Benzene	0.65	0.49		ug/m3	1	9/6/2010 9:52:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 9:52:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 9:52:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 9:52:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 9:52:00 PM
Carbon disulfide	0.89	0.47		ug/m3	1	9/6/2010 9:52:00 PM
Carbon tetrachloride	0.77	0.96	J	ug/m3	1	9/6/2010 9:52:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 9:52:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 9:52:00 PM
Chloroform	0.94	0.74		ug/m3	1	9/6/2010 9:52:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 9:52:00 PM
cis-1,2-Dichloroethene	0.77	0.60		ug/m3	1	9/6/2010 9:52:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 9:52:00 PM
Cyclohexane	5.5	0.52		ug/m3	1	9/6/2010 9:52:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 9:52:00 PM
Ethyl acetate	1.8	0.92		ug/m3	1	9/6/2010 9:52:00 PM
Ethylbenzene	0.49	0.66	J	ug/m3	1	9/6/2010 9:52:00 PM
Freon 11	5.7	0.86		ug/m3	1	9/6/2010 9:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL052-SS-05N
Lab Order:	C1008076	**Tag Number:**	89,440
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	44	12		ug/m3	10	9/8/2010 12:12:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 9:52:00 PM
Freon 12	4.8	0.75		ug/m3	1	9/6/2010 9:52:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 9:52:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 9:52:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 9:52:00 PM
Isopropyl alcohol	34	3.7		ug/m3	10	9/8/2010 12:12:00 PM
m&p-Xylene	1.2	1.3	J	ug/m3	1	9/6/2010 9:52:00 PM
Methyl Butyl Ketone	0.50	1.2	J	ug/m3	1	9/6/2010 9:52:00 PM
Methyl Ethyl Ketone	2.8	0.90		ug/m3	1	9/6/2010 9:52:00 PM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	9/6/2010 9:52:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 9:52:00 PM
Methylene chloride	1.7	0.53		ug/m3	1	9/6/2010 9:52:00 PM
o-Xylene	0.62	0.66	J	ug/m3	1	9/6/2010 9:52:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 9:52:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 9:52:00 PM
Tetrachloroethylene	1.3	1.0		ug/m3	1	9/6/2010 9:52:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 9:52:00 PM
Toluene	4.6	0.57		ug/m3	1	9/6/2010 9:52:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 9:52:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 9:52:00 PM
Trichloroethene	320	41		ug/m3	50	9/8/2010 12:45:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 9:52:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 9:52:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 9:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-IA-05N
Lab Order:	C1008076	**Tag Number:**	230,494
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-6			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,2,4-Trimethylbenzene	1.6	0.75		ppbV	5	9/6/2010 8:39:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,3,5-Trimethylbenzene	0.58	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 7:10:00 PM
2,2,4-trimethylpentane	0.32	0.15		ppbV	1	9/5/2010 7:10:00 PM
4-ethyltoluene	0.31	0.15		ppbV	1	9/5/2010 7:10:00 PM
Acetone	11	1.5		ppbV	5	9/6/2010 8:39:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Benzene	0.22	0.15		ppbV	1	9/5/2010 7:10:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	9/5/2010 7:10:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Cyclohexane	0.83	0.15		ppbV	1	9/5/2010 7:10:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-IA-05N
Lab Order:	C1008076	**Tag Number:**	230,494
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.3	0.25		ppbV	1	9/5/2010 7:10:00 PM
Ethylbenzene	0.68	0.15		ppbV	1	9/5/2010 7:10:00 PM
Freon 11	0.82	0.15		ppbV	1	9/5/2010 7:10:00 PM
Freon 113	0.13	0.15	J	ppbV	1	9/5/2010 7:10:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Freon 12	0.55	0.15		ppbV	1	9/5/2010 7:10:00 PM
Heptane	0.32	0.15		ppbV	1	9/5/2010 7:10:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Hexane	0.87	0.15		ppbV	1	9/5/2010 7:10:00 PM
Isopropyl alcohol	17	0.75	E	ppbV	5	9/6/2010 8:39:00 AM
m&p-Xylene	2.1	0.30		ppbV	1	9/5/2010 7:10:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 7:10:00 PM
Methyl Ethyl Ketone	2.0	1.5		ppbV	5	9/6/2010 8:39:00 AM
Methyl Isobutyl Ketone	0.60	0.30		ppbV	1	9/5/2010 7:10:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Methylene chloride	0.25	0.15		ppbV	1	9/5/2010 7:10:00 PM
o-Xylene	0.92	0.15		ppbV	1	9/5/2010 7:10:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Styrene	0.38	0.15		ppbV	1	9/5/2010 7:10:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Toluene	3.0	0.75		ppbV	5	9/6/2010 8:39:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Trichloroethene	0.36	0.040		ppbV	1	9/5/2010 7:10:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 7:10:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 7:10:00 PM
Surr: Bromofluorobenzene	107	70-130		%REC	1	9/5/2010 7:10:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-IA-05N
Lab Order:	C1008076	**Tag Number:**	230,494
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 7:10:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 7:10:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 7:10:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 7:10:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 7:10:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 7:10:00 PM
1,2,4-Trimethylbenzene	8.0	3.7		ug/m3	5	9/6/2010 8:39:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 7:10:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 7:10:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 7:10:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 7:10:00 PM
1,3,5-Trimethylbenzene	2.9	0.75		ug/m3	1	9/5/2010 7:10:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 7:10:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 7:10:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 7:10:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 7:10:00 PM
2,2,4-trimethylpentane	1.5	0.71		ug/m3	1	9/5/2010 7:10:00 PM
4-ethyltoluene	1.5	0.75		ug/m3	1	9/5/2010 7:10:00 PM
Acetone	27	3.6		ug/m3	5	9/6/2010 8:39:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 7:10:00 PM
Benzene	0.71	0.49		ug/m3	1	9/5/2010 7:10:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 7:10:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 7:10:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 7:10:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 7:10:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 7:10:00 PM
Carbon tetrachloride	0.58	0.26		ug/m3	1	9/5/2010 7:10:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 7:10:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 7:10:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 7:10:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 7:10:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 7:10:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 7:10:00 PM
Cyclohexane	2.9	0.52		ug/m3	1	9/5/2010 7:10:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 7:10:00 PM
Ethyl acetate	4.6	0.92		ug/m3	1	9/5/2010 7:10:00 PM
Ethylbenzene	3.0	0.66		ug/m3	1	9/5/2010 7:10:00 PM
Freon 11	4.7	0.86		ug/m3	1	9/5/2010 7:10:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-IA-05N
Lab Order:	C1008076	**Tag Number:**	230,494
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	1.0	1.2	J	ug/m3	1	9/5/2010 7:10:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 7:10:00 PM
Freon 12	2.8	0.75		ug/m3	1	9/5/2010 7:10:00 PM
Heptane	1.3	0.62		ug/m3	1	9/5/2010 7:10:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 7:10:00 PM
Hexane	3.1	0.54		ug/m3	1	9/5/2010 7:10:00 PM
Isopropyl alcohol	43	1.9	E	ug/m3	5	9/6/2010 8:39:00 AM
m&p-Xylene	9.3	1.3		ug/m3	1	9/5/2010 7:10:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 7:10:00 PM
Methyl Ethyl Ketone	6.1	4.5		ug/m3	5	9/6/2010 8:39:00 AM
Methyl Isobutyl Ketone	2.5	1.2		ug/m3	1	9/5/2010 7:10:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 7:10:00 PM
Methylene chloride	0.88	0.53		ug/m3	1	9/5/2010 7:10:00 PM
o-Xylene	4.1	0.66		ug/m3	1	9/5/2010 7:10:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 7:10:00 PM
Styrene	1.6	0.65		ug/m3	1	9/5/2010 7:10:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/5/2010 7:10:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 7:10:00 PM
Toluene	11	2.9		ug/m3	5	9/6/2010 8:39:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 7:10:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 7:10:00 PM
Trichloroethene	2.0	0.22		ug/m3	1	9/5/2010 7:10:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 7:10:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 7:10:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 7:10:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-IA-05D
Lab Order:	C1008076	**Tag Number:**	494,278
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-8			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,2,4-Trimethylbenzene	2.0	0.75		ppbV	5	9/6/2010 9:14:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,3,5-Trimethylbenzene	0.60	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 7:46:00 PM
2,2,4-trimethylpentane	0.27	0.15		ppbV	1	9/5/2010 7:46:00 PM
4-ethyltoluene	0.36	0.15		ppbV	1	9/5/2010 7:46:00 PM
Acetone	12	1.5		ppbV	5	9/6/2010 9:14:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Benzene	0.22	0.15		ppbV	1	9/5/2010 7:46:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/5/2010 7:46:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-IA-05D
Lab Order:	C1008076	**Tag Number:**	494,278
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.6	0.25		ppbV	1	9/5/2010 7:46:00 PM
Ethylbenzene	0.60	0.15		ppbV	1	9/5/2010 7:46:00 PM
Freon 11	0.58	0.15		ppbV	1	9/5/2010 7:46:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Heptane	0.33	0.15		ppbV	1	9/5/2010 7:46:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Hexane	0.71	0.15		ppbV	1	9/5/2010 7:46:00 PM
Isopropyl alcohol	14	0.75		ppbV	5	9/6/2010 9:14:00 AM
m&p-Xylene	1.9	0.30		ppbV	1	9/5/2010 7:46:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 7:46:00 PM
Methyl Ethyl Ketone	2.0	0.30		ppbV	1	9/5/2010 7:46:00 PM
Methyl Isobutyl Ketone	0.47	0.30		ppbV	1	9/5/2010 7:46:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
o-Xylene	0.84	0.15		ppbV	1	9/5/2010 7:46:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Styrene	0.36	0.15		ppbV	1	9/5/2010 7:46:00 PM
Tetrachloroethylene	0.13	0.15	J	ppbV	1	9/5/2010 7:46:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Toluene	2.8	0.75		ppbV	5	9/6/2010 9:14:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Trichloroethene	0.39	0.040		ppbV	1	9/5/2010 7:46:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 7:46:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 7:46:00 PM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/5/2010 7:46:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-IA-05D
Lab Order:	C1008076	**Tag Number:**	494,278
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 7:46:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 7:46:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 7:46:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 7:46:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 7:46:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 7:46:00 PM
1,2,4-Trimethylbenzene	10	3.7		ug/m3	5	9/6/2010 9:14:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 7:46:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 7:46:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 7:46:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 7:46:00 PM
1,3,5-Trimethylbenzene	3.0	0.75		ug/m3	1	9/5/2010 7:46:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 7:46:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 7:46:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 7:46:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 7:46:00 PM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	9/5/2010 7:46:00 PM
4-ethyltoluene	1.8	0.75		ug/m3	1	9/5/2010 7:46:00 PM
Acetone	28	3.6		ug/m3	5	9/6/2010 9:14:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 7:46:00 PM
Benzene	0.71	0.49		ug/m3	1	9/5/2010 7:46:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 7:46:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 7:46:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 7:46:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 7:46:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 7:46:00 PM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/5/2010 7:46:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 7:46:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 7:46:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 7:46:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 7:46:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 7:46:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 7:46:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 7:46:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 7:46:00 PM
Ethyl acetate	6.0	0.92		ug/m3	1	9/5/2010 7:46:00 PM
Ethylbenzene	2.6	0.66		ug/m3	1	9/5/2010 7:46:00 PM
Freon 11	3.3	0.86		ug/m3	1	9/5/2010 7:46:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-IA-05D
Lab Order:	C1008076	**Tag Number:**	494,278
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 7:46:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 7:46:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 7:46:00 PM
Heptane	1.4	0.62		ug/m3	1	9/5/2010 7:46:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 7:46:00 PM
Hexane	2.5	0.54		ug/m3	1	9/5/2010 7:46:00 PM
Isopropyl alcohol	36	1.9		ug/m3	5	9/6/2010 9:14:00 AM
m&p-Xylene	8.4	1.3		ug/m3	1	9/5/2010 7:46:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 7:46:00 PM
Methyl Ethyl Ketone	6.0	0.90		ug/m3	1	9/5/2010 7:46:00 PM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	9/5/2010 7:46:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 7:46:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 7:46:00 PM
o-Xylene	3.7	0.66		ug/m3	1	9/5/2010 7:46:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 7:46:00 PM
Styrene	1.6	0.65		ug/m3	1	9/5/2010 7:46:00 PM
Tetrachloroethylene	0.90	1.0	J	ug/m3	1	9/5/2010 7:46:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 7:46:00 PM
Toluene	11	2.9		ug/m3	5	9/6/2010 9:14:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 7:46:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 7:46:00 PM
Trichloroethene	2.1	0.22		ug/m3	1	9/5/2010 7:46:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 7:46:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 7:46:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 7:46:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL055-IA-05N
Lab Order:	C1008076	**Tag Number:**	170,310
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-19			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,2,4-Trimethylbenzene	3.4	0.75		ppbV	5	9/6/2010 9:50:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,3,5-Trimethylbenzene	0.85	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 8:25:00 PM
2,2,4-trimethylpentane	0.34	0.15		ppbV	1	9/5/2010 8:25:00 PM
4-ethyltoluene	0.76	0.15		ppbV	1	9/5/2010 8:25:00 PM
Acetone	20	1.5	E	ppbV	5	9/6/2010 9:50:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Benzene	0.28	0.15		ppbV	1	9/5/2010 8:25:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Carbon disulfide	0.31	0.15		ppbV	1	9/5/2010 8:25:00 PM
Carbon tetrachloride	< 0.040	0.040		ppbV	1	9/5/2010 8:25:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
cis-1,2-Dichloroethene	0.16	0.15		ppbV	1	9/5/2010 8:25:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL055-IA-05N
Lab Order:	C1008076	**Tag Number:**	170,310
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.6	0.25		ppbV	1	9/5/2010 8:25:00 PM
Ethylbenzene	0.72	0.15		ppbV	1	9/5/2010 8:25:00 PM
Freon 11	0.29	0.15		ppbV	1	9/5/2010 8:25:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Heptane	0.48	0.15		ppbV	1	9/5/2010 8:25:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Hexane	1.3	0.15		ppbV	1	9/5/2010 8:25:00 PM
Isopropyl alcohol	16	0.75	E	ppbV	5	9/6/2010 9:50:00 AM
m&p-Xylene	2.2	0.30		ppbV	1	9/5/2010 8:25:00 PM
Methyl Butyl Ketone	0.13	0.30	J	ppbV	1	9/5/2010 8:25:00 PM
Methyl Ethyl Ketone	2.1	1.5		ppbV	5	9/6/2010 9:50:00 AM
Methyl Isobutyl Ketone	0.54	0.30		ppbV	1	9/5/2010 8:25:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
o-Xylene	0.92	0.15		ppbV	1	9/5/2010 8:25:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Styrene	0.36	0.15		ppbV	1	9/5/2010 8:25:00 PM
Tetrachloroethylene	0.11	0.15	J	ppbV	1	9/5/2010 8:25:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Toluene	3.9	0.75		ppbV	5	9/6/2010 9:50:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Trichloroethene	0.58	0.040		ppbV	1	9/5/2010 8:25:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 8:25:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 8:25:00 PM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/5/2010 8:25:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL055-IA-05N
Lab Order:	C1008076	**Tag Number:**	170,310
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 8:25:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 8:25:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 8:25:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 8:25:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 8:25:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 8:25:00 PM
1,2,4-Trimethylbenzene	17	3.7		ug/m3	5	9/6/2010 9:50:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 8:25:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 8:25:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 8:25:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 8:25:00 PM
1,3,5-Trimethylbenzene	4.2	0.75		ug/m3	1	9/5/2010 8:25:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 8:25:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 8:25:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 8:25:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 8:25:00 PM
2,2,4-trimethylpentane	1.6	0.71		ug/m3	1	9/5/2010 8:25:00 PM
4-ethyltoluene	3.8	0.75		ug/m3	1	9/5/2010 8:25:00 PM
Acetone	49	3.6	E	ug/m3	5	9/6/2010 9:50:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 8:25:00 PM
Benzene	0.91	0.49		ug/m3	1	9/5/2010 8:25:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 8:25:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 8:25:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 8:25:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 8:25:00 PM
Carbon disulfide	0.98	0.47		ug/m3	1	9/5/2010 8:25:00 PM
Carbon tetrachloride	< 0.26	0.26		ug/m3	1	9/5/2010 8:25:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 8:25:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 8:25:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 8:25:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 8:25:00 PM
cis-1,2-Dichloroethene	0.64	0.60		ug/m3	1	9/5/2010 8:25:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 8:25:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 8:25:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 8:25:00 PM
Ethyl acetate	5.8	0.92		ug/m3	1	9/5/2010 8:25:00 PM
Ethylbenzene	3.2	0.66		ug/m3	1	9/5/2010 8:25:00 PM
Freon 11	1.7	0.86		ug/m3	1	9/5/2010 8:25:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL055-IA-05N
Lab Order:	C1008076	**Tag Number:**	170,310
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 8:25:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 8:25:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 8:25:00 PM
Heptane	2.0	0.62		ug/m3	1	9/5/2010 8:25:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 8:25:00 PM
Hexane	4.7	0.54		ug/m3	1	9/5/2010 8:25:00 PM
Isopropyl alcohol	39	1.9	E	ug/m3	5	9/6/2010 9:50:00 AM
m&p-Xylene	9.6	1.3		ug/m3	1	9/5/2010 8:25:00 PM
Methyl Butyl Ketone	0.54	1.2	J	ug/m3	1	9/5/2010 8:25:00 PM
Methyl Ethyl Ketone	6.3	4.5		ug/m3	5	9/6/2010 9:50:00 AM
Methyl Isobutyl Ketone	2.2	1.2		ug/m3	1	9/5/2010 8:25:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 8:25:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 8:25:00 PM
o-Xylene	4.1	0.66		ug/m3	1	9/5/2010 8:25:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 8:25:00 PM
Styrene	1.6	0.65		ug/m3	1	9/5/2010 8:25:00 PM
Tetrachloroethylene	0.76	1.0	J	ug/m3	1	9/5/2010 8:25:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 8:25:00 PM
Toluene	15	2.9		ug/m3	5	9/6/2010 9:50:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 8:25:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 8:25:00 PM
Trichloroethene	3.2	0.22		ug/m3	1	9/5/2010 8:25:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 8:25:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 8:25:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 8:25:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL055-SS-05N
Lab Order:	C1008076	**Tag Number:**	422,432
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	69	14		ppbV	90	9/8/2010 3:53:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,1-Dichloroethane	20	1.5		ppbV	10	9/8/2010 1:19:00 PM
1,1-Dichloroethene	3.3	1.5		ppbV	10	9/8/2010 1:19:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,2,4-Trimethylbenzene	0.54	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
1,4-Dioxane	2.7	0.30		ppbV	1	9/6/2010 10:28:00 PM
2,2,4-trimethylpentane	0.27	0.15		ppbV	1	9/6/2010 10:28:00 PM
4-ethyltoluene	0.21	0.15		ppbV	1	9/6/2010 10:28:00 PM
Acetone	12	3.0		ppbV	10	9/8/2010 1:19:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Benzene	0.25	0.15		ppbV	1	9/6/2010 10:28:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Carbon disulfide	0.11	0.15	J	ppbV	1	9/6/2010 10:28:00 PM
Carbon tetrachloride	0.25	0.15		ppbV	1	9/6/2010 10:28:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Chloroethane	0.18	0.15		ppbV	1	9/6/2010 10:28:00 PM
Chloroform	0.44	0.15		ppbV	1	9/6/2010 10:28:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
cis-1,2-Dichloroethene	0.18	0.15		ppbV	1	9/6/2010 10:28:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Cyclohexane	1.9	0.15		ppbV	1	9/6/2010 10:28:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL055-SS-05N
Lab Order:	C1008076	**Tag Number:**	422,432
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethyl acetate	0.58	0.25		ppbV	1	9/6/2010 10:28:00 PM
Ethylbenzene	0.16	0.15		ppbV	1	9/6/2010 10:28:00 PM
Freon 11	0.48	0.15		ppbV	1	9/6/2010 10:28:00 PM
Freon 113	2.0	0.15		ppbV	1	9/6/2010 10:28:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Freon 12	0.68	0.15		ppbV	1	9/6/2010 10:28:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Hexane	0.49	0.15		ppbV	1	9/6/2010 10:28:00 PM
Isopropyl alcohol	37	14		ppbV	90	9/8/2010 3:53:00 PM
m&p-Xylene	0.48	0.30		ppbV	1	9/6/2010 10:28:00 PM
Methyl Butyl Ketone	0.11	0.30	J	ppbV	1	9/6/2010 10:28:00 PM
Methyl Ethyl Ketone	1.0	0.30		ppbV	1	9/6/2010 10:28:00 PM
Methyl Isobutyl Ketone	0.47	0.30		ppbV	1	9/6/2010 10:28:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
o-Xylene	0.22	0.15		ppbV	1	9/6/2010 10:28:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Tetrachloroethylene	0.11	0.15	J	ppbV	1	9/6/2010 10:28:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Toluene	1.6	0.15		ppbV	1	9/6/2010 10:28:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Trichloroethene	24	14		ppbV	90	9/8/2010 3:53:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 10:28:00 PM
Surr: Bromofluorobenzene	101	70-130		%REC	1	9/6/2010 10:28:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL055-SS-05N
Lab Order:	C1008076	**Tag Number:**	422,432
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	380	78		ug/m3	90	9/8/2010 3:53:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 10:28:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 10:28:00 PM
1,1-Dichloroethane	82	6.2		ug/m3	10	9/8/2010 1:19:00 PM
1,1-Dichloroethene	13	6.0		ug/m3	10	9/8/2010 1:19:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 10:28:00 PM
1,2,4-Trimethylbenzene	2.7	0.75		ug/m3	1	9/6/2010 10:28:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 10:28:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 10:28:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 10:28:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 10:28:00 PM
1,3,5-Trimethylbenzene	0.90	0.75		ug/m3	1	9/6/2010 10:28:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 10:28:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 10:28:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 10:28:00 PM
1,4-Dioxane	9.9	1.1		ug/m3	1	9/6/2010 10:28:00 PM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	9/6/2010 10:28:00 PM
4-ethyltoluene	1.0	0.75		ug/m3	1	9/6/2010 10:28:00 PM
Acetone	29	7.2		ug/m3	10	9/8/2010 1:19:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 10:28:00 PM
Benzene	0.81	0.49		ug/m3	1	9/6/2010 10:28:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 10:28:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 10:28:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 10:28:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 10:28:00 PM
Carbon disulfide	0.35	0.47	J	ug/m3	1	9/6/2010 10:28:00 PM
Carbon tetrachloride	1.6	0.96		ug/m3	1	9/6/2010 10:28:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 10:28:00 PM
Chloroethane	0.48	0.40		ug/m3	1	9/6/2010 10:28:00 PM
Chloroform	2.2	0.74		ug/m3	1	9/6/2010 10:28:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 10:28:00 PM
cis-1,2-Dichloroethene	0.73	0.60		ug/m3	1	9/6/2010 10:28:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 10:28:00 PM
Cyclohexane	6.6	0.52		ug/m3	1	9/6/2010 10:28:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 10:28:00 PM
Ethyl acetate	2.1	0.92		ug/m3	1	9/6/2010 10:28:00 PM
Ethylbenzene	0.71	0.66		ug/m3	1	9/6/2010 10:28:00 PM
Freon 11	2.7	0.86		ug/m3	1	9/6/2010 10:28:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL055-SS-05N
Lab Order:	C1008076	**Tag Number:**	422,432
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	16	1.2		ug/m3	1	9/6/2010 10:28:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 10:28:00 PM
Freon 12	3.4	0.75		ug/m3	1	9/6/2010 10:28:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 10:28:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 10:28:00 PM
Hexane	1.8	0.54		ug/m3	1	9/6/2010 10:28:00 PM
Isopropyl alcohol	92	35		ug/m3	90	9/8/2010 3:53:00 PM
m&p-Xylene	2.1	1.3		ug/m3	1	9/6/2010 10:28:00 PM
Methyl Butyl Ketone	0.46	1.2	J	ug/m3	1	9/6/2010 10:28:00 PM
Methyl Ethyl Ketone	3.0	0.90		ug/m3	1	9/6/2010 10:28:00 PM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	9/6/2010 10:28:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 10:28:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 10:28:00 PM
o-Xylene	0.97	0.66		ug/m3	1	9/6/2010 10:28:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 10:28:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 10:28:00 PM
Tetrachloroethylene	0.76	1.0	J	ug/m3	1	9/6/2010 10:28:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 10:28:00 PM
Toluene	6.0	0.57		ug/m3	1	9/6/2010 10:28:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 10:28:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 10:28:00 PM
Trichloroethene	130	76		ug/m3	90	9/8/2010 3:53:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 10:28:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 10:28:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 10:28:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL054-IA-05N
Lab Order:	C1008076	**Tag Number:**	349,143
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,2,4-Trimethylbenzene	1.3	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,3,5-Trimethylbenzene	0.30	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 9:01:00 PM
2,2,4-trimethylpentane	0.32	0.15		ppbV	1	9/5/2010 9:01:00 PM
4-ethyltoluene	0.25	0.15		ppbV	1	9/5/2010 9:01:00 PM
Acetone	14	0.30	E	ppbV	1	9/5/2010 9:01:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Benzene	0.23	0.15		ppbV	1	9/5/2010 9:01:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/5/2010 9:01:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Cyclohexane	1.9	0.15		ppbV	1	9/5/2010 9:01:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL054-IA-05N
Lab Order:	C1008076	**Tag Number:**	349,143
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.0	0.25		ppbV	1	9/5/2010 9:01:00 PM
Ethylbenzene	0.35	0.15		ppbV	1	9/5/2010 9:01:00 PM
Freon 11	0.31	0.15		ppbV	1	9/5/2010 9:01:00 PM
Freon 113	0.18	0.15		ppbV	1	9/5/2010 9:01:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Freon 12	0.62	0.15		ppbV	1	9/5/2010 9:01:00 PM
Heptane	0.27	0.15		ppbV	1	9/5/2010 9:01:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Hexane	0.52	0.15		ppbV	1	9/5/2010 9:01:00 PM
Isopropyl alcohol	13	0.15	E	ppbV	1	9/5/2010 9:01:00 PM
m&p-Xylene	1.0	0.30		ppbV	1	9/5/2010 9:01:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 9:01:00 PM
Methyl Ethyl Ketone	1.5	0.30		ppbV	1	9/5/2010 9:01:00 PM
Methyl Isobutyl Ketone	0.32	0.30		ppbV	1	9/5/2010 9:01:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
o-Xylene	0.43	0.15		ppbV	1	9/5/2010 9:01:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Styrene	0.18	0.15		ppbV	1	9/5/2010 9:01:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Toluene	2.0	0.15		ppbV	1	9/5/2010 9:01:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Trichloroethene	0.21	0.040		ppbV	1	9/5/2010 9:01:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 9:01:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 9:01:00 PM
Surr: Bromofluorobenzene	102	70-130		%REC	1	9/5/2010 9:01:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL054-IA-05N
Lab Order:	C1008076	**Tag Number:**	349,143
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 9:01:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 9:01:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 9:01:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 9:01:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 9:01:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 9:01:00 PM
1,2,4-Trimethylbenzene	6.5	0.75		ug/m3	1	9/5/2010 9:01:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 9:01:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 9:01:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 9:01:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 9:01:00 PM
1,3,5-Trimethylbenzene	1.5	0.75		ug/m3	1	9/5/2010 9:01:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 9:01:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 9:01:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 9:01:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 9:01:00 PM
2,2,4-trimethylpentane	1.5	0.71		ug/m3	1	9/5/2010 9:01:00 PM
4-ethyltoluene	1.2	0.75		ug/m3	1	9/5/2010 9:01:00 PM
Acetone	35	0.72	E	ug/m3	1	9/5/2010 9:01:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 9:01:00 PM
Benzene	0.75	0.49		ug/m3	1	9/5/2010 9:01:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 9:01:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 9:01:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 9:01:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 9:01:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 9:01:00 PM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/5/2010 9:01:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 9:01:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 9:01:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 9:01:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 9:01:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 9:01:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 9:01:00 PM
Cyclohexane	6.5	0.52		ug/m3	1	9/5/2010 9:01:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 9:01:00 PM
Ethyl acetate	3.8	0.92		ug/m3	1	9/5/2010 9:01:00 PM
Ethylbenzene	1.5	0.66		ug/m3	1	9/5/2010 9:01:00 PM
Freon 11	1.8	0.86		ug/m3	1	9/5/2010 9:01:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL054-IA-05N
Lab Order:	C1008076	**Tag Number:**	349,143
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	1.4	1.2		ug/m3	1	9/5/2010 9:01:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 9:01:00 PM
Freon 12	3.1	0.75		ug/m3	1	9/5/2010 9:01:00 PM
Heptane	1.1	0.62		ug/m3	1	9/5/2010 9:01:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 9:01:00 PM
Hexane	1.9	0.54		ug/m3	1	9/5/2010 9:01:00 PM
Isopropyl alcohol	32	0.37	E	ug/m3	1	9/5/2010 9:01:00 PM
m&p-Xylene	4.5	1.3		ug/m3	1	9/5/2010 9:01:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 9:01:00 PM
Methyl Ethyl Ketone	4.4	0.90		ug/m3	1	9/5/2010 9:01:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	9/5/2010 9:01:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 9:01:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 9:01:00 PM
o-Xylene	1.9	0.66		ug/m3	1	9/5/2010 9:01:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 9:01:00 PM
Styrene	0.78	0.65		ug/m3	1	9/5/2010 9:01:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/5/2010 9:01:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 9:01:00 PM
Toluene	7.5	0.57		ug/m3	1	9/5/2010 9:01:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 9:01:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 9:01:00 PM
Trichloroethene	1.1	0.22		ug/m3	1	9/5/2010 9:01:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 9:01:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 9:01:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 9:01:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL054-SS-05N
Lab Order:	C1008076	**Tag Number:**	358,252
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	1.8	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,2,4-Trimethylbenzene	0.65	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 11:04:00 PM
2,2,4-trimethylpentane	0.19	0.15		ppbV	1	9/6/2010 11:04:00 PM
4-ethyltoluene	0.17	0.15		ppbV	1	9/6/2010 11:04:00 PM
Acetone	8.4	0.30	E	ppbV	1	9/6/2010 11:04:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Benzene	0.19	0.15		ppbV	1	9/6/2010 11:04:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Carbon tetrachloride	0.12	0.15	J	ppbV	1	9/6/2010 11:04:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Chloromethane	0.14	0.15	J	ppbV	1	9/6/2010 11:04:00 PM
cis-1,2-Dichloroethene	0.11	0.15	J	ppbV	1	9/6/2010 11:04:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Cyclohexane	0.80	0.15		ppbV	1	9/6/2010 11:04:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL054-SS-05N
Lab Order:	C1008076	**Tag Number:**	358,252
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.68	0.25		ppbV	1	9/6/2010 11:04:00 PM
Ethylbenzene	0.16	0.15		ppbV	1	9/6/2010 11:04:00 PM
Freon 11	0.36	0.15		ppbV	1	9/6/2010 11:04:00 PM
Freon 113	0.19	0.15		ppbV	1	9/6/2010 11:04:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Freon 12	0.64	0.15		ppbV	1	9/6/2010 11:04:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Hexane	0.21	0.15		ppbV	1	9/6/2010 11:04:00 PM
Isopropyl alcohol	20	0.15	E	ppbV	1	9/6/2010 11:04:00 PM
m&p-Xylene	0.59	0.30		ppbV	1	9/6/2010 11:04:00 PM
Methyl Butyl Ketone	0.11	0.30	J	ppbV	1	9/6/2010 11:04:00 PM
Methyl Ethyl Ketone	0.74	0.30		ppbV	1	9/6/2010 11:04:00 PM
Methyl Isobutyl Ketone	0.31	0.30		ppbV	1	9/6/2010 11:04:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Methylene chloride	0.33	0.15		ppbV	1	9/6/2010 11:04:00 PM
o-Xylene	0.23	0.15		ppbV	1	9/6/2010 11:04:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Tetrachloroethylene	0.13	0.15	J	ppbV	1	9/6/2010 11:04:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Toluene	1.4	0.15		ppbV	1	9/6/2010 11:04:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Trichloroethene	2.1	0.15		ppbV	1	9/6/2010 11:04:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 11:04:00 PM
Surr: Bromofluorobenzene	97.0	70-130		%REC	1	9/6/2010 11:04:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL054-SS-05N
Lab Order:	C1008076	**Tag Number:**	358,252
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	9.8	0.83		ug/m3	1	9/6/2010 11:04:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 11:04:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 11:04:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 11:04:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 11:04:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 11:04:00 PM
1,2,4-Trimethylbenzene	3.2	0.75		ug/m3	1	9/6/2010 11:04:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 11:04:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 11:04:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 11:04:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 11:04:00 PM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	9/6/2010 11:04:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 11:04:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 11:04:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 11:04:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 11:04:00 PM
2,2,4-trimethylpentane	0.90	0.71		ug/m3	1	9/6/2010 11:04:00 PM
4-ethyltoluene	0.85	0.75		ug/m3	1	9/6/2010 11:04:00 PM
Acetone	20	0.72	E	ug/m3	1	9/6/2010 11:04:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 11:04:00 PM
Benzene	0.62	0.49		ug/m3	1	9/6/2010 11:04:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 11:04:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 11:04:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 11:04:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 11:04:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 11:04:00 PM
Carbon tetrachloride	0.77	0.96	J	ug/m3	1	9/6/2010 11:04:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 11:04:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 11:04:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 11:04:00 PM
Chloromethane	0.29	0.31	J	ug/m3	1	9/6/2010 11:04:00 PM
cis-1,2-Dichloroethene	0.44	0.60	J	ug/m3	1	9/6/2010 11:04:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 11:04:00 PM
Cyclohexane	2.8	0.52		ug/m3	1	9/6/2010 11:04:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 11:04:00 PM
Ethyl acetate	2.5	0.92		ug/m3	1	9/6/2010 11:04:00 PM
Ethylbenzene	0.71	0.66		ug/m3	1	9/6/2010 11:04:00 PM
Freon 11	2.1	0.86		ug/m3	1	9/6/2010 11:04:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL054-SS-05N
Lab Order:	C1008076	**Tag Number:**	358,252
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	1.5	1.2		ug/m3	1	9/6/2010 11:04:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 11:04:00 PM
Freon 12	3.2	0.75		ug/m3	1	9/6/2010 11:04:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 11:04:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 11:04:00 PM
Hexane	0.75	0.54		ug/m3	1	9/6/2010 11:04:00 PM
Isopropyl alcohol	50	0.37	E	ug/m3	1	9/6/2010 11:04:00 PM
m&p-Xylene	2.6	1.3		ug/m3	1	9/6/2010 11:04:00 PM
Methyl Butyl Ketone	0.46	1.2	J	ug/m3	1	9/6/2010 11:04:00 PM
Methyl Ethyl Ketone	2.2	0.90		ug/m3	1	9/6/2010 11:04:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	9/6/2010 11:04:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 11:04:00 PM
Methylene chloride	1.2	0.53		ug/m3	1	9/6/2010 11:04:00 PM
o-Xylene	1.0	0.66		ug/m3	1	9/6/2010 11:04:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 11:04:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 11:04:00 PM
Tetrachloroethylene	0.90	1.0	J	ug/m3	1	9/6/2010 11:04:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 11:04:00 PM
Toluene	5.4	0.57		ug/m3	1	9/6/2010 11:04:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 11:04:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 11:04:00 PM
Trichloroethene	12	0.82		ug/m3	1	9/6/2010 11:04:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 11:04:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 11:04:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 11:04:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL076-IA-05N
Lab Order:	C1008076	**Tag Number:**	131,44
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,2,4-Trimethylbenzene	2.0	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,3,5-Trimethylbenzene	0.46	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 9:37:00 PM
2,2,4-trimethylpentane	0.30	0.15		ppbV	1	9/5/2010 9:37:00 PM
4-ethyltoluene	0.45	0.15		ppbV	1	9/5/2010 9:37:00 PM
Acetone	16	1.5	E	ppbV	5	9/6/2010 10:24:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Benzene	0.33	0.15		ppbV	1	9/5/2010 9:37:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/5/2010 9:37:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Cyclohexane	1.3	0.15		ppbV	1	9/5/2010 9:37:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL076-IA-05N
Lab Order:	C1008076	**Tag Number:**	131,44
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.93	0.25		ppbV	1	9/5/2010 9:37:00 PM
Ethylbenzene	0.67	0.15		ppbV	1	9/5/2010 9:37:00 PM
Freon 11	0.39	0.15		ppbV	1	9/5/2010 9:37:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Heptane	0.33	0.15		ppbV	1	9/5/2010 9:37:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Isopropyl alcohol	9.3	0.75		ppbV	5	9/6/2010 10:24:00 AM
m&p-Xylene	2.1	0.30		ppbV	1	9/5/2010 9:37:00 PM
Methyl Butyl Ketone	0.11	0.30	J	ppbV	1	9/5/2010 9:37:00 PM
Methyl Ethyl Ketone	2.1	1.5		ppbV	5	9/6/2010 10:24:00 AM
Methyl Isobutyl Ketone	0.52	0.30		ppbV	1	9/5/2010 9:37:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
o-Xylene	0.83	0.15		ppbV	1	9/5/2010 9:37:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Styrene	0.35	0.15		ppbV	1	9/5/2010 9:37:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Toluene	3.7	0.75		ppbV	5	9/6/2010 10:24:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Trichloroethene	0.29	0.040		ppbV	1	9/5/2010 9:37:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 9:37:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 9:37:00 PM
Surr: Bromofluorobenzene	104	70-130		%REC	1	9/5/2010 9:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL076-IA-05N
Lab Order:	C1008076	**Tag Number:**	131,44
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 9:37:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 9:37:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 9:37:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 9:37:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 9:37:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 9:37:00 PM
1,2,4-Trimethylbenzene	9.8	0.75		ug/m3	1	9/5/2010 9:37:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 9:37:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 9:37:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 9:37:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 9:37:00 PM
1,3,5-Trimethylbenzene	2.3	0.75		ug/m3	1	9/5/2010 9:37:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 9:37:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 9:37:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 9:37:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 9:37:00 PM
2,2,4-trimethylpentane	1.4	0.71		ug/m3	1	9/5/2010 9:37:00 PM
4-ethyltoluene	2.2	0.75		ug/m3	1	9/5/2010 9:37:00 PM
Acetone	39	3.6	E	ug/m3	5	9/6/2010 10:24:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 9:37:00 PM
Benzene	1.1	0.49		ug/m3	1	9/5/2010 9:37:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 9:37:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 9:37:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 9:37:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 9:37:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 9:37:00 PM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/5/2010 9:37:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 9:37:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 9:37:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 9:37:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 9:37:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 9:37:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 9:37:00 PM
Cyclohexane	4.7	0.52		ug/m3	1	9/5/2010 9:37:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 9:37:00 PM
Ethyl acetate	3.4	0.92		ug/m3	1	9/5/2010 9:37:00 PM
Ethylbenzene	3.0	0.66		ug/m3	1	9/5/2010 9:37:00 PM
Freon 11	2.2	0.86		ug/m3	1	9/5/2010 9:37:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT: AECOM
Lab Order: C1008076
Project: AFP 59 60160780.08
Lab ID: C1008076-008A

Client Sample ID: SL076-IA-05N
Tag Number: 131,44
Collection Date: 8/28/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 9:37:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 9:37:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 9:37:00 PM
Heptane	1.4	0.62		ug/m3	1	9/5/2010 9:37:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 9:37:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/5/2010 9:37:00 PM
Isopropyl alcohol	23	1.9		ug/m3	5	9/6/2010 10:24:00 AM
m&p-Xylene	9.1	1.3		ug/m3	1	9/5/2010 9:37:00 PM
Methyl Butyl Ketone	0.46	1.2	J	ug/m3	1	9/5/2010 9:37:00 PM
Methyl Ethyl Ketone	6.3	4.5		ug/m3	5	9/6/2010 10:24:00 AM
Methyl Isobutyl Ketone	2.2	1.2		ug/m3	1	9/5/2010 9:37:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 9:37:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 9:37:00 PM
o-Xylene	3.7	0.66		ug/m3	1	9/5/2010 9:37:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 9:37:00 PM
Styrene	1.5	0.65		ug/m3	1	9/5/2010 9:37:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/5/2010 9:37:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 9:37:00 PM
Toluene	14	2.9		ug/m3	5	9/6/2010 10:24:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 9:37:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 9:37:00 PM
Trichloroethene	1.6	0.22		ug/m3	1	9/5/2010 9:37:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 9:37:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 9:37:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 9:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL076-SS-05N
Lab Order:	C1008076	**Tag Number:**	543,381
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	16	1.5		ppbV	10	9/8/2010 2:27:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,1-Dichloroethane	0.32	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,2,4-Trimethylbenzene	0.67	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 11:40:00 PM
2,2,4-trimethylpentane	0.26	0.15		ppbV	1	9/6/2010 11:40:00 PM
4-ethyltoluene	0.14	0.15	J	ppbV	1	9/6/2010 11:40:00 PM
Acetone	17	3.0		ppbV	10	9/8/2010 2:27:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Benzene	0.28	0.15		ppbV	1	9/6/2010 11:40:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Carbon tetrachloride	0.16	0.15		ppbV	1	9/6/2010 11:40:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Chloroform	0.95	0.15		ppbV	1	9/6/2010 11:40:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
cis-1,2-Dichloroethene	0.80	0.15		ppbV	1	9/6/2010 11:40:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Cyclohexane	0.68	0.15		ppbV	1	9/6/2010 11:40:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL076-SS-05N
Lab Order:	C1008076	**Tag Number:**	543,381
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.76	0.25		ppbV	1	9/6/2010 11:40:00 PM
Ethylbenzene	0.17	0.15		ppbV	1	9/6/2010 11:40:00 PM
Freon 11	0.56	0.15		ppbV	1	9/6/2010 11:40:00 PM
Freon 113	8.1	1.5		ppbV	10	9/8/2010 2:27:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Freon 12	0.88	0.15		ppbV	1	9/6/2010 11:40:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Hexane	0.35	0.15		ppbV	1	9/6/2010 11:40:00 PM
Isopropyl alcohol	70	40		ppbV	270	9/8/2010 3:20:00 PM
m&p-Xylene	0.52	0.30		ppbV	1	9/6/2010 11:40:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 11:40:00 PM
Methyl Ethyl Ketone	0.92	0.30		ppbV	1	9/6/2010 11:40:00 PM
Methyl Isobutyl Ketone	0.42	0.30		ppbV	1	9/6/2010 11:40:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Methylene chloride	0.31	0.15		ppbV	1	9/6/2010 11:40:00 PM
o-Xylene	0.23	0.15		ppbV	1	9/6/2010 11:40:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Styrene	0.11	0.15	J	ppbV	1	9/6/2010 11:40:00 PM
Tetrachloroethylene	0.31	0.15		ppbV	1	9/6/2010 11:40:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Toluene	1.8	0.15		ppbV	1	9/6/2010 11:40:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Trichloroethene	200	40		ppbV	270	9/8/2010 3:20:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 11:40:00 PM
Surr: Bromofluorobenzene	96.0	70-130		%REC	1	9/6/2010 11:40:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL076-SS-05N
Lab Order:	C1008076	**Tag Number:**	543,381
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	92	8.3		ug/m3	10	9/8/2010 2:27:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 11:40:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 11:40:00 PM
1,1-Dichloroethane	1.3	0.62		ug/m3	1	9/6/2010 11:40:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 11:40:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 11:40:00 PM
1,2,4-Trimethylbenzene	3.3	0.75		ug/m3	1	9/6/2010 11:40:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 11:40:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 11:40:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 11:40:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 11:40:00 PM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	9/6/2010 11:40:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 11:40:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 11:40:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 11:40:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 11:40:00 PM
2,2,4-trimethylpentane	1.2	0.71		ug/m3	1	9/6/2010 11:40:00 PM
4-ethyltoluene	0.70	0.75	J	ug/m3	1	9/6/2010 11:40:00 PM
Acetone	40	7.2		ug/m3	10	9/8/2010 2:27:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 11:40:00 PM
Benzene	0.91	0.49		ug/m3	1	9/6/2010 11:40:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 11:40:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 11:40:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 11:40:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 11:40:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 11:40:00 PM
Carbon tetrachloride	1.0	0.96		ug/m3	1	9/6/2010 11:40:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 11:40:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 11:40:00 PM
Chloroform	4.7	0.74		ug/m3	1	9/6/2010 11:40:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 11:40:00 PM
cis-1,2-Dichloroethene	3.2	0.60		ug/m3	1	9/6/2010 11:40:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 11:40:00 PM
Cyclohexane	2.4	0.52		ug/m3	1	9/6/2010 11:40:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 11:40:00 PM
Ethyl acetate	2.8	0.92		ug/m3	1	9/6/2010 11:40:00 PM
Ethylbenzene	0.75	0.66		ug/m3	1	9/6/2010 11:40:00 PM
Freon 11	3.2	0.86		ug/m3	1	9/6/2010 11:40:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL076-SS-05N
Lab Order:	C1008076	**Tag Number:**	543,381
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	63	12		ug/m3	10	9/8/2010 2:27:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 11:40:00 PM
Freon 12	4.4	0.75		ug/m3	1	9/6/2010 11:40:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 11:40:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 11:40:00 PM
Hexane	1.3	0.54		ug/m3	1	9/6/2010 11:40:00 PM
Isopropyl alcohol	180	100		ug/m3	270	9/8/2010 3:20:00 PM
m&p-Xylene	2.3	1.3		ug/m3	1	9/6/2010 11:40:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 11:40:00 PM
Methyl Ethyl Ketone	2.8	0.90		ug/m3	1	9/6/2010 11:40:00 PM
Methyl Isobutyl Ketone	1.7	1.2		ug/m3	1	9/6/2010 11:40:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 11:40:00 PM
Methylene chloride	1.1	0.53		ug/m3	1	9/6/2010 11:40:00 PM
o-Xylene	1.0	0.66		ug/m3	1	9/6/2010 11:40:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 11:40:00 PM
Styrene	0.48	0.65	J	ug/m3	1	9/6/2010 11:40:00 PM
Tetrachloroethylene	2.1	1.0		ug/m3	1	9/6/2010 11:40:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 11:40:00 PM
Toluene	7.0	0.57		ug/m3	1	9/6/2010 11:40:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 11:40:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 11:40:00 PM
Trichloroethene	1100	220		ug/m3	270	9/8/2010 3:20:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 11:40:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 11:40:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 11:40:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL077-IA-05N
Lab Order:	C1008076	**Tag Number:**	320,269
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-16			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.14	0.15	J	ppbV	1	9/5/2010 10:14:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,2,4-Trimethylbenzene	2.9	0.75		ppbV	5	9/6/2010 11:00:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,3,5-Trimethylbenzene	0.55	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 10:14:00 PM
2,2,4-trimethylpentane	0.30	0.15		ppbV	1	9/5/2010 10:14:00 PM
4-ethyltoluene	0.46	0.15		ppbV	1	9/5/2010 10:14:00 PM
Acetone	19	1.5	E	ppbV	5	9/6/2010 11:00:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Benzene	0.24	0.15		ppbV	1	9/5/2010 10:14:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Carbon tetrachloride	0.11	0.040		ppbV	1	9/5/2010 10:14:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
cis-1,2-Dichloroethene	0.31	0.15		ppbV	1	9/5/2010 10:14:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL077-IA-05N
Lab Order:	C1008076	**Tag Number:**	320,269
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.1	0.25		ppbV	1	9/5/2010 10:14:00 PM
Ethylbenzene	0.56	0.15		ppbV	1	9/5/2010 10:14:00 PM
Freon 11	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Heptane	0.40	0.15		ppbV	1	9/5/2010 10:14:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Hexane	1.1	0.15		ppbV	1	9/5/2010 10:14:00 PM
Isopropyl alcohol	10	0.75		ppbV	5	9/6/2010 11:00:00 AM
m&p-Xylene	1.6	0.30		ppbV	1	9/5/2010 10:14:00 PM
Methyl Butyl Ketone	0.15	0.30	J	ppbV	1	9/5/2010 10:14:00 PM
Methyl Ethyl Ketone	1.8	1.5		ppbV	5	9/6/2010 11:00:00 AM
Methyl Isobutyl Ketone	0.58	0.30		ppbV	1	9/5/2010 10:14:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
o-Xylene	0.66	0.15		ppbV	1	9/5/2010 10:14:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Styrene	0.31	0.15		ppbV	1	9/5/2010 10:14:00 PM
Tetrachloroethylene	0.13	0.15	J	ppbV	1	9/5/2010 10:14:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Toluene	3.1	0.75		ppbV	5	9/6/2010 11:00:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Trichloroethene	7.4	0.20		ppbV	5	9/6/2010 11:00:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 10:14:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 10:14:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	9/5/2010 10:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL077-IA-05N
Lab Order:	C1008076	**Tag Number:**	320,269
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.78	0.83	J	ug/m3	1	9/5/2010 10:14:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 10:14:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 10:14:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 10:14:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 10:14:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 10:14:00 PM
1,2,4-Trimethylbenzene	14	3.7		ug/m3	5	9/6/2010 11:00:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 10:14:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 10:14:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 10:14:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 10:14:00 PM
1,3,5-Trimethylbenzene	2.7	0.75		ug/m3	1	9/5/2010 10:14:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 10:14:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 10:14:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 10:14:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 10:14:00 PM
2,2,4-trimethylpentane	1.4	0.71		ug/m3	1	9/5/2010 10:14:00 PM
4-ethyltoluene	2.3	0.75		ug/m3	1	9/5/2010 10:14:00 PM
Acetone	47	3.6	E	ug/m3	5	9/6/2010 11:00:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 10:14:00 PM
Benzene	0.78	0.49		ug/m3	1	9/5/2010 10:14:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 10:14:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 10:14:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 10:14:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 10:14:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 10:14:00 PM
Carbon tetrachloride	0.70	0.26		ug/m3	1	9/5/2010 10:14:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 10:14:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 10:14:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 10:14:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 10:14:00 PM
cis-1,2-Dichloroethene	1.2	0.60		ug/m3	1	9/5/2010 10:14:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 10:14:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 10:14:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 10:14:00 PM
Ethyl acetate	4.0	0.92		ug/m3	1	9/5/2010 10:14:00 PM
Ethylbenzene	2.5	0.66		ug/m3	1	9/5/2010 10:14:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	9/5/2010 10:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL077-IA-05N
Lab Order:	C1008076	**Tag Number:**	320,269
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 10:14:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 10:14:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 10:14:00 PM
Heptane	1.7	0.62		ug/m3	1	9/5/2010 10:14:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 10:14:00 PM
Hexane	3.8	0.54		ug/m3	1	9/5/2010 10:14:00 PM
Isopropyl alcohol	26	1.9		ug/m3	5	9/6/2010 11:00:00 AM
m&p-Xylene	7.1	1.3		ug/m3	1	9/5/2010 10:14:00 PM
Methyl Butyl Ketone	0.62	1.2	J	ug/m3	1	9/5/2010 10:14:00 PM
Methyl Ethyl Ketone	5.2	4.5		ug/m3	5	9/6/2010 11:00:00 AM
Methyl Isobutyl Ketone	2.4	1.2		ug/m3	1	9/5/2010 10:14:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 10:14:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 10:14:00 PM
o-Xylene	2.9	0.66		ug/m3	1	9/5/2010 10:14:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 10:14:00 PM
Styrene	1.3	0.65		ug/m3	1	9/5/2010 10:14:00 PM
Tetrachloroethylene	0.90	1.0	J	ug/m3	1	9/5/2010 10:14:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 10:14:00 PM
Toluene	12	2.9		ug/m3	5	9/6/2010 11:00:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 10:14:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 10:14:00 PM
Trichloroethene	40	1.1		ug/m3	5	9/6/2010 11:00:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 10:14:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 10:14:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 10:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL077-SS-05N
Lab Order:	C1008076	**Tag Number:**	550,179
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-7			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	2.0	0.75		ppbV	5	9/8/2010 4:25:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,2,4-Trimethylbenzene	0.86	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,3,5-Trimethylbenzene	0.23	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/7/2010 12:16:00 AM
2,2,4-trimethylpentane	0.28	0.15		ppbV	1	9/7/2010 12:16:00 AM
4-ethyltoluene	0.16	0.15		ppbV	1	9/7/2010 12:16:00 AM
Acetone	68	27		ppbV	90	9/8/2010 5:19:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Benzene	0.27	0.15		ppbV	1	9/7/2010 12:16:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Carbon disulfide	0.10	0.15	J	ppbV	1	9/7/2010 12:16:00 AM
Carbon tetrachloride	0.18	0.15		ppbV	1	9/7/2010 12:16:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Chloroform	0.90	0.15		ppbV	1	9/7/2010 12:16:00 AM
Chloromethane	0.25	0.15		ppbV	1	9/7/2010 12:16:00 AM
cis-1,2-Dichloroethene	5.0	0.75		ppbV	5	9/8/2010 4:25:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Cyclohexane	0.66	0.15		ppbV	1	9/7/2010 12:16:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL077-SS-05N
Lab Order:	C1008076	**Tag Number:**	550,179
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.57	0.25		ppbV	1	9/7/2010 12:16:00 AM
Ethylbenzene	0.18	0.15		ppbV	1	9/7/2010 12:16:00 AM
Freon 11	0.55	0.15		ppbV	1	9/7/2010 12:16:00 AM
Freon 113	2.4	0.15		ppbV	1	9/7/2010 12:16:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Freon 12	1.2	0.15		ppbV	1	9/7/2010 12:16:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Hexane	0.85	0.15		ppbV	1	9/7/2010 12:16:00 AM
Isopropyl alcohol	110	14		ppbV	90	9/8/2010 5:19:00 PM
m&p-Xylene	0.51	0.30		ppbV	1	9/7/2010 12:16:00 AM
Methyl Butyl Ketone	0.13	0.30	J	ppbV	1	9/7/2010 12:16:00 AM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	9/7/2010 12:16:00 AM
Methyl Isobutyl Ketone	0.38	0.30		ppbV	1	9/7/2010 12:16:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Methylene chloride	0.26	0.15		ppbV	1	9/7/2010 12:16:00 AM
o-Xylene	0.26	0.15		ppbV	1	9/7/2010 12:16:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Tetrachloroethylene	0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Toluene	1.6	0.15		ppbV	1	9/7/2010 12:16:00 AM
trans-1,2-Dichloroethene	1.4	0.15		ppbV	1	9/7/2010 12:16:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Trichloroethene	140	14		ppbV	90	9/8/2010 5:19:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 12:16:00 AM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	9/7/2010 12:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL077-SS-05N
Lab Order:	C1008076	**Tag Number:**	550,179
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	11	4.2		ug/m3	5	9/8/2010 4:25:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/7/2010 12:16:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/7/2010 12:16:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 12:16:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 12:16:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/7/2010 12:16:00 AM
1,2,4-Trimethylbenzene	4.3	0.75		ug/m3	1	9/7/2010 12:16:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/7/2010 12:16:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 12:16:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 12:16:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/7/2010 12:16:00 AM
1,3,5-Trimethylbenzene	1.1	0.75		ug/m3	1	9/7/2010 12:16:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/7/2010 12:16:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 12:16:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 12:16:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/7/2010 12:16:00 AM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	9/7/2010 12:16:00 AM
4-ethyltoluene	0.80	0.75		ug/m3	1	9/7/2010 12:16:00 AM
Acetone	160	65		ug/m3	90	9/8/2010 5:19:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/7/2010 12:16:00 AM
Benzene	0.88	0.49		ug/m3	1	9/7/2010 12:16:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/7/2010 12:16:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/7/2010 12:16:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/7/2010 12:16:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/7/2010 12:16:00 AM
Carbon disulfide	0.32	0.47	J	ug/m3	1	9/7/2010 12:16:00 AM
Carbon tetrachloride	1.2	0.96		ug/m3	1	9/7/2010 12:16:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/7/2010 12:16:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/7/2010 12:16:00 AM
Chloroform	4.5	0.74		ug/m3	1	9/7/2010 12:16:00 AM
Chloromethane	0.52	0.31		ug/m3	1	9/7/2010 12:16:00 AM
cis-1,2-Dichloroethene	20	3.0		ug/m3	5	9/8/2010 4:25:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 12:16:00 AM
Cyclohexane	2.3	0.52		ug/m3	1	9/7/2010 12:16:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/7/2010 12:16:00 AM
Ethyl acetate	2.1	0.92		ug/m3	1	9/7/2010 12:16:00 AM
Ethylbenzene	0.79	0.66		ug/m3	1	9/7/2010 12:16:00 AM
Freon 11	3.1	0.86		ug/m3	1	9/7/2010 12:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL077-SS-05N
Lab Order:	C1008076	**Tag Number:**	550,179
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	18	1.2		ug/m3	1	9/7/2010 12:16:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/7/2010 12:16:00 AM
Freon 12	6.0	0.75		ug/m3	1	9/7/2010 12:16:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/7/2010 12:16:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/7/2010 12:16:00 AM
Hexane	3.0	0.54		ug/m3	1	9/7/2010 12:16:00 AM
Isopropyl alcohol	270	35		ug/m3	90	9/8/2010 5:19:00 PM
m&p-Xylene	2.3	1.3		ug/m3	1	9/7/2010 12:16:00 AM
Methyl Butyl Ketone	0.54	1.2	J	ug/m3	1	9/7/2010 12:16:00 AM
Methyl Ethyl Ketone	3.2	0.90		ug/m3	1	9/7/2010 12:16:00 AM
Methyl Isobutyl Ketone	1.6	1.2		ug/m3	1	9/7/2010 12:16:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/7/2010 12:16:00 AM
Methylene chloride	0.92	0.53		ug/m3	1	9/7/2010 12:16:00 AM
o-Xylene	1.1	0.66		ug/m3	1	9/7/2010 12:16:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/7/2010 12:16:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/7/2010 12:16:00 AM
Tetrachloroethylene	1.0	1.0		ug/m3	1	9/7/2010 12:16:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/7/2010 12:16:00 AM
Toluene	6.2	0.57		ug/m3	1	9/7/2010 12:16:00 AM
trans-1,2-Dichloroethene	5.4	0.60		ug/m3	1	9/7/2010 12:16:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 12:16:00 AM
Trichloroethene	740	76		ug/m3	90	9/8/2010 5:19:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/7/2010 12:16:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/7/2010 12:16:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/7/2010 12:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL043-IA-05N
Lab Order:	C1008076	**Tag Number:**	287,302
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,2,4-Trimethylbenzene	1.5	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,3,5-Trimethylbenzene	0.36	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 11:29:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
4-ethyltoluene	0.26	0.15		ppbV	1	9/5/2010 11:29:00 PM
Acetone	10	0.30	E	ppbV	1	9/5/2010 11:29:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Benzene	0.19	0.15		ppbV	1	9/5/2010 11:29:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Carbon disulfide	0.40	0.15		ppbV	1	9/5/2010 11:29:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	9/5/2010 11:29:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL043-IA-05N
Lab Order:	C1008076	**Tag Number:**	287,302
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.5	0.25		ppbV	1	9/5/2010 11:29:00 PM
Ethylbenzene	0.19	0.15		ppbV	1	9/5/2010 11:29:00 PM
Freon 11	0.31	0.15		ppbV	1	9/5/2010 11:29:00 PM
Freon 113	0.11	0.15	J	ppbV	1	9/5/2010 11:29:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Heptane	0.20	0.15		ppbV	1	9/5/2010 11:29:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Hexane	0.41	0.15		ppbV	1	9/5/2010 11:29:00 PM
Isopropyl alcohol	6.0	0.15	E	ppbV	1	9/5/2010 11:29:00 PM
m&p-Xylene	0.55	0.30		ppbV	1	9/5/2010 11:29:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 11:29:00 PM
Methyl Ethyl Ketone	0.68	0.30		ppbV	1	9/5/2010 11:29:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 11:29:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Methylene chloride	0.61	0.15		ppbV	1	9/5/2010 11:29:00 PM
o-Xylene	0.24	0.15		ppbV	1	9/5/2010 11:29:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Styrene	0.14	0.15	J	ppbV	1	9/5/2010 11:29:00 PM
Tetrachloroethylene	0.12	0.15	J	ppbV	1	9/5/2010 11:29:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Toluene	1.4	0.15		ppbV	1	9/5/2010 11:29:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Trichloroethene	0.41	0.040		ppbV	1	9/5/2010 11:29:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 11:29:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 11:29:00 PM
Surr: Bromofluorobenzene	101	70-130		%REC	1	9/5/2010 11:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL043-IA-05N
Lab Order:	C1008076	**Tag Number:**	287,302
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 11:29:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 11:29:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 11:29:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 11:29:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 11:29:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 11:29:00 PM
1,2,4-Trimethylbenzene	7.4	0.75		ug/m3	1	9/5/2010 11:29:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 11:29:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 11:29:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 11:29:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 11:29:00 PM
1,3,5-Trimethylbenzene	1.8	0.75		ug/m3	1	9/5/2010 11:29:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 11:29:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 11:29:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 11:29:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 11:29:00 PM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	9/5/2010 11:29:00 PM
4-ethyltoluene	1.3	0.75		ug/m3	1	9/5/2010 11:29:00 PM
Acetone	25	0.72	E	ug/m3	1	9/5/2010 11:29:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 11:29:00 PM
Benzene	0.62	0.49		ug/m3	1	9/5/2010 11:29:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 11:29:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 11:29:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 11:29:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 11:29:00 PM
Carbon disulfide	1.3	0.47		ug/m3	1	9/5/2010 11:29:00 PM
Carbon tetrachloride	0.58	0.26		ug/m3	1	9/5/2010 11:29:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 11:29:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 11:29:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 11:29:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 11:29:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 11:29:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 11:29:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 11:29:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 11:29:00 PM
Ethyl acetate	5.5	0.92		ug/m3	1	9/5/2010 11:29:00 PM
Ethylbenzene	0.84	0.66		ug/m3	1	9/5/2010 11:29:00 PM
Freon 11	1.8	0.86		ug/m3	1	9/5/2010 11:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL043-IA-05N
Lab Order:	C1008076	**Tag Number:**	287,302
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	0.86	1.2	J	ug/m3	1	9/5/2010 11:29:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 11:29:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 11:29:00 PM
Heptane	0.83	0.62		ug/m3	1	9/5/2010 11:29:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 11:29:00 PM
Hexane	1.5	0.54		ug/m3	1	9/5/2010 11:29:00 PM
Isopropyl alcohol	15	0.37	E	ug/m3	1	9/5/2010 11:29:00 PM
m&p-Xylene	2.4	1.3		ug/m3	1	9/5/2010 11:29:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 11:29:00 PM
Methyl Ethyl Ketone	2.0	0.90		ug/m3	1	9/5/2010 11:29:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 11:29:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 11:29:00 PM
Methylene chloride	2.2	0.53		ug/m3	1	9/5/2010 11:29:00 PM
o-Xylene	1.1	0.66		ug/m3	1	9/5/2010 11:29:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 11:29:00 PM
Styrene	0.61	0.65	J	ug/m3	1	9/5/2010 11:29:00 PM
Tetrachloroethylene	0.83	1.0	J	ug/m3	1	9/5/2010 11:29:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 11:29:00 PM
Toluene	5.5	0.57		ug/m3	1	9/5/2010 11:29:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 11:29:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 11:29:00 PM
Trichloroethene	2.2	0.22		ug/m3	1	9/5/2010 11:29:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 11:29:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 11:29:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 11:29:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL043-SS-05N
Lab Order:	C1008076	**Tag Number:**	328,346
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	21	1.5		ppbV	10	9/8/2010 11:04:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,1-Dichloroethane	0.23	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,2,4-Trimethylbenzene	0.64	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/7/2010 12:52:00 AM
2,2,4-trimethylpentane	0.18	0.15		ppbV	1	9/7/2010 12:52:00 AM
4-ethyltoluene	0.12	0.15	J	ppbV	1	9/7/2010 12:52:00 AM
Acetone	9.8	3.0		ppbV	10	9/8/2010 11:04:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Benzene	0.26	0.15		ppbV	1	9/7/2010 12:52:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Carbon tetrachloride	0.13	0.15	J	ppbV	1	9/7/2010 12:52:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Chloroform	0.67	0.15		ppbV	1	9/7/2010 12:52:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
cis-1,2-Dichloroethene	0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT: AECOM
Lab Order: C1008076
Project: AFP 59 60160780.08
Lab ID: C1008076-013A

Client Sample ID: SL043-SS-05N
Tag Number: 328,346
Collection Date: 8/28/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.3	0.25		ppbV	1	9/7/2010 12:52:00 AM
Ethylbenzene	0.17	0.15		ppbV	1	9/7/2010 12:52:00 AM
Freon 11	0.52	0.15		ppbV	1	9/7/2010 12:52:00 AM
Freon 113	4.1	1.5		ppbV	10	9/8/2010 11:04:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Freon 12	0.84	0.15		ppbV	1	9/7/2010 12:52:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Hexane	0.36	0.15		ppbV	1	9/7/2010 12:52:00 AM
Isopropyl alcohol	24	1.5		ppbV	10	9/8/2010 11:04:00 AM
m&p-Xylene	0.50	0.30		ppbV	1	9/7/2010 12:52:00 AM
Methyl Butyl Ketone	0.12	0.30	J	ppbV	1	9/7/2010 12:52:00 AM
Methyl Ethyl Ketone	0.82	0.30		ppbV	1	9/7/2010 12:52:00 AM
Methyl Isobutyl Ketone	0.36	0.30		ppbV	1	9/7/2010 12:52:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Methylene chloride	0.27	0.15		ppbV	1	9/7/2010 12:52:00 AM
o-Xylene	0.27	0.15		ppbV	1	9/7/2010 12:52:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Tetrachloroethylene	0.55	0.15		ppbV	1	9/7/2010 12:52:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Toluene	1.5	0.15		ppbV	1	9/7/2010 12:52:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Trichloroethene	360	40		ppbV	270	9/8/2010 5:52:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 12:52:00 AM
Surr: Bromofluorobenzene	97.0	70-130		%REC	1	9/7/2010 12:52:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL043-SS-05N
Lab Order:	C1008076	**Tag Number:**	328,346
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	110	8.3		ug/m3	10	9/8/2010 11:04:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/7/2010 12:52:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/7/2010 12:52:00 AM
1,1-Dichloroethane	0.95	0.62		ug/m3	1	9/7/2010 12:52:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 12:52:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/7/2010 12:52:00 AM
1,2,4-Trimethylbenzene	3.2	0.75		ug/m3	1	9/7/2010 12:52:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/7/2010 12:52:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 12:52:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 12:52:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/7/2010 12:52:00 AM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	9/7/2010 12:52:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/7/2010 12:52:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 12:52:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 12:52:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/7/2010 12:52:00 AM
2,2,4-trimethylpentane	0.85	0.71		ug/m3	1	9/7/2010 12:52:00 AM
4-ethyltoluene	0.60	0.75	J	ug/m3	1	9/7/2010 12:52:00 AM
Acetone	24	7.2		ug/m3	10	9/8/2010 11:04:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/7/2010 12:52:00 AM
Benzene	0.84	0.49		ug/m3	1	9/7/2010 12:52:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/7/2010 12:52:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/7/2010 12:52:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/7/2010 12:52:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/7/2010 12:52:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/7/2010 12:52:00 AM
Carbon tetrachloride	0.83	0.96	J	ug/m3	1	9/7/2010 12:52:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/7/2010 12:52:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/7/2010 12:52:00 AM
Chloroform	3.3	0.74		ug/m3	1	9/7/2010 12:52:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/7/2010 12:52:00 AM
cis-1,2-Dichloroethene	0.60	0.60		ug/m3	1	9/7/2010 12:52:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 12:52:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/7/2010 12:52:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/7/2010 12:52:00 AM
Ethyl acetate	4.8	0.92		ug/m3	1	9/7/2010 12:52:00 AM
Ethylbenzene	0.75	0.66		ug/m3	1	9/7/2010 12:52:00 AM
Freon 11	3.0	0.86		ug/m3	1	9/7/2010 12:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL043-SS-05N
Lab Order:	C1008076	**Tag Number:**	328,346
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	32	12		ug/m3	10	9/8/2010 11:04:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/7/2010 12:52:00 AM
Freon 12	4.2	0.75		ug/m3	1	9/7/2010 12:52:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/7/2010 12:52:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/7/2010 12:52:00 AM
Hexane	1.3	0.54		ug/m3	1	9/7/2010 12:52:00 AM
Isopropyl alcohol	61	3.7		ug/m3	10	9/8/2010 11:04:00 AM
m&p-Xylene	2.2	1.3		ug/m3	1	9/7/2010 12:52:00 AM
Methyl Butyl Ketone	0.50	1.2	J	ug/m3	1	9/7/2010 12:52:00 AM
Methyl Ethyl Ketone	2.5	0.90		ug/m3	1	9/7/2010 12:52:00 AM
Methyl Isobutyl Ketone	1.5	1.2		ug/m3	1	9/7/2010 12:52:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/7/2010 12:52:00 AM
Methylene chloride	0.95	0.53		ug/m3	1	9/7/2010 12:52:00 AM
o-Xylene	1.2	0.66		ug/m3	1	9/7/2010 12:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/7/2010 12:52:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/7/2010 12:52:00 AM
Tetrachloroethylene	3.8	1.0		ug/m3	1	9/7/2010 12:52:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/7/2010 12:52:00 AM
Toluene	5.8	0.57		ug/m3	1	9/7/2010 12:52:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 12:52:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 12:52:00 AM
Trichloroethene	2000	220		ug/m3	270	9/8/2010 5:52:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/7/2010 12:52:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/7/2010 12:52:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/7/2010 12:52:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL044-IA-05N
Lab Order:	C1008076	**Tag Number:**	407,435
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,2,4-Trimethylbenzene	1.1	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,3,5-Trimethylbenzene	0.27	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 12:05:00 AM
2,2,4-trimethylpentane	0.20	0.15		ppbV	1	9/6/2010 12:05:00 AM
4-ethyltoluene	0.22	0.15		ppbV	1	9/6/2010 12:05:00 AM
Acetone	16	0.30	E	ppbV	1	9/6/2010 12:05:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Benzene	0.25	0.15		ppbV	1	9/6/2010 12:05:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/6/2010 12:05:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL044-IA-05N
Lab Order:	C1008076	**Tag Number:**	407,435
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.66	0.25		ppbV	1	9/6/2010 12:05:00 AM
Ethylbenzene	0.32	0.15		ppbV	1	9/6/2010 12:05:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Isopropyl alcohol	7.8	0.15	E	ppbV	1	9/6/2010 12:05:00 AM
m&p-Xylene	1.0	0.30		ppbV	1	9/6/2010 12:05:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 12:05:00 AM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	9/6/2010 12:05:00 AM
Methyl Isobutyl Ketone	0.35	0.30		ppbV	1	9/6/2010 12:05:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
o-Xylene	0.38	0.15		ppbV	1	9/6/2010 12:05:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Styrene	0.16	0.15		ppbV	1	9/6/2010 12:05:00 AM
Tetrachloroethylene	0.13	0.15	J	ppbV	1	9/6/2010 12:05:00 AM
Tetrahydrofuran	0.33	0.15		ppbV	1	9/6/2010 12:05:00 AM
Toluene	2.1	0.15		ppbV	1	9/6/2010 12:05:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Trichloroethene	0.21	0.040		ppbV	1	9/6/2010 12:05:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 12:05:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 12:05:00 AM
Surr: Bromofluorobenzene	101	70-130		%REC	1	9/6/2010 12:05:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL044-IA-05N
Lab Order:	C1008076	**Tag Number:**	407,435
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 12:05:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 12:05:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 12:05:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 12:05:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 12:05:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 12:05:00 AM
1,2,4-Trimethylbenzene	5.6	0.75		ug/m3	1	9/6/2010 12:05:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 12:05:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 12:05:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 12:05:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 12:05:00 AM
1,3,5-Trimethylbenzene	1.3	0.75		ug/m3	1	9/6/2010 12:05:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 12:05:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 12:05:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 12:05:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 12:05:00 AM
2,2,4-trimethylpentane	0.95	0.71		ug/m3	1	9/6/2010 12:05:00 AM
4-ethyltoluene	1.1	0.75		ug/m3	1	9/6/2010 12:05:00 AM
Acetone	39	0.72	E	ug/m3	1	9/6/2010 12:05:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 12:05:00 AM
Benzene	0.81	0.49		ug/m3	1	9/6/2010 12:05:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 12:05:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 12:05:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 12:05:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 12:05:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 12:05:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/6/2010 12:05:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 12:05:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 12:05:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 12:05:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 12:05:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 12:05:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 12:05:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 12:05:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 12:05:00 AM
Ethyl acetate	2.4	0.92		ug/m3	1	9/6/2010 12:05:00 AM
Ethylbenzene	1.4	0.66		ug/m3	1	9/6/2010 12:05:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2010 12:05:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL044-IA-05N
Lab Order:	C1008076	**Tag Number:**	407,435
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2010 12:05:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 12:05:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 12:05:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 12:05:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 12:05:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 12:05:00 AM
Isopropyl alcohol	19	0.37	E	ug/m3	1	9/6/2010 12:05:00 AM
m&p-Xylene	4.5	1.3		ug/m3	1	9/6/2010 12:05:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 12:05:00 AM
Methyl Ethyl Ketone	3.4	0.90		ug/m3	1	9/6/2010 12:05:00 AM
Methyl Isobutyl Ketone	1.5	1.2		ug/m3	1	9/6/2010 12:05:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 12:05:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 12:05:00 AM
o-Xylene	1.7	0.66		ug/m3	1	9/6/2010 12:05:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 12:05:00 AM
Styrene	0.69	0.65		ug/m3	1	9/6/2010 12:05:00 AM
Tetrachloroethylene	0.90	1.0	J	ug/m3	1	9/6/2010 12:05:00 AM
Tetrahydrofuran	0.99	0.45		ug/m3	1	9/6/2010 12:05:00 AM
Toluene	8.2	0.57		ug/m3	1	9/6/2010 12:05:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 12:05:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 12:05:00 AM
Trichloroethene	1.1	0.22		ug/m3	1	9/6/2010 12:05:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 12:05:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 12:05:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 12:05:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL044-SS-05N
Lab Order:	C1008076	**Tag Number:**	544,372
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	54	6.0		ppbV	40	9/8/2010 6:23:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,1-Dichloroethane	0.52	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,2,4-Trimethylbenzene	0.71	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,3,5-Trimethylbenzene	0.20	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/7/2010 1:28:00 AM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	9/7/2010 1:28:00 AM
4-ethyltoluene	0.22	0.15		ppbV	1	9/7/2010 1:28:00 AM
Acetone	16	12		ppbV	40	9/8/2010 6:23:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Benzene	0.14	0.15	J	ppbV	1	9/7/2010 1:28:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Carbon tetrachloride	0.31	0.15		ppbV	1	9/7/2010 1:28:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Chloroform	0.23	0.15		ppbV	1	9/7/2010 1:28:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
cis-1,2-Dichloroethene	0.69	0.15		ppbV	1	9/7/2010 1:28:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL044-SS-05N
Lab Order:	C1008076	**Tag Number:**	544,372
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.66	0.25		ppbV	1	9/7/2010 1:28:00 AM
Ethylbenzene	0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Freon 11	0.48	0.15		ppbV	1	9/7/2010 1:28:00 AM
Freon 113	9.6	6.0		ppbV	40	9/8/2010 6:23:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Freon 12	0.78	0.15		ppbV	1	9/7/2010 1:28:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Isopropyl alcohol	21	6.0		ppbV	40	9/8/2010 6:23:00 PM
m&p-Xylene	0.45	0.30		ppbV	1	9/7/2010 1:28:00 AM
Methyl Butyl Ketone	0.12	0.30	J	ppbV	1	9/7/2010 1:28:00 AM
Methyl Ethyl Ketone	0.64	0.30		ppbV	1	9/7/2010 1:28:00 AM
Methyl Isobutyl Ketone	0.21	0.30	J	ppbV	1	9/7/2010 1:28:00 AM
Methyl tert-butyl ether	0.13	0.15	J	ppbV	1	9/7/2010 1:28:00 AM
Methylene chloride	0.30	0.15		ppbV	1	9/7/2010 1:28:00 AM
o-Xylene	0.23	0.15		ppbV	1	9/7/2010 1:28:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Tetrachloroethylene	0.74	0.15		ppbV	1	9/7/2010 1:28:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Toluene	1.1	0.15		ppbV	1	9/7/2010 1:28:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Trichloroethene	140	6.0		ppbV	40	9/8/2010 6:23:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/7/2010 1:28:00 AM
Surr: Bromofluorobenzene	94.0	70-130		%REC	1	9/7/2010 1:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL044-SS-05N
Lab Order:	C1008076	**Tag Number:**	544,372
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	300	33		ug/m3	40	9/8/2010 6:23:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/7/2010 1:28:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/7/2010 1:28:00 AM
1,1-Dichloroethane	2.1	0.62		ug/m3	1	9/7/2010 1:28:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 1:28:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/7/2010 1:28:00 AM
1,2,4-Trimethylbenzene	3.5	0.75		ug/m3	1	9/7/2010 1:28:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/7/2010 1:28:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 1:28:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/7/2010 1:28:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/7/2010 1:28:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	9/7/2010 1:28:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/7/2010 1:28:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 1:28:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/7/2010 1:28:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/7/2010 1:28:00 AM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	9/7/2010 1:28:00 AM
4-ethyltoluene	1.1	0.75		ug/m3	1	9/7/2010 1:28:00 AM
Acetone	39	29		ug/m3	40	9/8/2010 6:23:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/7/2010 1:28:00 AM
Benzene	0.45	0.49	J	ug/m3	1	9/7/2010 1:28:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/7/2010 1:28:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/7/2010 1:28:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/7/2010 1:28:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/7/2010 1:28:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/7/2010 1:28:00 AM
Carbon tetrachloride	2.0	0.96		ug/m3	1	9/7/2010 1:28:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/7/2010 1:28:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/7/2010 1:28:00 AM
Chloroform	1.1	0.74		ug/m3	1	9/7/2010 1:28:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/7/2010 1:28:00 AM
cis-1,2-Dichloroethene	2.8	0.60		ug/m3	1	9/7/2010 1:28:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 1:28:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/7/2010 1:28:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/7/2010 1:28:00 AM
Ethyl acetate	2.4	0.92		ug/m3	1	9/7/2010 1:28:00 AM
Ethylbenzene	0.66	0.66		ug/m3	1	9/7/2010 1:28:00 AM
Freon 11	2.7	0.86		ug/m3	1	9/7/2010 1:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL044-SS-05N
Lab Order:	C1008076	**Tag Number:**	544,372
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	75	47		ug/m3	40	9/8/2010 6:23:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/7/2010 1:28:00 AM
Freon 12	3.9	0.75		ug/m3	1	9/7/2010 1:28:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/7/2010 1:28:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/7/2010 1:28:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/7/2010 1:28:00 AM
Isopropyl alcohol	53	15		ug/m3	40	9/8/2010 6:23:00 PM
m&p-Xylene	2.0	1.3		ug/m3	1	9/7/2010 1:28:00 AM
Methyl Butyl Ketone	0.50	1.2	J	ug/m3	1	9/7/2010 1:28:00 AM
Methyl Ethyl Ketone	1.9	0.90		ug/m3	1	9/7/2010 1:28:00 AM
Methyl Isobutyl Ketone	0.87	1.2	J	ug/m3	1	9/7/2010 1:28:00 AM
Methyl tert-butyl ether	0.48	0.55	J	ug/m3	1	9/7/2010 1:28:00 AM
Methylene chloride	1.1	0.53		ug/m3	1	9/7/2010 1:28:00 AM
o-Xylene	1.0	0.66		ug/m3	1	9/7/2010 1:28:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/7/2010 1:28:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/7/2010 1:28:00 AM
Tetrachloroethylene	5.1	1.0		ug/m3	1	9/7/2010 1:28:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/7/2010 1:28:00 AM
Toluene	4.3	0.57		ug/m3	1	9/7/2010 1:28:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/7/2010 1:28:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/7/2010 1:28:00 AM
Trichloroethene	750	33		ug/m3	40	9/8/2010 6:23:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/7/2010 1:28:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/7/2010 1:28:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/7/2010 1:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT: AECOM
Lab Order: C1008076
Project: AFP 59 60160780.08
Lab ID: C1008076-016A

Client Sample ID: SL094-IA-05N
Tag Number: 428,401
Collection Date: 8/28/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,2,4-Trimethylbenzene	0.61	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,3,5-Trimethylbenzene	0.21	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 12:41:00 AM
2,2,4-trimethylpentane	0.22	0.15		ppbV	1	9/6/2010 12:41:00 AM
4-ethyltoluene	0.18	0.15		ppbV	1	9/6/2010 12:41:00 AM
Acetone	18	0.30	E	ppbV	1	9/6/2010 12:41:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Benzene	0.24	0.15		ppbV	1	9/6/2010 12:41:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	9/6/2010 12:41:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL094-IA-05N
Lab Order:	C1008076	**Tag Number:**	428,401
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.60	0.25		ppbV	1	9/6/2010 12:41:00 AM
Ethylbenzene	0.17	0.15		ppbV	1	9/6/2010 12:41:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Isopropyl alcohol	22	0.15	E	ppbV	1	9/6/2010 12:41:00 AM
m&p-Xylene	0.57	0.30		ppbV	1	9/6/2010 12:41:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 12:41:00 AM
Methyl Ethyl Ketone	0.93	0.30		ppbV	1	9/6/2010 12:41:00 AM
Methyl Isobutyl Ketone	0.34	0.30		ppbV	1	9/6/2010 12:41:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
o-Xylene	0.26	0.15		ppbV	1	9/6/2010 12:41:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Styrene	0.13	0.15	J	ppbV	1	9/6/2010 12:41:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Toluene	2.0	0.15		ppbV	1	9/6/2010 12:41:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Trichloroethene	0.23	0.040		ppbV	1	9/6/2010 12:41:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 12:41:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 12:41:00 AM
Surr: Bromofluorobenzene	105	70-130		%REC	1	9/6/2010 12:41:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL094-IA-05N
Lab Order:	C1008076	**Tag Number:**	428,401
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 12:41:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 12:41:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 12:41:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 12:41:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 12:41:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 12:41:00 AM
1,2,4-Trimethylbenzene	3.0	0.75		ug/m3	1	9/6/2010 12:41:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 12:41:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 12:41:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 12:41:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 12:41:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	9/6/2010 12:41:00 AM
1,3-buladiene	< 0.34	0.34		ug/m3	1	9/6/2010 12:41:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 12:41:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 12:41:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 12:41:00 AM
2,2,4-trimethylpentane	1.0	0.71		ug/m3	1	9/6/2010 12:41:00 AM
4-ethyltoluene	0.90	0.75		ug/m3	1	9/6/2010 12:41:00 AM
Acetone	43	0.72	E	ug/m3	1	9/6/2010 12:41:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 12:41:00 AM
Benzene	0.78	0.49		ug/m3	1	9/6/2010 12:41:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 12:41:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 12:41:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 12:41:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 12:41:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 12:41:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	9/6/2010 12:41:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 12:41:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 12:41:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 12:41:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 12:41:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 12:41:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 12:41:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 12:41:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 12:41:00 AM
Ethyl acetate	2.2	0.92		ug/m3	1	9/6/2010 12:41:00 AM
Ethylbenzene	0.75	0.66		ug/m3	1	9/6/2010 12:41:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2010 12:41:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL094-IA-05N
Lab Order:	C1008076	**Tag Number:**	428,401
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008076-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2010 12:41:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 12:41:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 12:41:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 12:41:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 12:41:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 12:41:00 AM
Isopropyl alcohol	54	0.37	E	ug/m3	1	9/6/2010 12:41:00 AM
m&p-Xylene	2.5	1.3		ug/m3	1	9/6/2010 12:41:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 12:41:00 AM
Methyl Ethyl Ketone	2.8	0.90		ug/m3	1	9/6/2010 12:41:00 AM
Methyl Isobutyl Ketone	1.4	1.2		ug/m3	1	9/6/2010 12:41:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 12:41:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 12:41:00 AM
o-Xylene	1.1	0.66		ug/m3	1	9/6/2010 12:41:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 12:41:00 AM
Styrene	0.56	0.65	J	ug/m3	1	9/6/2010 12:41:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 12:41:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 12:41:00 AM
Toluene	7.7	0.57		ug/m3	1	9/6/2010 12:41:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 12:41:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 12:41:00 AM
Trichloroethene	1.3	0.22		ug/m3	1	9/6/2010 12:41:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 12:41:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 12:41:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 12:41:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 1 OF 2

Laboratory: Centek Laboratories
Address: 143 Midler Park Drive
City: Syracuse | State: NY | Zip Code: 13206
ERPIMS Information | Other Sample Information

Project Name: AFP 59 Vapor Intrusion Study
Point of Contact / Phone No.: Devon Chicoine (703) 706-0544
Site Contact / Phone No.: Drew Foley (734) 748-2883

Analysis: VOCs (TO-15)

Chain of Custody No.: AFP59 - 7

Comments:

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	
SL016	SL016-IA-05N	8/28/10	1143/1030	Air	495	385	✓	
SL016	SL016-SS-05N	8/28/10	1144/1050	Air	237	249	✓	
SL003	SL003-SS-05N	8/28/10	1152/1045	Air	457	115	✓	
SL003	SL003-SS-05D	8/28/10	1152/1045	Air	~~272~~ 427 (DL)	427 272 (DL)	✓	
SL003	SL003-IA-05N	8/28/10	1153/1045	Air	193	384	✓	
SL014	SL014-IA-05N	8/28/10	1200/1049	AIR	360	301	✓	
SL014	SL014-SS-05N	8/28/10	1200/1049	AIR	334	300	✓	
SL022	SL022-SS-05N	8/28/10	1202/1055	Air	159	109	✓	
SL022	SL022-IA-05N	8/28/10	1202/1055	Air	284	117	✓	
SL111	SL111-IA-05N	8/28/10	1221/1059	AIR	241	120	✓	
SL111	SL111-SS-05N	8/28/10	1217/1059	AIR	141	399	✓	
SL030	SL030-IA-05N	8/28/10	1250/1106	AIR	420	375	✓	
SL030	SL030-SS-05N	8/28/10	1249/1106	AIR	229	173	✓	

Detection Limit
___ 5ppbv
___ 1ug/M3
X 1ug/M3+TCE .25

Report Level
___ Level I
___ Level II
X Cat"B" Like

1. Relinquished By / Company: [illegible] AECOM	Date: 8/29/10	Time: 1800	1. Received By/Company: [signature] Centek	Date: 8/30/10	Time: 9:21
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments: CL078075

Centek Laboratories, LLC

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Page 9 of 601

Centek Laboratories, LLC

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-7
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	
SL101	SL101-1A-0SN	8/25/10	1242/1110	Air	547	60	✓	
SL101	SL101-SS-0SN	8/25/10	1240/1110	Air	85	279	✓	

Detection Limit
- ___ 5ppbv
- ___ 1ug/M3
- X 1ug/M3+TCE .25

Report Level
- ___ Level 1
- ___ Level II
- X Cat"B" Like

		Date	Time		Date	Time
1. Relinquished By / Company	Aecom	8/29/10	1600	1. Received By/Company	Centek	8/31/10 1:20
2. Relinquished By / Company		Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company		Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company		Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company		Date	Time	5. Received By/Company	Date	Time

Comments

C1078075

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL016-IA-05N
Lab Order:	C1008075	**Tag Number:**	495,385
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,2,4-Trimethylbenzene	0.54	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,3,5-Trimethylbenzene	0.16	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 5:02:00 PM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	9/6/2010 5:02:00 PM
4-ethyltoluene	0.12	0.15	J	ppbV	1	9/6/2010 5:02:00 PM
Acetone	9.9	0.30	E	ppbV	1	9/6/2010 5:02:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Benzene	0.24	0.15		ppbV	1	9/6/2010 5:02:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Carbon tetrachloride	0.11	0.040		ppbV	1	9/6/2010 5:02:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
cis-1,2-Dichloroethene	0.21	0.15		ppbV	1	9/6/2010 5:02:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL016-IA-05N
Lab Order:	C1008075	**Tag Number:**	495,385
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.51	0.25		ppbV	1	9/6/2010 5:02:00 PM
Ethylbenzene	0.25	0.15		ppbV	1	9/6/2010 5:02:00 PM
Freon 11	0.27	0.15		ppbV	1	9/6/2010 5:02:00 PM
Freon 113	0.12	0.15	J	ppbV	1	9/6/2010 5:02:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Freon 12	0.50	0.15		ppbV	1	9/6/2010 5:02:00 PM
Heptane	0.18	0.15		ppbV	1	9/6/2010 5:02:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Isopropyl alcohol	17	0.15	E	ppbV	1	9/6/2010 5:02:00 PM
m&p-Xylene	0.88	0.30		ppbV	1	9/6/2010 5:02:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 5:02:00 PM
Methyl Ethyl Ketone	0.97	0.30		ppbV	1	9/6/2010 5:02:00 PM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	9/6/2010 5:02:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
o-Xylene	0.36	0.15		ppbV	1	9/6/2010 5:02:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Toluene	1.6	0.15		ppbV	1	9/6/2010 5:02:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Trichloroethene	0.59	0.040		ppbV	1	9/6/2010 5:02:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 5:02:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/6/2010 5:02:00 PM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/6/2010 5:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL016-IA-05N
Lab Order:	C1008075	**Tag Number:**	495,385
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 5:02:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 5:02:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 5:02:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 5:02:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 5:02:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 5:02:00 PM
1,2,4-Trimethylbenzene	2.7	0.75		ug/m3	1	9/6/2010 5:02:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 5:02:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 5:02:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 5:02:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 5:02:00 PM
1,3,5-Trimethylbenzene	0.80	0.75		ug/m3	1	9/6/2010 5:02:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 5:02:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 5:02:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 5:02:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 5:02:00 PM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	9/6/2010 5:02:00 PM
4-ethyltoluene	0.60	0.75	J	ug/m3	1	9/6/2010 5:02:00 PM
Acetone	24	0.72	E	ug/m3	1	9/6/2010 5:02:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 5:02:00 PM
Benzene	0.78	0.49		ug/m3	1	9/6/2010 5:02:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 5:02:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 5:02:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 5:02:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 5:02:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 5:02:00 PM
Carbon tetrachloride	0.70	0.26		ug/m3	1	9/6/2010 5:02:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 5:02:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 5:02:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 5:02:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 5:02:00 PM
cis-1,2-Dichloroethene	0.85	0.60		ug/m3	1	9/6/2010 5:02:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 5:02:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 5:02:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 5:02:00 PM
Ethyl acetate	1.9	0.92		ug/m3	1	9/6/2010 5:02:00 PM
Ethylbenzene	1.1	0.66		ug/m3	1	9/6/2010 5:02:00 PM
Freon 11	1.5	0.86		ug/m3	1	9/6/2010 5:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL016-IA-05N
Lab Order:	C1008075	**Tag Number:**	495,385
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	0.93	1.2	J	ug/m3	1	9/6/2010 5:02:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 5:02:00 PM
Freon 12	2.5	0.75		ug/m3	1	9/6/2010 5:02:00 PM
Heptane	0.75	0.62		ug/m3	1	9/6/2010 5:02:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 5:02:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 5:02:00 PM
Isopropyl alcohol	43	0.37	E	ug/m3	1	9/6/2010 5:02:00 PM
m&p-Xylene	3.9	1.3		ug/m3	1	9/6/2010 5:02:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 5:02:00 PM
Methyl Ethyl Ketone	2.9	0.90		ug/m3	1	9/6/2010 5:02:00 PM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	9/6/2010 5:02:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 5:02:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 5:02:00 PM
o-Xylene	1.6	0.66		ug/m3	1	9/6/2010 5:02:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 5:02:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 5:02:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 5:02:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 5:02:00 PM
Toluene	6.1	0.57		ug/m3	1	9/6/2010 5:02:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 5:02:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 5:02:00 PM
Trichloroethene	3.2	0.22		ug/m3	1	9/6/2010 5:02:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 5:02:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 5:02:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/6/2010 5:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL016-SS-05N
Lab Order:	C1008075	**Tag Number:**	237,249
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	2.7	1.5		ppbV	10	9/6/2010 5:26:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,2,4-Trimethylbenzene	0.49	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,3,5-Trimethylbenzene	0.16	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 2:54:00 PM
2,2,4-trimethylpentane	0.16	0.15		ppbV	1	9/5/2010 2:54:00 PM
4-ethyltoluene	0.11	0.15	J	ppbV	1	9/5/2010 2:54:00 PM
Acetone	19	3.0		ppbV	10	9/6/2010 5:26:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Benzene	0.20	0.15		ppbV	1	9/5/2010 2:54:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Carbon disulfide	0.11	0.15	J	ppbV	1	9/5/2010 2:54:00 PM
Carbon tetrachloride	0.14	0.15	J	ppbV	1	9/5/2010 2:54:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Cyclohexane	0.65	0.15		ppbV	1	9/5/2010 2:54:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL016-SS-05N
Lab Order:	C1008075	**Tag Number:**	237,249
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/5/2010 2:54:00 PM
Ethylbenzene	0.19	0.15		ppbV	1	9/5/2010 2:54:00 PM
Freon 11	0.74	0.15		ppbV	1	9/5/2010 2:54:00 PM
Freon 113	4.9	1.5		ppbV	10	9/6/2010 5:26:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Freon 12	0.67	0.15		ppbV	1	9/5/2010 2:54:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Isopropyl alcohol	33	1.5	E	ppbV	10	9/6/2010 5:26:00 AM
m&p-Xylene	0.56	0.30		ppbV	1	9/5/2010 2:54:00 PM
Methyl Butyl Ketone	0.10	0.30	J	ppbV	1	9/5/2010 2:54:00 PM
Methyl Ethyl Ketone	1.2	0.30		ppbV	1	9/5/2010 2:54:00 PM
Methyl Isobutyl Ketone	0.38	0.30		ppbV	1	9/5/2010 2:54:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Methylene chloride	0.20	0.15		ppbV	1	9/5/2010 2:54:00 PM
o-Xylene	0.23	0.15		ppbV	1	9/5/2010 2:54:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Toluene	1.2	0.15		ppbV	1	9/5/2010 2:54:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Trichloroethene	13	1.5		ppbV	10	9/6/2010 5:26:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 2:54:00 PM
Surr: Bromofluorobenzene	96.0	70-130		%REC	1	9/5/2010 2:54:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL016-SS-05N
Lab Order:	C1008075	**Tag Number:**	237,249
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	15	8.3		ug/m3	10	9/6/2010 5:26:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 2:54:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 2:54:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 2:54:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 2:54:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 2:54:00 PM
1,2,4-Trimethylbenzene	2.4	0.75		ug/m3	1	9/5/2010 2:54:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 2:54:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 2:54:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 2:54:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 2:54:00 PM
1,3,5-Trimethylbenzene	0.80	0.75		ug/m3	1	9/5/2010 2:54:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 2:54:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 2:54:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 2:54:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 2:54:00 PM
2,2,4-trimethylpentane	0.76	0.71		ug/m3	1	9/5/2010 2:54:00 PM
4-ethyltoluene	0.55	0.75	J	ug/m3	1	9/5/2010 2:54:00 PM
Acetone	46	7.2		ug/m3	10	9/6/2010 5:26:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 2:54:00 PM
Benzene	0.65	0.49		ug/m3	1	9/5/2010 2:54:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 2:54:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 2:54:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 2:54:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 2:54:00 PM
Carbon disulfide	0.35	0.47	J	ug/m3	1	9/5/2010 2:54:00 PM
Carbon tetrachloride	0.90	0.96	J	ug/m3	1	9/5/2010 2:54:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 2:54:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 2:54:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 2:54:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 2:54:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 2:54:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 2:54:00 PM
Cyclohexane	2.3	0.52		ug/m3	1	9/5/2010 2:54:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 2:54:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/5/2010 2:54:00 PM
Ethylbenzene	0.84	0.66		ug/m3	1	9/5/2010 2:54:00 PM
Freon 11	4.2	0.86		ug/m3	1	9/5/2010 2:54:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL016-SS-05N
Lab Order:	C1008075	**Tag Number:**	237,249
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	38	12		ug/m3	10	9/6/2010 5:26:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 2:54:00 PM
Freon 12	3.4	0.75		ug/m3	1	9/5/2010 2:54:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/5/2010 2:54:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 2:54:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/5/2010 2:54:00 PM
Isopropyl alcohol	82	3.7	E	ug/m3	10	9/6/2010 5:26:00 AM
m&p-Xylene	2.5	1.3		ug/m3	1	9/5/2010 2:54:00 PM
Methyl Butyl Ketone	0.42	1.2	J	ug/m3	1	9/5/2010 2:54:00 PM
Methyl Ethyl Ketone	3.7	0.90		ug/m3	1	9/5/2010 2:54:00 PM
Methyl Isobutyl Ketone	1.6	1.2		ug/m3	1	9/5/2010 2:54:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 2:54:00 PM
Methylene chloride	0.71	0.53		ug/m3	1	9/5/2010 2:54:00 PM
o-Xylene	1.0	0.66		ug/m3	1	9/5/2010 2:54:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 2:54:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/5/2010 2:54:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/5/2010 2:54:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 2:54:00 PM
Toluene	4.6	0.57		ug/m3	1	9/5/2010 2:54:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 2:54:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 2:54:00 PM
Trichloroethene	71	8.2		ug/m3	10	9/6/2010 5:26:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 2:54:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 2:54:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/5/2010 2:54:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-SS-05N
Lab Order:	C1008075	**Tag Number:**	457,115
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,2,4-Trimethylbenzene	0.41	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,3,5-Trimethylbenzene	0.13	0.15	J	ppbV	1	9/6/2010 5:38:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 5:38:00 PM
2,2,4-trimethylpentane	0.13	0.15	J	ppbV	1	9/6/2010 5:38:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Acetone	9.2	0.30	E	ppbV	1	9/6/2010 5:38:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Benzene	0.21	0.15		ppbV	1	9/6/2010 5:38:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Carbon tetrachloride	0.11	0.15	J	ppbV	1	9/6/2010 5:38:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Chloromethane	0.37	0.15		ppbV	1	9/6/2010 5:38:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-SS-05N
Lab Order:	C1008075	**Tag Number:**	457,115
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.45	0.25		ppbV	1	9/6/2010 5:38:00 PM
Ethylbenzene	0.11	0.15	J	ppbV	1	9/6/2010 5:38:00 PM
Freon 11	0.30	0.15		ppbV	1	9/6/2010 5:38:00 PM
Freon 113	0.10	0.15	J	ppbV	1	9/6/2010 5:38:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Isopropyl alcohol	4.9	0.15	E	ppbV	1	9/6/2010 5:38:00 PM
m&p-Xylene	0.34	0.30		ppbV	1	9/6/2010 5:38:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 5:38:00 PM
Methyl Ethyl Ketone	0.46	0.30		ppbV	1	9/6/2010 5:38:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 5:38:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Methylene chloride	0.29	0.15		ppbV	1	9/6/2010 5:38:00 PM
o-Xylene	0.14	0.15	J	ppbV	1	9/6/2010 5:38:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Toluene	0.80	0.15		ppbV	1	9/6/2010 5:38:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Trichloroethene	0.26	0.15		ppbV	1	9/6/2010 5:38:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 5:38:00 PM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	9/6/2010 5:38:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-SS-05N
Lab Order:	C1008075	**Tag Number:**	457,115
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 5:38:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 5:38:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 5:38:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 5:38:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 5:38:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 5:38:00 PM
1,2,4-Trimethylbenzene	2.0	0.75		ug/m3	1	9/6/2010 5:38:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 5:38:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 5:38:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 5:38:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 5:38:00 PM
1,3,5-Trimethylbenzene	0.65	0.75	J	ug/m3	1	9/6/2010 5:38:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 5:38:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 5:38:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 5:38:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 5:38:00 PM
2,2,4-trimethylpentane	0.62	0.71	J	ug/m3	1	9/6/2010 5:38:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/6/2010 5:38:00 PM
Acetone	22	0.72	E	ug/m3	1	9/6/2010 5:38:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 5:38:00 PM
Benzene	0.68	0.49		ug/m3	1	9/6/2010 5:38:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 5:38:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 5:38:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 5:38:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 5:38:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 5:38:00 PM
Carbon tetrachloride	0.70	0.96	J	ug/m3	1	9/6/2010 5:38:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 5:38:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 5:38:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 5:38:00 PM
Chloromethane	0.78	0.31		ug/m3	1	9/6/2010 5:38:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 5:38:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 5:38:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 5:38:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 5:38:00 PM
Ethyl acetate	1.6	0.92		ug/m3	1	9/6/2010 5:38:00 PM
Ethylbenzene	0.49	0.66	J	ug/m3	1	9/6/2010 5:38:00 PM
Freon 11	1.7	0.86		ug/m3	1	9/6/2010 5:38:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-SS-05N
Lab Order:	C1008075	**Tag Number:**	457,115
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	0.78	1.2	J	ug/m3	1	9/6/2010 5:38:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 5:38:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 5:38:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 5:38:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 5:38:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 5:38:00 PM
Isopropyl alcohol	12	0.37	E	ug/m3	1	9/6/2010 5:38:00 PM
m&p-Xylene	1.5	1.3		ug/m3	1	9/6/2010 5:38:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 5:38:00 PM
Methyl Ethyl Ketone	1.4	0.90		ug/m3	1	9/6/2010 5:38:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 5:38:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 5:38:00 PM
Methylene chloride	1.0	0.53		ug/m3	1	9/6/2010 5:38:00 PM
o-Xylene	0.62	0.66	J	ug/m3	1	9/6/2010 5:38:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 5:38:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 5:38:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 5:38:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 5:38:00 PM
Toluene	3.1	0.57		ug/m3	1	9/6/2010 5:38:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 5:38:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 5:38:00 PM
Trichloroethene	1.4	0.82		ug/m3	1	9/6/2010 5:38:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 5:38:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 5:38:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 5:38:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-SS-05D
Lab Order:	C1008075	**Tag Number:**	427,272
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	2.2	0.75		ppbV	5	9/7/2010 5:08:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,2,4-Trimethylbenzene	0.62	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,3,5-Trimethylbenzene	0.17	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 6:14:00 PM
2,2,4-trimethylpentane	0.19	0.15		ppbV	1	9/6/2010 6:14:00 PM
4-ethyltoluene	0.10	0.15	J	ppbV	1	9/6/2010 6:14:00 PM
Acetone	13	1.5		ppbV	5	9/7/2010 5:08:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Benzene	0.31	0.15		ppbV	1	9/6/2010 6:14:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Carbon disulfide	0.12	0.15	J	ppbV	1	9/6/2010 6:14:00 PM
Carbon tetrachloride	0.11	0.15	J	ppbV	1	9/6/2010 6:14:00 PM
Chlorobenzene	2.2	0.75		ppbV	5	9/7/2010 5:08:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-SS-05D
Lab Order:	C1008075	**Tag Number:**	427,272
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.63	0.25		ppbV	1	9/6/2010 6:14:00 PM
Ethylbenzene	0.45	0.15		ppbV	1	9/6/2010 6:14:00 PM
Freon 11	0.39	0.15		ppbV	1	9/6/2010 6:14:00 PM
Freon 113	0.55	0.15		ppbV	1	9/6/2010 6:14:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Freon 12	0.62	0.15		ppbV	1	9/6/2010 6:14:00 PM
Heptane	0.34	0.15		ppbV	1	9/6/2010 6:14:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Isopropyl alcohol	40	0.75	E	ppbV	5	9/7/2010 5:08:00 AM
m&p-Xylene	1.5	0.30		ppbV	1	9/6/2010 6:14:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 6:14:00 PM
Methyl Ethyl Ketone	1.5	0.30		ppbV	1	9/6/2010 6:14:00 PM
Methyl Isobutyl Ketone	0.53	0.30		ppbV	1	9/6/2010 6:14:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Methylene chloride	0.28	0.15		ppbV	1	9/6/2010 6:14:00 PM
o-Xylene	0.53	0.15		ppbV	1	9/6/2010 6:14:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Styrene	0.25	0.15		ppbV	1	9/6/2010 6:14:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Toluene	5.0	0.75		ppbV	5	9/7/2010 5:08:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Trichloroethene	0.79	0.15		ppbV	1	9/6/2010 6:14:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 6:14:00 PM
Surr: Bromofluorobenzene	94.0	70-130		%REC	1	9/6/2010 6:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-SS-05D
Lab Order:	C1008075	**Tag Number:**	427,272
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	12	4.2		ug/m3	5	9/7/2010 5:08:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 6:14:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 6:14:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 6:14:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 6:14:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 6:14:00 PM
1,2,4-Trimethylbenzene	3.1	0.75		ug/m3	1	9/6/2010 6:14:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 6:14:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 6:14:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 6:14:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 6:14:00 PM
1,3,5-Trimethylbenzene	0.85	0.75		ug/m3	1	9/6/2010 6:14:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 6:14:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 6:14:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 6:14:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 6:14:00 PM
2,2,4-trimethylpentane	0.90	0.71		ug/m3	1	9/6/2010 6:14:00 PM
4-ethyltoluene	0.50	0.75	J	ug/m3	1	9/6/2010 6:14:00 PM
Acetone	32	3.6		ug/m3	5	9/7/2010 5:08:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 6:14:00 PM
Benzene	1.0	0.49		ug/m3	1	9/6/2010 6:14:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 6:14:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 6:14:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 6:14:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 6:14:00 PM
Carbon disulfide	0.38	0.47	J	ug/m3	1	9/6/2010 6:14:00 PM
Carbon tetrachloride	0.70	0.96	J	ug/m3	1	9/6/2010 6:14:00 PM
Chlorobenzene	10	3.5		ug/m3	5	9/7/2010 5:08:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 6:14:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 6:14:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 6:14:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 6:14:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 6:14:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 6:14:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 6:14:00 PM
Ethyl acetate	2.3	0.92		ug/m3	1	9/6/2010 6:14:00 PM
Ethylbenzene	2.0	0.66		ug/m3	1	9/6/2010 6:14:00 PM
Freon 11	2.2	0.86		ug/m3	1	9/6/2010 6:14:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-SS-05D
Lab Order:	C1008075	**Tag Number:**	427,272
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	4.3	1.2		ug/m3	1	9/6/2010 6:14:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 6:14:00 PM
Freon 12	3.1	0.75		ug/m3	1	9/6/2010 6:14:00 PM
Heptane	1.4	0.62		ug/m3	1	9/6/2010 6:14:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 6:14:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 6:14:00 PM
Isopropyl alcohol	100	1.9	E	ug/m3	5	9/7/2010 5:08:00 AM
m&p-Xylene	6.5	1.3		ug/m3	1	9/6/2010 6:14:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 6:14:00 PM
Methyl Ethyl Ketone	4.5	0.90		ug/m3	1	9/6/2010 6:14:00 PM
Methyl Isobutyl Ketone	2.2	1.2		ug/m3	1	9/6/2010 6:14:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 6:14:00 PM
Methylene chloride	0.99	0.53		ug/m3	1	9/6/2010 6:14:00 PM
o-Xylene	2.3	0.66		ug/m3	1	9/6/2010 6:14:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 6:14:00 PM
Styrene	1.1	0.65		ug/m3	1	9/6/2010 6:14:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/6/2010 6:14:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 6:14:00 PM
Toluene	19	2.9		ug/m3	5	9/7/2010 5:08:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 6:14:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 6:14:00 PM
Trichloroethene	4.3	0.82		ug/m3	1	9/6/2010 6:14:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 6:14:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 6:14:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 6:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-IA-05N
Lab Order:	C1008075	**Tag Number:**	193,384
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-9			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,2,4-Trimethylbenzene	0.67	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,3,5-Trimethylbenzene	0.23	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 3:29:00 PM
2,2,4-trimethylpentane	0.18	0.15		ppbV	1	9/5/2010 3:29:00 PM
4-ethyltoluene	0.12	0.15	J	ppbV	1	9/5/2010 3:29:00 PM
Acetone	14	0.30	E	ppbV	1	9/5/2010 3:29:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Benzene	0.22	0.15		ppbV	1	9/5/2010 3:29:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	9/5/2010 3:29:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-IA-05N
Lab Order:	C1008075	**Tag Number:**	193,384
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/5/2010 3:29:00 PM
Ethylbenzene	0.18	0.15		ppbV	1	9/5/2010 3:29:00 PM
Freon 11	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Heptane	0.37	0.15		ppbV	1	9/5/2010 3:29:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Isopropyl alcohol	19	0.15	E	ppbV	1	9/5/2010 3:29:00 PM
m&p-Xylene	0.54	0.30		ppbV	1	9/5/2010 3:29:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 3:29:00 PM
Methyl Ethyl Ketone	1.2	0.30		ppbV	1	9/5/2010 3:29:00 PM
Methyl Isobutyl Ketone	0.22	0.30	J	ppbV	1	9/5/2010 3:29:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
o-Xylene	0.22	0.15		ppbV	1	9/5/2010 3:29:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Toluene	1.4	0.15		ppbV	1	9/5/2010 3:29:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Trichloroethene	0.78	0.040		ppbV	1	9/5/2010 3:29:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 3:29:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 3:29:00 PM
Surr: Bromofluorobenzene	102	70-130		%REC	1	9/5/2010 3:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-IA-05N
Lab Order:	C1008075	**Tag Number:**	193,384
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 3:29:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 3:29:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 3:29:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 3:29:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 3:29:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 3:29:00 PM
1,2,4-Trimethylbenzene	3.3	0.75		ug/m3	1	9/5/2010 3:29:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 3:29:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 3:29:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 3:29:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 3:29:00 PM
1,3,5-Trimethylbenzene	1.1	0.75		ug/m3	1	9/5/2010 3:29:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 3:29:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 3:29:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 3:29:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 3:29:00 PM
2,2,4-trimethylpentane	0.85	0.71		ug/m3	1	9/5/2010 3:29:00 PM
4-ethyltoluene	0.60	0.75	J	ug/m3	1	9/5/2010 3:29:00 PM
Acetone	35	0.72	E	ug/m3	1	9/5/2010 3:29:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 3:29:00 PM
Benzene	0.71	0.49		ug/m3	1	9/5/2010 3:29:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 3:29:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 3:29:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 3:29:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 3:29:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 3:29:00 PM
Carbon tetrachloride	0.58	0.26		ug/m3	1	9/5/2010 3:29:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 3:29:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 3:29:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 3:29:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 3:29:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 3:29:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 3:29:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 3:29:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 3:29:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/5/2010 3:29:00 PM
Ethylbenzene	0.79	0.66		ug/m3	1	9/5/2010 3:29:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	9/5/2010 3:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL003-IA-05N
Lab Order:	C1008075	**Tag Number:**	193,384
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 3:29:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 3:29:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 3:29:00 PM
Heptane	1.5	0.62		ug/m3	1	9/5/2010 3:29:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 3:29:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/5/2010 3:29:00 PM
Isopropyl alcohol	48	0.37	E	ug/m3	1	9/5/2010 3:29:00 PM
m&p-Xylene	2.4	1.3		ug/m3	1	9/5/2010 3:29:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 3:29:00 PM
Methyl Ethyl Ketone	3.7	0.90		ug/m3	1	9/5/2010 3:29:00 PM
Methyl Isobutyl Ketone	0.92	1.2	J	ug/m3	1	9/5/2010 3:29:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 3:29:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 3:29:00 PM
o-Xylene	0.97	0.66		ug/m3	1	9/5/2010 3:29:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 3:29:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/5/2010 3:29:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/5/2010 3:29:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 3:29:00 PM
Toluene	5.4	0.57		ug/m3	1	9/5/2010 3:29:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 3:29:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 3:29:00 PM
Trichloroethene	4.3	0.22		ug/m3	1	9/5/2010 3:29:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 3:29:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 3:29:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 3:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL014-IA-05N
Lab Order:	C1008075	**Tag Number:**	360,301
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,2,4-Trimethylbenzene	0.73	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,3,5-Trimethylbenzene	0.22	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 4:05:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
4-ethyltoluene	0.12	0.15	J	ppbV	1	9/5/2010 4:05:00 PM
Acetone	38	1.5	E	ppbV	5	9/6/2010 8:05:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Benzene	0.23	0.15		ppbV	1	9/5/2010 4:05:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	9/5/2010 4:05:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL014-IA-05N
Lab Order:	C1008075	**Tag Number:**	360,301
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/5/2010 4:05:00 PM
Ethylbenzene	0.62	0.15		ppbV	1	9/5/2010 4:05:00 PM
Freon 11	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Isopropyl alcohol	25	0.75	E	ppbV	5	9/6/2010 8:05:00 AM
m&p-Xylene	2.0	0.30		ppbV	1	9/5/2010 4:05:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 4:05:00 PM
Methyl Ethyl Ketone	2.4	1.5		ppbV	5	9/6/2010 8:05:00 AM
Methyl Isobutyl Ketone	0.19	0.30	J	ppbV	1	9/5/2010 4:05:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
o-Xylene	0.38	0.15		ppbV	1	9/5/2010 4:05:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Tetrachloroethylene	0.12	0.15	J	ppbV	1	9/5/2010 4:05:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Toluene	4.9	0.75		ppbV	5	9/6/2010 8:05:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Trichloroethene	0.19	0.040		ppbV	1	9/5/2010 4:05:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 4:05:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 4:05:00 PM
Surr: Bromofluorobenzene	103	70-130		%REC	1	9/5/2010 4:05:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL014-IA-05N
Lab Order:	C1008075	**Tag Number:**	360,301
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 4:05:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 4:05:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 4:05:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 4:05:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 4:05:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 4:05:00 PM
1,2,4-Trimethylbenzene	3.6	0.75		ug/m3	1	9/5/2010 4:05:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 4:05:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 4:05:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 4:05:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 4:05:00 PM
1,3,5-Trimethylbenzene	1.1	0.75		ug/m3	1	9/5/2010 4:05:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 4:05:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 4:05:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 4:05:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 4:05:00 PM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	9/5/2010 4:05:00 PM
4-ethyltoluene	0.60	0.75	J	ug/m3	1	9/5/2010 4:05:00 PM
Acetone	93	3.6	E	ug/m3	5	9/6/2010 8:05:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 4:05:00 PM
Benzene	0.75	0.49		ug/m3	1	9/5/2010 4:05:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 4:05:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 4:05:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 4:05:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 4:05:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 4:05:00 PM
Carbon tetrachloride	0.58	0.26		ug/m3	1	9/5/2010 4:05:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 4:05:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 4:05:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 4:05:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 4:05:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 4:05:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 4:05:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 4:05:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 4:05:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/5/2010 4:05:00 PM
Ethylbenzene	2.7	0.66		ug/m3	1	9/5/2010 4:05:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	9/5/2010 4:05:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL014-IA-05N
Lab Order:	C1008075	**Tag Number:**	360,301
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 4:05:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 4:05:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 4:05:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/5/2010 4:05:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 4:05:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/5/2010 4:05:00 PM
Isopropyl alcohol	61	1.9	E	ug/m3	5	9/6/2010 8:05:00 AM
m&p-Xylene	8.7	1.3		ug/m3	1	9/5/2010 4:05:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 4:05:00 PM
Methyl Ethyl Ketone	7.0	4.5		ug/m3	5	9/6/2010 8:05:00 AM
Methyl Isobutyl Ketone	0.79	1.2	J	ug/m3	1	9/5/2010 4:05:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 4:05:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 4:05:00 PM
o-Xylene	1.7	0.66		ug/m3	1	9/5/2010 4:05:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 4:05:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/5/2010 4:05:00 PM
Tetrachloroethylene	0.83	1.0	J	ug/m3	1	9/5/2010 4:05:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 4:05:00 PM
Toluene	19	2.9		ug/m3	5	9/6/2010 8:05:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 4:05:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 4:05:00 PM
Trichloroethene	1.0	0.22		ug/m3	1	9/5/2010 4:05:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 4:05:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 4:05:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 4:05:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL014-SS-05N
Lab Order:	C1008075	**Tag Number:**	334,300
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-16			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	2.0	0.75		ppbV	5	9/7/2010 5:43:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,1-Dichloroethane	0.51	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,2,4-Trimethylbenzene	1.1	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,3,5-Trimethylbenzene	0.28	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 6:51:00 PM
2,2,4-trimethylpentane	0.28	0.15		ppbV	1	9/6/2010 6:51:00 PM
4-ethyltoluene	0.32	0.15		ppbV	1	9/6/2010 6:51:00 PM
Acetone	19	1.5	E	ppbV	5	9/7/2010 5:43:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Benzene	0.26	0.15		ppbV	1	9/6/2010 6:51:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Carbon disulfide	0.27	0.15		ppbV	1	9/6/2010 6:51:00 PM
Carbon tetrachloride	0.12	0.15	J	ppbV	1	9/6/2010 6:51:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Chloromethane	0.20	0.15		ppbV	1	9/6/2010 6:51:00 PM
cis-1,2-Dichloroethene	0.74	0.15		ppbV	1	9/6/2010 6:51:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Cyclohexane	0.98	0.15		ppbV	1	9/6/2010 6:51:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL014-SS-05N
Lab Order:	C1008075	**Tag Number:**	334,300
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.49	0.25		ppbV	1	9/6/2010 6:51:00 PM
Ethylbenzene	0.50	0.15		ppbV	1	9/6/2010 6:51:00 PM
Freon 11	0.44	0.15		ppbV	1	9/6/2010 6:51:00 PM
Freon 113	2.5	0.15		ppbV	1	9/6/2010 6:51:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Freon 12	0.53	0.15		ppbV	1	9/6/2010 6:51:00 PM
Heptane	0.35	0.15		ppbV	1	9/6/2010 6:51:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Hexane	0.55	0.15		ppbV	1	9/6/2010 6:51:00 PM
Isopropyl alcohol	39	0.75	E	ppbV	5	9/7/2010 5:43:00 AM
m&p-Xylene	1.7	0.30		ppbV	1	9/6/2010 6:51:00 PM
Methyl Butyl Ketone	0.13	0.30	J	ppbV	1	9/6/2010 6:51:00 PM
Methyl Ethyl Ketone	1.7	0.30		ppbV	1	9/6/2010 6:51:00 PM
Methyl Isobutyl Ketone	0.47	0.30		ppbV	1	9/6/2010 6:51:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Methylene chloride	0.57	0.15		ppbV	1	9/6/2010 6:51:00 PM
o-Xylene	0.54	0.15		ppbV	1	9/6/2010 6:51:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Tetrachloroethylene	0.21	0.15		ppbV	1	9/6/2010 6:51:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Toluene	2.4	0.75		ppbV	5	9/7/2010 5:43:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Trichloroethene	3.4	0.75		ppbV	5	9/7/2010 5:43:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 6:51:00 PM
Surr: Bromofluorobenzene	100	70-130		%REC	1	9/6/2010 6:51:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL014-SS-05N
Lab Order:	C1008075	**Tag Number:**	334,300
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	11	4.2		ug/m3	5	9/7/2010 5:43:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 6:51:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 6:51:00 PM
1,1-Dichloroethane	2.1	0.62		ug/m3	1	9/6/2010 6:51:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 6:51:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 6:51:00 PM
1,2,4-Trimethylbenzene	5.7	0.75		ug/m3	1	9/6/2010 6:51:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 6:51:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 6:51:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 6:51:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 6:51:00 PM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	9/6/2010 6:51:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 6:51:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 6:51:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 6:51:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 6:51:00 PM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	9/6/2010 6:51:00 PM
4-ethyltoluene	1.6	0.75		ug/m3	1	9/6/2010 6:51:00 PM
Acetone	46	3.6	E	ug/m3	5	9/7/2010 5:43:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 6:51:00 PM
Benzene	0.84	0.49		ug/m3	1	9/6/2010 6:51:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 6:51:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 6:51:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 6:51:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 6:51:00 PM
Carbon disulfide	0.85	0.47		ug/m3	1	9/6/2010 6:51:00 PM
Carbon tetrachloride	0.77	0.96	J	ug/m3	1	9/6/2010 6:51:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 6:51:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 6:51:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 6:51:00 PM
Chloromethane	0.42	0.31		ug/m3	1	9/6/2010 6:51:00 PM
cis-1,2-Dichloroethene	3.0	0.60		ug/m3	1	9/6/2010 6:51:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 6:51:00 PM
Cyclohexane	3.4	0.52		ug/m3	1	9/6/2010 6:51:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 6:51:00 PM
Ethyl acetate	1.8	0.92		ug/m3	1	9/6/2010 6:51:00 PM
Ethylbenzene	2.2	0.66		ug/m3	1	9/6/2010 6:51:00 PM
Freon 11	2.5	0.86		ug/m3	1	9/6/2010 6:51:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL014-SS-05N
Lab Order:	C1008075	**Tag Number:**	334,300
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	19	1.2		ug/m3	1	9/6/2010 6:51:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 6:51:00 PM
Freon 12	2.7	0.75		ug/m3	1	9/6/2010 6:51:00 PM
Heptane	1.5	0.62		ug/m3	1	9/6/2010 6:51:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 6:51:00 PM
Hexane	2.0	0.54		ug/m3	1	9/6/2010 6:51:00 PM
Isopropyl alcohol	97	1.9	E	ug/m3	5	9/7/2010 5:43:00 AM
m&p-Xylene	7.4	1.3		ug/m3	1	9/6/2010 6:51:00 PM
Methyl Butyl Ketone	0.54	1.2	J	ug/m3	1	9/6/2010 6:51:00 PM
Methyl Ethyl Ketone	5.1	0.90		ug/m3	1	9/6/2010 6:51:00 PM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	9/6/2010 6:51:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 6:51:00 PM
Methylene chloride	2.0	0.53		ug/m3	1	9/6/2010 6:51:00 PM
o-Xylene	2.4	0.66		ug/m3	1	9/6/2010 6:51:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 6:51:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 6:51:00 PM
Tetrachloroethylene	1.4	1.0		ug/m3	1	9/6/2010 6:51:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 6:51:00 PM
Toluene	9.2	2.9		ug/m3	5	9/7/2010 5:43:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 6:51:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 6:51:00 PM
Trichloroethene	19	4.1		ug/m3	5	9/7/2010 5:43:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 6:51:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 6:51:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 6:51:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL022-SS-05N
Lab Order:	C1008075	**Tag Number:**	159,109
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	14	6.0		ppbV	40	9/7/2010 6:53:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,2,4-Trimethylbenzene	0.60	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 7:27:00 PM
2,2,4-trimethylpentane	0.13	0.15	J	ppbV	1	9/6/2010 7:27:00 PM
4-ethyltoluene	0.12	0.15	J	ppbV	1	9/6/2010 7:27:00 PM
Acetone	20	12		ppbV	40	9/7/2010 6:53:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Benzene	0.20	0.15		ppbV	1	9/6/2010 7:27:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Carbon disulfide	0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Carbon tetrachloride	0.18	0.15		ppbV	1	9/6/2010 7:27:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Chloroform	0.48	0.15		ppbV	1	9/6/2010 7:27:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL022-SS-05N
Lab Order:	C1008075	**Tag Number:**	159,109
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethyl acetate	0.55	0.25		ppbV	1	9/6/2010 7:27:00 PM
Ethylbenzene	0.14	0.15	J	ppbV	1	9/6/2010 7:27:00 PM
Freon 11	1.8	0.15		ppbV	1	9/6/2010 7:27:00 PM
Freon 113	6.9	0.15		ppbV	1	9/6/2010 7:27:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Freon 12	0.72	0.15		ppbV	1	9/6/2010 7:27:00 PM
Heptane	0.28	0.15		ppbV	1	9/6/2010 7:27:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Isopropyl alcohol	36	6.0		ppbV	40	9/7/2010 6:53:00 AM
m&p-Xylene	0.42	0.30		ppbV	1	9/6/2010 7:27:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 7:27:00 PM
Methyl Ethyl Ketone	0.84	0.30		ppbV	1	9/6/2010 7:27:00 PM
Methyl Isobutyl Ketone	0.30	0.30		ppbV	1	9/6/2010 7:27:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
o-Xylene	0.18	0.15		ppbV	1	9/6/2010 7:27:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Tetrachloroethylene	0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Toluene	1.0	0.15		ppbV	1	9/6/2010 7:27:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Trichloroethene	70	6.0		ppbV	40	9/7/2010 6:53:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 7:27:00 PM
Surr: Bromofluorobenzene	97.0	70-130		%REC	1	9/6/2010 7:27:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL022-SS-05N
Lab Order:	C1008075	**Tag Number:**	159,109
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	78	33		ug/m3	40	9/7/2010 6:53:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 7:27:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 7:27:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 7:27:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 7:27:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 7:27:00 PM
1,2,4-Trimethylbenzene	3.0	0.75		ug/m3	1	9/6/2010 7:27:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 7:27:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 7:27:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 7:27:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 7:27:00 PM
1,3,5-Trimethylbenzene	0.90	0.75		ug/m3	1	9/6/2010 7:27:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 7:27:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 7:27:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 7:27:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 7:27:00 PM
2,2,4-trimethylpentane	0.62	0.71	J	ug/m3	1	9/6/2010 7:27:00 PM
4-ethyltoluene	0.60	0.75	J	ug/m3	1	9/6/2010 7:27:00 PM
Acetone	49	29		ug/m3	40	9/7/2010 6:53:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 7:27:00 PM
Benzene	0.65	0.49		ug/m3	1	9/6/2010 7:27:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 7:27:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 7:27:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 7:27:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 7:27:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	9/6/2010 7:27:00 PM
Carbon tetrachloride	1.2	0.96		ug/m3	1	9/6/2010 7:27:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 7:27:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 7:27:00 PM
Chloroform	2.4	0.74		ug/m3	1	9/6/2010 7:27:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 7:27:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 7:27:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 7:27:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 7:27:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 7:27:00 PM
Ethyl acetate	2.0	0.92		ug/m3	1	9/6/2010 7:27:00 PM
Ethylbenzene	0.62	0.66	J	ug/m3	1	9/6/2010 7:27:00 PM
Freon 11	10	0.86		ug/m3	1	9/6/2010 7:27:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL022-SS-05N
Lab Order:	C1008075	**Tag Number:**	159,109
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	54	1.2		ug/m3	1	9/6/2010 7:27:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 7:27:00 PM
Freon 12	3.6	0.75		ug/m3	1	9/6/2010 7:27:00 PM
Heptane	1.2	0.62		ug/m3	1	9/6/2010 7:27:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 7:27:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 7:27:00 PM
Isopropyl alcohol	90	15		ug/m3	40	9/7/2010 6:53:00 AM
m&p-Xylene	1.9	1.3		ug/m3	1	9/6/2010 7:27:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 7:27:00 PM
Methyl Ethyl Ketone	2.5	0.90		ug/m3	1	9/6/2010 7:27:00 PM
Methyl Isobutyl Ketone	1.2	1.2		ug/m3	1	9/6/2010 7:27:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 7:27:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 7:27:00 PM
o-Xylene	0.79	0.66		ug/m3	1	9/6/2010 7:27:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 7:27:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 7:27:00 PM
Tetrachloroethylene	1.0	1.0		ug/m3	1	9/6/2010 7:27:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 7:27:00 PM
Toluene	4.0	0.57		ug/m3	1	9/6/2010 7:27:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 7:27:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 7:27:00 PM
Trichloroethene	380	33		ug/m3	40	9/7/2010 6:53:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 7:27:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 7:27:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 7:27:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL022-IA-05N
Lab Order:	C1008075	**Tag Number:**	286,117
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-17			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,2,4-Trimethylbenzene	0.89	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,3,5-Trimethylbenzene	0.29	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 4:42:00 PM
2,2,4-trimethylpentane	0.20	0.15		ppbV	1	9/5/2010 4:42:00 PM
4-ethyltoluene	0.16	0.15		ppbV	1	9/5/2010 4:42:00 PM
Acetone	37	0.30	E	ppbV	1	9/5/2010 4:42:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Benzene	0.27	0.15		ppbV	1	9/5/2010 4:42:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	9/5/2010 4:42:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL022-IA-05N
Lab Order:	C1008075	**Tag Number:**	286,117
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.81	0.25		ppbV	1	9/5/2010 4:42:00 PM
Ethylbenzene	0.25	0.15		ppbV	1	9/5/2010 4:42:00 PM
Freon 11	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Isopropyl alcohol	49	0.15	E	ppbV	1	9/5/2010 4:42:00 PM
m&p-Xylene	0.82	0.30		ppbV	1	9/5/2010 4:42:00 PM
Methyl Butyl Ketone	0.24	0.30	J	ppbV	1	9/5/2010 4:42:00 PM
Methyl Ethyl Ketone	1.2	0.30		ppbV	1	9/5/2010 4:42:00 PM
Methyl Isobutyl Ketone	0.44	0.30		ppbV	1	9/5/2010 4:42:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
o-Xylene	0.33	0.15		ppbV	1	9/5/2010 4:42:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Styrene	0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Tetrachloroethylene	0.18	0.15		ppbV	1	9/5/2010 4:42:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Toluene	2.1	0.15		ppbV	1	9/5/2010 4:42:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Trichloroethene	0.55	0.040		ppbV	1	9/5/2010 4:42:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 4:42:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 4:42:00 PM
Surr: Bromofluorobenzene	88.0	70-130		%REC	1	9/5/2010 4:42:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL022-IA-05N
Lab Order:	C1008075	**Tag Number:**	286,117
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 4:42:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 4:42:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 4:42:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 4:42:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 4:42:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 4:42:00 PM
1,2,4-Trimethylbenzene	4.4	0.75		ug/m3	1	9/5/2010 4:42:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 4:42:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 4:42:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 4:42:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 4:42:00 PM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	9/5/2010 4:42:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 4:42:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 4:42:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 4:42:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 4:42:00 PM
2,2,4-trimethylpentane	0.95	0.71		ug/m3	1	9/5/2010 4:42:00 PM
4-ethyltoluene	0.80	0.75		ug/m3	1	9/5/2010 4:42:00 PM
Acetone	90	0.72	E	ug/m3	1	9/5/2010 4:42:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 4:42:00 PM
Benzene	0.88	0.49		ug/m3	1	9/5/2010 4:42:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 4:42:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 4:42:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 4:42:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 4:42:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 4:42:00 PM
Carbon tetrachloride	0.58	0.26		ug/m3	1	9/5/2010 4:42:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 4:42:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 4:42:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 4:42:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 4:42:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 4:42:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 4:42:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 4:42:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 4:42:00 PM
Ethyl acetate	3.0	0.92		ug/m3	1	9/5/2010 4:42:00 PM
Ethylbenzene	1.1	0.66		ug/m3	1	9/5/2010 4:42:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	9/5/2010 4:42:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL022-IA-05N
Lab Order:	C1008075	**Tag Number:**	286,117
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 4:42:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 4:42:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 4:42:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/5/2010 4:42:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 4:42:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/5/2010 4:42:00 PM
Isopropyl alcohol	120	0.37	E	ug/m3	1	9/5/2010 4:42:00 PM
m&p-Xylene	3.6	1.3		ug/m3	1	9/5/2010 4:42:00 PM
Methyl Butyl Ketone	1.0	1.2	J	ug/m3	1	9/5/2010 4:42:00 PM
Methyl Ethyl Ketone	3.6	0.90		ug/m3	1	9/5/2010 4:42:00 PM
Methyl Isobutyl Ketone	1.8	1.2		ug/m3	1	9/5/2010 4:42:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 4:42:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 4:42:00 PM
o-Xylene	1.5	0.66		ug/m3	1	9/5/2010 4:42:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 4:42:00 PM
Styrene	0.65	0.65		ug/m3	1	9/5/2010 4:42:00 PM
Tetrachloroethylene	1.2	1.0		ug/m3	1	9/5/2010 4:42:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 4:42:00 PM
Toluene	8.0	0.57		ug/m3	1	9/5/2010 4:42:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 4:42:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 4:42:00 PM
Trichloroethene	3.0	0.22		ug/m3	1	9/5/2010 4:42:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 4:42:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 4:42:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 4:42:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL111-IA-05N
Lab Order:	C1008075	**Tag Number:**	241,120
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-22			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,2,4-Trimethylbenzene	1.2	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,3,5-Trimethylbenzene	0.38	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 5:22:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
4-ethyltoluene	0.24	0.15		ppbV	1	9/5/2010 5:22:00 PM
Acetone	16	0.30	E	ppbV	1	9/5/2010 5:22:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Benzene	0.18	0.15		ppbV	1	9/5/2010 5:22:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Carbon tetrachloride	0.070	0.040		ppbV	1	9/5/2010 5:22:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL111-IA-05N
Lab Order:	C1008075	**Tag Number:**	241,120
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.99	0.25		ppbV	1	9/5/2010 5:22:00 PM
Ethylbenzene	0.17	0.15		ppbV	1	9/5/2010 5:22:00 PM
Freon 11	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Heptane	0.32	0.15		ppbV	1	9/5/2010 5:22:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Isopropyl alcohol	27	0.15	E	ppbV	1	9/5/2010 5:22:00 PM
m&p-Xylene	0.53	0.30		ppbV	1	9/5/2010 5:22:00 PM
Methyl Butyl Ketone	0.12	0.30	J	ppbV	1	9/5/2010 5:22:00 PM
Methyl Ethyl Ketone	1.2	0.30		ppbV	1	9/5/2010 5:22:00 PM
Methyl Isobutyl Ketone	0.33	0.30		ppbV	1	9/5/2010 5:22:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
o-Xylene	0.25	0.15		ppbV	1	9/5/2010 5:22:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Styrene	0.11	0.15	J	ppbV	1	9/5/2010 5:22:00 PM
Tetrachloroethylene	0.10	0.15	J	ppbV	1	9/5/2010 5:22:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Toluene	1.3	0.15		ppbV	1	9/5/2010 5:22:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Trichloroethene	0.96	0.040		ppbV	1	9/5/2010 5:22:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 5:22:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 5:22:00 PM
Surr: Bromofluorobenzene	95.0	70-130		%REC	1	9/5/2010 5:22:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
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Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL111-IA-05N
Lab Order:	C1008075	**Tag Number:**	241,120
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 5:22:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 5:22:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 5:22:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 5:22:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 5:22:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 5:22:00 PM
1,2,4-Trimethylbenzene	6.2	0.75		ug/m3	1	9/5/2010 5:22:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 5:22:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 5:22:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 5:22:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 5:22:00 PM
1,3,5-Trimethylbenzene	1.9	0.75		ug/m3	1	9/5/2010 5:22:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 5:22:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 5:22:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 5:22:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 5:22:00 PM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	9/5/2010 5:22:00 PM
4-ethyltoluene	1.2	0.75		ug/m3	1	9/5/2010 5:22:00 PM
Acetone	39	0.72	E	ug/m3	1	9/5/2010 5:22:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 5:22:00 PM
Benzene	0.58	0.49		ug/m3	1	9/5/2010 5:22:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 5:22:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 5:22:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 5:22:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 5:22:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 5:22:00 PM
Carbon tetrachloride	0.45	0.26		ug/m3	1	9/5/2010 5:22:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 5:22:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 5:22:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 5:22:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 5:22:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 5:22:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 5:22:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 5:22:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 5:22:00 PM
Ethyl acetate	3.6	0.92		ug/m3	1	9/5/2010 5:22:00 PM
Ethylbenzene	0.75	0.66		ug/m3	1	9/5/2010 5:22:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	9/5/2010 5:22:00 PM

Qualifiers:

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H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
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Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL111-IA-05N
Lab Order:	C1008075	**Tag Number:**	241,120
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				**Analyst: RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 5:22:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 5:22:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 5:22:00 PM
Heptane	1.3	0.62		ug/m3	1	9/5/2010 5:22:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 5:22:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/5/2010 5:22:00 PM
Isopropyl alcohol	67	0.37	E	ug/m3	1	9/5/2010 5:22:00 PM
m&p-Xylene	2.3	1.3		ug/m3	1	9/5/2010 5:22:00 PM
Methyl Butyl Ketone	0.50	1.2	J	ug/m3	1	9/5/2010 5:22:00 PM
Methyl Ethyl Ketone	3.4	0.90		ug/m3	1	9/5/2010 5:22:00 PM
Methyl Isobutyl Ketone	1.4	1.2		ug/m3	1	9/5/2010 5:22:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 5:22:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 5:22:00 PM
o-Xylene	1.1	0.66		ug/m3	1	9/5/2010 5:22:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 5:22:00 PM
Styrene	0.48	0.65	J	ug/m3	1	9/5/2010 5:22:00 PM
Tetrachloroethylene	0.69	1.0	J	ug/m3	1	9/5/2010 5:22:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 5:22:00 PM
Toluene	5.1	0.57		ug/m3	1	9/5/2010 5:22:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 5:22:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 5:22:00 PM
Trichloroethene	5.2	0.22		ug/m3	1	9/5/2010 5:22:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 5:22:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 5:22:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 5:22:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL111-SS-05N
Lab Order:	C1008075	**Tag Number:**	141,399
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	12	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,2,4-Trimethylbenzene	0.74	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 8:03:00 PM
2,2,4-trimethylpentane	0.18	0.15		ppbV	1	9/6/2010 8:03:00 PM
4-ethyltoluene	0.13	0.15	J	ppbV	1	9/6/2010 8:03:00 PM
Acetone	12	0.30	E	ppbV	1	9/6/2010 8:03:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Benzene	0.19	0.15		ppbV	1	9/6/2010 8:03:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Carbon tetrachloride	0.28	0.15		ppbV	1	9/6/2010 8:03:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL111-SS-05N
Lab Order:	C1008075	**Tag Number:**	141,399
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/6/2010 8:03:00 PM
Ethylbenzene	0.18	0.15		ppbV	1	9/6/2010 8:03:00 PM
Freon 11	1.9	0.15		ppbV	1	9/6/2010 8:03:00 PM
Freon 113	9.7	0.15	E	ppbV	1	9/6/2010 8:03:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Isopropyl alcohol	29	0.15	E	ppbV	1	9/6/2010 8:03:00 PM
m&p-Xylene	0.57	0.30		ppbV	1	9/6/2010 8:03:00 PM
Methyl Butyl Ketone	0.11	0.30	J	ppbV	1	9/6/2010 8:03:00 PM
Methyl Ethyl Ketone	0.95	0.30		ppbV	1	9/6/2010 8:03:00 PM
Methyl Isobutyl Ketone	0.38	0.30		ppbV	1	9/6/2010 8:03:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
o-Xylene	0.26	0.15		ppbV	1	9/6/2010 8:03:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Tetrachloroethylene	0.80	0.15		ppbV	1	9/6/2010 8:03:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Toluene	1.5	0.15		ppbV	1	9/6/2010 8:03:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Trichloroethene	10	0.15		ppbV	1	9/6/2010 8:03:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 8:03:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	9/6/2010 8:03:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL111-SS-05N
Lab Order:	C1008075	**Tag Number:**	141,399
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	64	0.83		ug/m3	1	9/6/2010 8:03:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 8:03:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 8:03:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 8:03:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 8:03:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 8:03:00 PM
1,2,4-Trimethylbenzene	3.7	0.75		ug/m3	1	9/6/2010 8:03:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 8:03:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 8:03:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 8:03:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 8:03:00 PM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	9/6/2010 8:03:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 8:03:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 8:03:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 8:03:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 8:03:00 PM
2,2,4-trimethylpentane	0.85	0.71		ug/m3	1	9/6/2010 8:03:00 PM
4-ethyltoluene	0.65	0.75	J	ug/m3	1	9/6/2010 8:03:00 PM
Acetone	29	0.72	E	ug/m3	1	9/6/2010 8:03:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 8:03:00 PM
Benzene	0.62	0.49		ug/m3	1	9/6/2010 8:03:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 8:03:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 8:03:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 8:03:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 8:03:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 8:03:00 PM
Carbon tetrachloride	1.8	0.96		ug/m3	1	9/6/2010 8:03:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 8:03:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 8:03:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2010 8:03:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 8:03:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 8:03:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 8:03:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 8:03:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 8:03:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/6/2010 8:03:00 PM
Ethylbenzene	0.79	0.66		ug/m3	1	9/6/2010 8:03:00 PM
Freon 11	11	0.86		ug/m3	1	9/6/2010 8:03:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL111-SS-05N
Lab Order:	C1008075	**Tag Number:**	141,399
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	76	1.2	E	ug/m3	1	9/6/2010 8:03:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 8:03:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/6/2010 8:03:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 8:03:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 8:03:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 8:03:00 PM
Isopropyl alcohol	72	0.37	E	ug/m3	1	9/6/2010 8:03:00 PM
m&p-Xylene	2.5	1.3		ug/m3	1	9/6/2010 8:03:00 PM
Methyl Butyl Ketone	0.46	1.2	J	ug/m3	1	9/6/2010 8:03:00 PM
Methyl Ethyl Ketone	2.8	0.90		ug/m3	1	9/6/2010 8:03:00 PM
Methyl Isobutyl Ketone	1.6	1.2		ug/m3	1	9/6/2010 8:03:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 8:03:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/6/2010 8:03:00 PM
o-Xylene	1.1	0.66		ug/m3	1	9/6/2010 8:03:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 8:03:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2010 8:03:00 PM
Tetrachloroethylene	5.5	1.0		ug/m3	1	9/6/2010 8:03:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 8:03:00 PM
Toluene	5.6	0.57		ug/m3	1	9/6/2010 8:03:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 8:03:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 8:03:00 PM
Trichloroethene	56	0.82		ug/m3	1	9/6/2010 8:03:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 8:03:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 8:03:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 8:03:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL030-IA-05N
Lab Order:	C1008075	**Tag Number:**	420,375
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-14			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,2,4-Trimethylbenzene	0.80	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,3,5-Trimethylbenzene	0.23	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 5:59:00 PM
2,2,4-trimethylpentane	0.18	0.15		ppbV	1	9/5/2010 5:59:00 PM
4-ethyltoluene	0.16	0.15		ppbV	1	9/5/2010 5:59:00 PM
Acetone	19	0.30	E	ppbV	1	9/5/2010 5:59:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Benzene	0.24	0.15		ppbV	1	9/5/2010 5:59:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	9/5/2010 5:59:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL030-IA-05N
Lab Order:	C1008075	**Tag Number:**	420,375
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.3	0.25		ppbV	1	9/5/2010 5:59:00 PM
Ethylbenzene	0.16	0.15		ppbV	1	9/5/2010 5:59:00 PM
Freon 11	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Heptane	0.35	0.15		ppbV	1	9/5/2010 5:59:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Isopropyl alcohol	13	0.15	E	ppbV	1	9/5/2010 5:59:00 PM
m&p-Xylene	0.51	0.30		ppbV	1	9/5/2010 5:59:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 5:59:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 5:59:00 PM
Methyl Isobutyl Ketone	0.20	0.30	J	ppbV	1	9/5/2010 5:59:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
o-Xylene	0.21	0.15		ppbV	1	9/5/2010 5:59:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Styrene	0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Toluene	1.5	0.15		ppbV	1	9/5/2010 5:59:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Trichloroethene	0.40	0.040		ppbV	1	9/5/2010 5:59:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 5:59:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 5:59:00 PM
Surr: Bromofluorobenzene	96.0	70-130		%REC	1	9/5/2010 5:59:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL030-IA-05N
Lab Order:	C1008075	**Tag Number:**	420,375
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 5:59:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 5:59:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 5:59:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 5:59:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 5:59:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 5:59:00 PM
1,2,4-Trimethylbenzene	4.0	0.75		ug/m3	1	9/5/2010 5:59:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 5:59:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 5:59:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 5:59:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 5:59:00 PM
1,3,5-Trimethylbenzene	1.1	0.75		ug/m3	1	9/5/2010 5:59:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 5:59:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 5:59:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 5:59:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 5:59:00 PM
2,2,4-trimethylpentane	0.85	0.71		ug/m3	1	9/5/2010 5:59:00 PM
4-ethyltoluene	0.80	0.75		ug/m3	1	9/5/2010 5:59:00 PM
Acetone	45	0.72	E	ug/m3	1	9/5/2010 5:59:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 5:59:00 PM
Benzene	0.78	0.49		ug/m3	1	9/5/2010 5:59:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 5:59:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 5:59:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 5:59:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 5:59:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 5:59:00 PM
Carbon tetrachloride	0.58	0.26		ug/m3	1	9/5/2010 5:59:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 5:59:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 5:59:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 5:59:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 5:59:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 5:59:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 5:59:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 5:59:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 5:59:00 PM
Ethyl acetate	4.7	0.92		ug/m3	1	9/5/2010 5:59:00 PM
Ethylbenzene	0.71	0.66		ug/m3	1	9/5/2010 5:59:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	9/5/2010 5:59:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL030-IA-05N
Lab Order:	C1008075	**Tag Number:**	420,375
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 5:59:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 5:59:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 5:59:00 PM
Heptane	1.5	0.62		ug/m3	1	9/5/2010 5:59:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 5:59:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/5/2010 5:59:00 PM
Isopropyl alcohol	34	0.37	E	ug/m3	1	9/5/2010 5:59:00 PM
m&p-Xylene	2.3	1.3		ug/m3	1	9/5/2010 5:59:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 5:59:00 PM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	9/5/2010 5:59:00 PM
Methyl Isobutyl Ketone	0.83	1.2	J	ug/m3	1	9/5/2010 5:59:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 5:59:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 5:59:00 PM
o-Xylene	0.93	0.66		ug/m3	1	9/5/2010 5:59:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 5:59:00 PM
Styrene	0.65	0.65		ug/m3	1	9/5/2010 5:59:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/5/2010 5:59:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 5:59:00 PM
Toluene	5.9	0.57		ug/m3	1	9/5/2010 5:59:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 5:59:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 5:59:00 PM
Trichloroethene	2.2	0.22		ug/m3	1	9/5/2010 5:59:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 5:59:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 5:59:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 5:59:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL030-SS-05N
Lab Order:	C1008075	**Tag Number:**	229,173
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	6.0	6.0		ppbV	40	9/7/2010 8:39:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,2,4-Trimethylbenzene	0.68	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,3,5-Trimethylbenzene	0.29	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 8:39:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
4-ethyltoluene	0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Acetone	14	12		ppbV	40	9/7/2010 8:39:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Benzene	0.12	0.15	J	ppbV	1	9/6/2010 8:39:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Carbon disulfide	0.14	0.15	J	ppbV	1	9/6/2010 8:39:00 PM
Carbon tetrachloride	0.45	0.15		ppbV	1	9/6/2010 8:39:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Chloroform	0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL030-SS-05N
Lab Order:	C1008075	**Tag Number:**	229,173
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				**Analyst: RJP**
Ethyl acetate	1.0	0.25		ppbV	1	9/6/2010 8:39:00 PM
Ethylbenzene	0.13	0.15	J	ppbV	1	9/6/2010 8:39:00 PM
Freon 11	7.2	6.0		ppbV	40	9/7/2010 8:39:00 AM
Freon 113	1.1	0.15		ppbV	1	9/6/2010 8:39:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Freon 12	0.50	0.15		ppbV	1	9/6/2010 8:39:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Isopropyl alcohol	15	6.0		ppbV	40	9/7/2010 8:39:00 AM
m&p-Xylene	0.45	0.30		ppbV	1	9/6/2010 8:39:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/6/2010 8:39:00 PM
Methyl Ethyl Ketone	0.62	0.30		ppbV	1	9/6/2010 8:39:00 PM
Methyl Isobutyl Ketone	0.19	0.30	J	ppbV	1	9/6/2010 8:39:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Methylene chloride	0.17	0.15		ppbV	1	9/6/2010 8:39:00 PM
o-Xylene	0.22	0.15		ppbV	1	9/6/2010 8:39:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Styrene	0.12	0.15	J	ppbV	1	9/6/2010 8:39:00 PM
Tetrachloroethylene	1.1	0.15		ppbV	1	9/6/2010 8:39:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Toluene	1.0	0.15		ppbV	1	9/6/2010 8:39:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Trichloroethene	110	6.0		ppbV	40	9/7/2010 8:39:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 8:39:00 PM
Surr: Bromofluorobenzene	97.0	70-130		%REC	1	9/6/2010 8:39:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL030-SS-05N
Lab Order:	C1008075	**Tag Number:**	229,173
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	33	33		ug/m3	40	9/7/2010 8:39:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 8:39:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 8:39:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 8:39:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 8:39:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 8:39:00 PM
1,2,4-Trimethylbenzene	3.4	0.75		ug/m3	1	9/6/2010 8:39:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 8:39:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 8:39:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 8:39:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 8:39:00 PM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	9/6/2010 8:39:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 8:39:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 8:39:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 8:39:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 8:39:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/6/2010 8:39:00 PM
4-ethyltoluene	0.75	0.75		ug/m3	1	9/6/2010 8:39:00 PM
Acetone	35	29		ug/m3	40	9/7/2010 8:39:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 8:39:00 PM
Benzene	0.39	0.49	J	ug/m3	1	9/6/2010 8:39:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 8:39:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 8:39:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 8:39:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 8:39:00 PM
Carbon disulfide	0.44	0.47	J	ug/m3	1	9/6/2010 8:39:00 PM
Carbon tetrachloride	2.9	0.96		ug/m3	1	9/6/2010 8:39:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 8:39:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 8:39:00 PM
Chloroform	0.74	0.74		ug/m3	1	9/6/2010 8:39:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 8:39:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 8:39:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 8:39:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 8:39:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 8:39:00 PM
Ethyl acetate	3.7	0.92		ug/m3	1	9/6/2010 8:39:00 PM
Ethylbenzene	0.57	0.66	J	ug/m3	1	9/6/2010 8:39:00 PM
Freon 11	41	34		ug/m3	40	9/7/2010 8:39:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL030-SS-05N
Lab Order:	C1008075	**Tag Number:**	229,173
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	8.7	1.2		ug/m3	1	9/6/2010 8:39:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 8:39:00 PM
Freon 12	2.5	0.75		ug/m3	1	9/6/2010 8:39:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2010 8:39:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 8:39:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2010 8:39:00 PM
Isopropyl alcohol	37	15		ug/m3	40	9/7/2010 8:39:00 AM
m&p-Xylene	2.0	1.3		ug/m3	1	9/6/2010 8:39:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2010 8:39:00 PM
Methyl Ethyl Ketone	1.9	0.90		ug/m3	1	9/6/2010 8:39:00 PM
Methyl Isobutyl Ketone	0.79	1.2	J	ug/m3	1	9/6/2010 8:39:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 8:39:00 PM
Methylene chloride	0.60	0.53		ug/m3	1	9/6/2010 8:39:00 PM
o-Xylene	0.97	0.66		ug/m3	1	9/6/2010 8:39:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 8:39:00 PM
Styrene	0.52	0.65	J	ug/m3	1	9/6/2010 8:39:00 PM
Tetrachloroethylene	7.4	1.0		ug/m3	1	9/6/2010 8:39:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 8:39:00 PM
Toluene	3.9	0.57		ug/m3	1	9/6/2010 8:39:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 8:39:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 8:39:00 PM
Trichloroethene	590	33		ug/m3	40	9/7/2010 8:39:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 8:39:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 8:39:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 8:39:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL101-IA-05N
Lab Order:	C1008075	**Tag Number:**	547,66
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,2,4-Trimethylbenzene	0.50	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/5/2010 6:35:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
4-ethyltoluene	0.47	0.15		ppbV	1	9/5/2010 6:35:00 PM
Acetone	11	0.30	E	ppbV	1	9/5/2010 6:35:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Benzene	0.21	0.15		ppbV	1	9/5/2010 6:35:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	9/5/2010 6:35:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL101-IA-05N
Lab Order:	C1008075	**Tag Number:**	547,66
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.65	0.25		ppbV	1	9/5/2010 6:35:00 PM
Ethylbenzene	0.19	0.15		ppbV	1	9/5/2010 6:35:00 PM
Freon 11	0.66	0.15		ppbV	1	9/5/2010 6:35:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Isopropyl alcohol	13	0.15	E	ppbV	1	9/5/2010 6:35:00 PM
m&p-Xylene	0.57	0.30		ppbV	1	9/5/2010 6:35:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/5/2010 6:35:00 PM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	9/5/2010 6:35:00 PM
Methyl Isobutyl Ketone	0.20	0.30	J	ppbV	1	9/5/2010 6:35:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
o-Xylene	0.23	0.15		ppbV	1	9/5/2010 6:35:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Styrene	0.11	0.15	J	ppbV	1	9/5/2010 6:35:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Toluene	1.4	0.15		ppbV	1	9/5/2010 6:35:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Trichloroethene	0.27	0.040		ppbV	1	9/5/2010 6:35:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/5/2010 6:35:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/5/2010 6:35:00 PM
Surr: Bromofluorobenzene	102	70-130		%REC	1	9/5/2010 6:35:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL101-IA-05N
Lab Order:	C1008075	**Tag Number:**	547,66
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 6:35:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/5/2010 6:35:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/5/2010 6:35:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 6:35:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 6:35:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/5/2010 6:35:00 PM
1,2,4-Trimethylbenzene	2.5	0.75		ug/m3	1	9/5/2010 6:35:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/5/2010 6:35:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 6:35:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/5/2010 6:35:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/5/2010 6:35:00 PM
1,3,5-Trimethylbenzene	0.90	0.75		ug/m3	1	9/5/2010 6:35:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/5/2010 6:35:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 6:35:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/5/2010 6:35:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/5/2010 6:35:00 PM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	9/5/2010 6:35:00 PM
4-ethyltoluene	2.3	0.75		ug/m3	1	9/5/2010 6:35:00 PM
Acetone	26	0.72	E	ug/m3	1	9/5/2010 6:35:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/5/2010 6:35:00 PM
Benzene	0.68	0.49		ug/m3	1	9/5/2010 6:35:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/5/2010 6:35:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/5/2010 6:35:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/5/2010 6:35:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/5/2010 6:35:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/5/2010 6:35:00 PM
Carbon tetrachloride	0.58	0.26		ug/m3	1	9/5/2010 6:35:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/5/2010 6:35:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/5/2010 6:35:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/5/2010 6:35:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/5/2010 6:35:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 6:35:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 6:35:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/5/2010 6:35:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/5/2010 6:35:00 PM
Ethyl acetate	2.4	0.92		ug/m3	1	9/5/2010 6:35:00 PM
Ethylbenzene	0.84	0.66		ug/m3	1	9/5/2010 6:35:00 PM
Freon 11	3.8	0.86		ug/m3	1	9/5/2010 6:35:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL101-IA-05N
Lab Order:	C1008075	**Tag Number:**	547,66
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/5/2010 6:35:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/5/2010 6:35:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/5/2010 6:35:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/5/2010 6:35:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/5/2010 6:35:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/5/2010 6:35:00 PM
Isopropyl alcohol	33	0.37	E	ug/m3	1	9/5/2010 6:35:00 PM
m&p-Xylene	2.5	1.3		ug/m3	1	9/5/2010 6:35:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/5/2010 6:35:00 PM
Methyl Ethyl Ketone	3.2	0.90		ug/m3	1	9/5/2010 6:35:00 PM
Methyl Isobutyl Ketone	0.83	1.2	J	ug/m3	1	9/5/2010 6:35:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/5/2010 6:35:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/5/2010 6:35:00 PM
o-Xylene	1.0	0.66		ug/m3	1	9/5/2010 6:35:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/5/2010 6:35:00 PM
Styrene	0.48	0.65	J	ug/m3	1	9/5/2010 6:35:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/5/2010 6:35:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/5/2010 6:35:00 PM
Toluene	5.2	0.57		ug/m3	1	9/5/2010 6:35:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/5/2010 6:35:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/5/2010 6:35:00 PM
Trichloroethene	1.5	0.22		ug/m3	1	9/5/2010 6:35:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/5/2010 6:35:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/5/2010 6:35:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/5/2010 6:35:00 PM

Qualifiers:

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H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL101-SS-05N
Lab Order:	C1008075	**Tag Number:**	85,279
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	16	3.0		ppbV	20	9/7/2010 9:14:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,2,4-Trimethylbenzene	0.62	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,3,5-Trimethylbenzene	0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/6/2010 9:15:00 PM
2,2,4-trimethylpentane	0.17	0.15		ppbV	1	9/6/2010 9:15:00 PM
4-ethyltoluene	0.36	0.15		ppbV	1	9/6/2010 9:15:00 PM
Acetone	27	6.0		ppbV	20	9/7/2010 9:14:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Benzene	0.28	0.15		ppbV	1	9/6/2010 9:15:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Carbon tetrachloride	0.46	0.15		ppbV	1	9/6/2010 9:15:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Chloroform	0.14	0.15	J	ppbV	1	9/6/2010 9:15:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL101-SS-05N
Lab Order:	C1008075	**Tag Number:**	85,279
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.58	0.25		ppbV	1	9/6/2010 9:15:00 PM
Ethylbenzene	0.18	0.15		ppbV	1	9/6/2010 9:15:00 PM
Freon 11	4.6	3.0		ppbV	20	9/7/2010 9:14:00 AM
Freon 113	13	3.0		ppbV	20	9/7/2010 9:14:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Freon 12	0.86	0.15		ppbV	1	9/6/2010 9:15:00 PM
Heptane	0.68	0.15		ppbV	1	9/6/2010 9:15:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Hexane	0.31	0.15		ppbV	1	9/6/2010 9:15:00 PM
Isopropyl alcohol	33	3.0		ppbV	20	9/7/2010 9:14:00 AM
m&p-Xylene	0.53	0.30		ppbV	1	9/6/2010 9:15:00 PM
Methyl Butyl Ketone	0.20	0.30	J	ppbV	1	9/6/2010 9:15:00 PM
Methyl Ethyl Ketone	1.3	0.30		ppbV	1	9/6/2010 9:15:00 PM
Methyl Isobutyl Ketone	0.40	0.30		ppbV	1	9/6/2010 9:15:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Methylene chloride	0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
o-Xylene	0.25	0.15		ppbV	1	9/6/2010 9:15:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Styrene	0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Tetrachloroethylene	0.13	0.15	J	ppbV	1	9/6/2010 9:15:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Toluene	1.5	0.15		ppbV	1	9/6/2010 9:15:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Trichloroethene	35	3.0		ppbV	20	9/7/2010 9:14:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/6/2010 9:15:00 PM
Surr: Bromofluorobenzene	102	70-130		%REC	1	9/6/2010 9:15:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
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Centek Laboratories

Analytical Report
Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL101-SS-05N
Lab Order:	C1008075	**Tag Number:**	85,279
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	89	17		ug/m3	20	9/7/2010 9:14:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2010 9:15:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2010 9:15:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 9:15:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 9:15:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2010 9:15:00 PM
1,2,4-Trimethylbenzene	3.1	0.75		ug/m3	1	9/6/2010 9:15:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2010 9:15:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 9:15:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2010 9:15:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2010 9:15:00 PM
1,3,5-Trimethylbenzene	0.75	0.75		ug/m3	1	9/6/2010 9:15:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2010 9:15:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 9:15:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2010 9:15:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2010 9:15:00 PM
2,2,4-trimethylpentane	0.81	0.71		ug/m3	1	9/6/2010 9:15:00 PM
4-ethyltoluene	1.8	0.75		ug/m3	1	9/6/2010 9:15:00 PM
Acetone	66	14		ug/m3	20	9/7/2010 9:14:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2010 9:15:00 PM
Benzene	0.91	0.49		ug/m3	1	9/6/2010 9:15:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2010 9:15:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2010 9:15:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2010 9:15:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2010 9:15:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2010 9:15:00 PM
Carbon tetrachloride	2.9	0.96		ug/m3	1	9/6/2010 9:15:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2010 9:15:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2010 9:15:00 PM
Chloroform	0.69	0.74	J	ug/m3	1	9/6/2010 9:15:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2010 9:15:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 9:15:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 9:15:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2010 9:15:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2010 9:15:00 PM
Ethyl acetate	2.1	0.92		ug/m3	1	9/6/2010 9:15:00 PM
Ethylbenzene	0.79	0.66		ug/m3	1	9/6/2010 9:15:00 PM
Freon 11	26	17		ug/m3	20	9/7/2010 9:14:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *16-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL101-SS-05N
Lab Order:	C1008075	**Tag Number:**	85,279
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008075-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	100	23		ug/m3	20	9/7/2010 9:14:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2010 9:15:00 PM
Freon 12	4.3	0.75		ug/m3	1	9/6/2010 9:15:00 PM
Heptane	2.8	0.62		ug/m3	1	9/6/2010 9:15:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2010 9:15:00 PM
Hexane	1.1	0.54		ug/m3	1	9/6/2010 9:15:00 PM
Isopropyl alcohol	83	7.5		ug/m3	20	9/7/2010 9:14:00 AM
m&p-Xylene	2.3	1.3		ug/m3	1	9/6/2010 9:15:00 PM
Methyl Butyl Ketone	0.83	1.2	J	ug/m3	1	9/6/2010 9:15:00 PM
Methyl Ethyl Ketone	3.9	0.90		ug/m3	1	9/6/2010 9:15:00 PM
Methyl Isobutyl Ketone	1.7	1.2		ug/m3	1	9/6/2010 9:15:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2010 9:15:00 PM
Methylene chloride	0.53	0.53		ug/m3	1	9/6/2010 9:15:00 PM
o-Xylene	1.1	0.66		ug/m3	1	9/6/2010 9:15:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2010 9:15:00 PM
Styrene	0.65	0.65		ug/m3	1	9/6/2010 9:15:00 PM
Tetrachloroethylene	0.90	1.0	J	ug/m3	1	9/6/2010 9:15:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2010 9:15:00 PM
Toluene	5.9	0.57		ug/m3	1	9/6/2010 9:15:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2010 9:15:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2010 9:15:00 PM
Trichloroethene	190	16		ug/m3	20	9/7/2010 9:14:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2010 9:15:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2010 9:15:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2010 9:15:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 1 OF 2

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-6
Address	Point of Contact / Phone No.		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	Site Contact / Phone No.		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL011	SL011-SS005N	8/27/10	2117/1850	AIR	425	263	1		___ 5ppbv
SL074	SL074-SS005N/MS/MSD	8/28/10	1041/0952		209	42	1		___ 1ug/M3
↓	SL074-IA005N		1042/0952		290	118	1		X 1ug/M3+TCE .25
↓	SL074-IA005D		1044/0952		567	281	1		
SL058	SL058-SS005N		1054/1000		223	436	1		Report Level
↓	SL058-IA005N		1055/1000		418	79	1		___ Level 1
SL069	SL069-IA005N		1102/1005		364	455	1		___ Level II
↓	SL069-SS005N		1102/1005		475	406	1		X Cat"B" Like
SL004	SL004-IA005N		1110/1011		214	400	1		
↓	SL004-SS005N		1110/1011		161	405	1		
SL106	SL106-IA005N		1121/1015		493	180	1		
↓	SL106-SS005N		1121/1015		232	339	1		
SL078	SL078-IA005N	↓	1137/1021	↓	463 4168*	403	1		

C1008074

	Relinquished By / Company	Date	Time	Received By/Company	Date	Time
1.	Reviewed by / AECOM	8/29/10	1600	1.	8/30/10	
2.		Date	Time	2.	Date	Time
3.		Date	Time	3.	Date	Time
4.		Date	Time	4.	Date	Time
5.		Date	Time	5.	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 2 OF 2

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-6
Address	Point of Contact / Phone No.		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	Site Contact / Phone No.		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL078	SL078-IA~~0~~5 D	8/28/10	1137 / 1021	AIR	421	446	1		___ 5ppbv
↓	SL078-SS~~0~~5 N	↓	1136 / 1021	↓	404	119	1		___ 1ug/M3
SL052	SL052-IA~~0~~5N		1147 / 1026		78	80	1		X 1ug/M3+TCE .25
SL084	SL084-SS~~0~~5N/MS/MSD	↓	1157 / 1031	↓	482	156	1		
									Report Level
									___ Level I
									___ Level II
			150 8/29/10						X Cat"B" Like

C1008074

	Date	Time		Date	Time
1. Relinquished By / Company	8/29/10	1600	1. Received By/Company	8/31/10	
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Centek Laboratories, LLC

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL011-SS-05N
Lab Order:	C1008074	**Tag Number:**	425,263
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008074-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-11			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	3.9	0.75		ppbV	5	9/3/2010 9:00:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,1-Dichloroethane	0.29	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,2,4-Trimethylbenzene	1.0	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,3,5-Trimethylbenzene	0.35	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 7:40:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
4-ethyltoluene	0.17	0.15		ppbV	1	9/1/2010 7:40:00 AM
Acetone	10	1.5		ppbV	5	9/3/2010 9:00:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Benzene	0.14	0.15	J	ppbV	1	9/1/2010 7:40:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Carbon disulfide	0.17	0.15		ppbV	1	9/1/2010 7:40:00 AM
Carbon tetrachloride	0.060	0.15	J	ppbV	1	9/1/2010 7:40:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Chloroform	0.18	0.15		ppbV	1	9/1/2010 7:40:00 AM
Chloromethane	0.76	0.15		ppbV	1	9/1/2010 7:40:00 AM
cis-1,2-Dichloroethene	2.0	0.15		ppbV	1	9/1/2010 7:40:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Cyclohexane	0.14	0.15	J	ppbV	1	9/1/2010 7:40:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL011-SS-05N
Lab Order:	C1008074	**Tag Number:**	425,263
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008074-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 7:40:00 AM
Ethylbenzene	0.29	0.15		ppbV	1	9/1/2010 7:40:00 AM
Freon 11	8.8	6.0		ppbV	40	9/2/2010 8:13:00 AM
Freon 113	6.8	0.75		ppbV	5	9/3/2010 9:00:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Freon 12	0.32	0.15		ppbV	1	9/1/2010 7:40:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Hexane	0.55	0.15		ppbV	1	9/1/2010 7:40:00 AM
Isopropyl alcohol	21	6.0		ppbV	40	9/2/2010 8:13:00 AM
m&p-Xylene	0.72	0.30		ppbV	1	9/1/2010 7:40:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 7:40:00 AM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	9/1/2010 7:40:00 AM
Methyl Isobutyl Ketone	0.26	0.30	J	ppbV	1	9/1/2010 7:40:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Methylene chloride	0.72	0.15		ppbV	1	9/1/2010 7:40:00 AM
o-Xylene	0.31	0.15		ppbV	1	9/1/2010 7:40:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Styrene	0.11	0.15	J	ppbV	1	9/1/2010 7:40:00 AM
Tetrachloroethylene	1.9	0.15		ppbV	1	9/1/2010 7:40:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Toluene	1.7	0.15		ppbV	1	9/1/2010 7:40:00 AM
trans-1,2-Dichloroethene	0.14	0.15	J	ppbV	1	9/1/2010 7:40:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Trichloroethene	30	6.0		ppbV	40	9/2/2010 8:13:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:40:00 AM
Surr: Bromofluorobenzene	104	70-130		%REC	1	9/1/2010 7:40:00 AM

Qualifiers:				
	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL011-SS-05N
Lab Order:	C1008074	**Tag Number:**	425,263
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008074-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	22	4.2		ug/m3	5	9/3/2010 9:00:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:40:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 7:40:00 AM
1,1-Dichloroethane	1.2	0.62		ug/m3	1	9/1/2010 7:40:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:40:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 7:40:00 AM
1,2,4-Trimethylbenzene	5.2	0.75		ug/m3	1	9/1/2010 7:40:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 7:40:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:40:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 7:40:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 7:40:00 AM
1,3,5-Trimethylbenzene	1.7	0.75		ug/m3	1	9/1/2010 7:40:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 7:40:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:40:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:40:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 7:40:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 7:40:00 AM
4-ethyltoluene	0.85	0.75		ug/m3	1	9/1/2010 7:40:00 AM
Acetone	25	3.6		ug/m3	5	9/3/2010 9:00:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 7:40:00 AM
Benzene	0.45	0.49	J	ug/m3	1	9/1/2010 7:40:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 7:40:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:40:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 7:40:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 7:40:00 AM
Carbon disulfide	0.54	0.47		ug/m3	1	9/1/2010 7:40:00 AM
Carbon tetrachloride	0.38	0.96	J	ug/m3	1	9/1/2010 7:40:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 7:40:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 7:40:00 AM
Chloroform	0.89	0.74		ug/m3	1	9/1/2010 7:40:00 AM
Chloromethane	1.6	0.31		ug/m3	1	9/1/2010 7:40:00 AM
cis-1,2-Dichloroethene	8.0	0.60		ug/m3	1	9/1/2010 7:40:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:40:00 AM
Cyclohexane	0.49	0.52	J	ug/m3	1	9/1/2010 7:40:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 7:40:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 7:40:00 AM
Ethylbenzene	1.3	0.66		ug/m3	1	9/1/2010 7:40:00 AM
Freon 11	50	34		ug/m3	40	9/2/2010 8:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL011-SS-05N
Lab Order:	C1008074	**Tag Number:**	425,263
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008074-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	53	5.8		ug/m3	5	9/3/2010 9:00:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 7:40:00 AM
Freon 12	1.6	0.75		ug/m3	1	9/1/2010 7:40:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 7:40:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 7:40:00 AM
Hexane	2.0	0.54		ug/m3	1	9/1/2010 7:40:00 AM
Isopropyl alcohol	53	15		ug/m3	40	9/2/2010 8:13:00 AM
m&p-Xylene	3.2	1.3		ug/m3	1	9/1/2010 7:40:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 7:40:00 AM
Methyl Ethyl Ketone	3.2	0.90		ug/m3	1	9/1/2010 7:40:00 AM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	9/1/2010 7:40:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 7:40:00 AM
Methylene chloride	2.5	0.53		ug/m3	1	9/1/2010 7:40:00 AM
o-Xylene	1.4	0.66		ug/m3	1	9/1/2010 7:40:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 7:40:00 AM
Styrene	0.48	0.65	J	ug/m3	1	9/1/2010 7:40:00 AM
Tetrachloroethylene	13	1.0		ug/m3	1	9/1/2010 7:40:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 7:40:00 AM
Toluene	6.5	0.57		ug/m3	1	9/1/2010 7:40:00 AM
trans-1,2-Dichloroethene	0.56	0.60	J	ug/m3	1	9/1/2010 7:40:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:40:00 AM
Trichloroethene	160	33		ug/m3	40	9/2/2010 8:13:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 7:40:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 7:40:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 7:40:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-SS-05N
Lab Order:	C1008074	**Tag Number:**	209,42
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-6			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **LL**
1,1,1-Trichloroethane	0.40	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,2,4-Trimethylbenzene	0.34	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,3,5-Trimethylbenzene	0.17	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 3:00:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Acetone	5.7	0.30	E	ppbV	1	9/1/2010 3:00:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Benzene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Carbon disulfide	0.17	0.15		ppbV	1	9/1/2010 3:00:00 PM
Carbon tetrachloride	0.050	0.15	J	ppbV	1	9/1/2010 3:00:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-SS-05N
Lab Order:	C1008074	**Tag Number:**	209,42
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 3:00:00 PM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Freon 11	0.35	0.15		ppbV	1	9/1/2010 3:00:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Freon 12	0.30	0.15		ppbV	1	9/1/2010 3:00:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Hexane	0.26	0.15		ppbV	1	9/1/2010 3:00:00 PM
Isopropyl alcohol	23	0.15	E	ppbV	1	9/1/2010 3:00:00 PM
m&p-Xylene	0.19	0.30	J	ppbV	1	9/1/2010 3:00:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 3:00:00 PM
Methyl Ethyl Ketone	0.36	0.30		ppbV	1	9/1/2010 3:00:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 3:00:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Methylene chloride	0.16	0.15		ppbV	1	9/1/2010 3:00:00 PM
o-Xylene	0.10	0.15	J	ppbV	1	9/1/2010 3:00:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Toluene	0.60	0.15		ppbV	1	9/1/2010 3:00:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Trichloroethene	0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:00:00 PM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/1/2010 3:00:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-SS-05N
Lab Order:	C1008074	**Tag Number:**	209,42
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	2.2	0.83		ug/m3	1	9/1/2010 3:00:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 3:00:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 3:00:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 3:00:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:00:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 3:00:00 PM
1,2,4-Trimethylbenzene	1.7	0.75		ug/m3	1	9/1/2010 3:00:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 3:00:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:00:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 3:00:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 3:00:00 PM
1,3,5-Trimethylbenzene	0.85	0.75		ug/m3	1	9/1/2010 3:00:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 3:00:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:00:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:00:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 3:00:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 3:00:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 3:00:00 PM
Acetone	14	0.72	E	ug/m3	1	9/1/2010 3:00:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 3:00:00 PM
Benzene	< 0.49	0.49		ug/m3	1	9/1/2010 3:00:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 3:00:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 3:00:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 3:00:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 3:00:00 PM
Carbon disulfide	0.54	0.47		ug/m3	1	9/1/2010 3:00:00 PM
Carbon tetrachloride	0.32	0.96	J	ug/m3	1	9/1/2010 3:00:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 3:00:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 3:00:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 3:00:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 3:00:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:00:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 3:00:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/1/2010 3:00:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 3:00:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 3:00:00 PM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/1/2010 3:00:00 PM
Freon 11	2.0	0.86		ug/m3	1	9/1/2010 3:00:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-SS-05N
Lab Order:	C1008074	**Tag Number:**	209,42
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	9/1/2010 3:00:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 3:00:00 PM
Freon 12	1.5	0.75		ug/m3	1	9/1/2010 3:00:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 3:00:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 3:00:00 PM
Hexane	0.93	0.54		ug/m3	1	9/1/2010 3:00:00 PM
Isopropyl alcohol	56	0.37	E	ug/m3	1	9/1/2010 3:00:00 PM
m&p-Xylene	0.84	1.3	J	ug/m3	1	9/1/2010 3:00:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 3:00:00 PM
Methyl Ethyl Ketone	1.1	0.90		ug/m3	1	9/1/2010 3:00:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 3:00:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 3:00:00 PM
Methylene chloride	0.56	0.53		ug/m3	1	9/1/2010 3:00:00 PM
o-Xylene	0.44	0.66	J	ug/m3	1	9/1/2010 3:00:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 3:00:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 3:00:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 3:00:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 3:00:00 PM
Toluene	2.3	0.57		ug/m3	1	9/1/2010 3:00:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:00:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 3:00:00 PM
Trichloroethene	0.82	0.82		ug/m3	1	9/1/2010 3:00:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 3:00:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 3:00:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 3:00:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-IA-05N
Lab Order:	C1008074	**Tag Number:**	290,118
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,2,4-Trimethylbenzene	0.84	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,3,5-Trimethylbenzene	0.31	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 5:48:00 AM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	8/31/2010 5:48:00 AM
4-ethyltoluene	0.16	0.15		ppbV	1	8/31/2010 5:48:00 AM
Acetone	12	0.30	E	ppbV	1	8/31/2010 5:48:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Benzene	0.16	0.15		ppbV	1	8/31/2010 5:48:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Carbon disulfide	0.17	0.15		ppbV	1	8/31/2010 5:48:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 5:48:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-IA-05N
Lab Order:	C1008074	**Tag Number:**	290,118
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	0.58	0.25		ppbV	1	8/31/2010 5:48:00 AM
Ethylbenzene	0.26	0.15		ppbV	1	8/31/2010 5:48:00 AM
Freon 11	0.44	0.15		ppbV	1	8/31/2010 5:48:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Heptane	0.26	0.15		ppbV	1	8/31/2010 5:48:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Hexane	1.1	0.15		ppbV	1	8/31/2010 5:48:00 AM
Isopropyl alcohol	7.4	0.15	E	ppbV	1	8/31/2010 5:48:00 AM
m&p-Xylene	0.73	0.30		ppbV	1	8/31/2010 5:48:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 5:48:00 AM
Methyl Ethyl Ketone	1.7	0.30		ppbV	1	8/31/2010 5:48:00 AM
Methyl Isobutyl Ketone	0.41	0.30		ppbV	1	8/31/2010 5:48:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Methylene chloride	0.30	0.15		ppbV	1	8/31/2010 5:48:00 AM
o-Xylene	0.31	0.15		ppbV	1	8/31/2010 5:48:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Styrene	0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Toluene	1.6	0.15		ppbV	1	8/31/2010 5:48:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Trichloroethene	0.15	0.040		ppbV	1	8/31/2010 5:48:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 5:48:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 5:48:00 AM
Surr: Bromofluorobenzene	107	70-130		%REC	1	8/31/2010 5:48:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-IA-05N
Lab Order:	C1008074	**Tag Number:**	290,118
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 5:48:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 5:48:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 5:48:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 5:48:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:48:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 5:48:00 AM
1,2,4-Trimethylbenzene	4.2	0.75		ug/m3	1	8/31/2010 5:48:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 5:48:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:48:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 5:48:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 5:48:00 AM
1,3,5-Trimethylbenzene	1.5	0.75		ug/m3	1	8/31/2010 5:48:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 5:48:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:48:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:48:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 5:48:00 AM
2,2,4-trimethylpentane	0.66	0.71	J	ug/m3	1	8/31/2010 5:48:00 AM
4-ethyltoluene	0.80	0.75		ug/m3	1	8/31/2010 5:48:00 AM
Acetone	28	0.72	E	ug/m3	1	8/31/2010 5:48:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 5:48:00 AM
Benzene	0.52	0.49		ug/m3	1	8/31/2010 5:48:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 5:48:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 5:48:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 5:48:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 5:48:00 AM
Carbon disulfide	0.54	0.47		ug/m3	1	8/31/2010 5:48:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 5:48:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 5:48:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 5:48:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 5:48:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 5:48:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:48:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 5:48:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 5:48:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 5:48:00 AM
Ethyl acetate	2.1	0.92		ug/m3	1	8/31/2010 5:48:00 AM
Ethylbenzene	1.1	0.66		ug/m3	1	8/31/2010 5:48:00 AM
Freon 11	2.5	0.86		ug/m3	1	8/31/2010 5:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-IA-05N
Lab Order:	C1008074	**Tag Number:**	290,118
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 5:48:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 5:48:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 5:48:00 AM
Heptane	1.1	0.62		ug/m3	1	8/31/2010 5:48:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 5:48:00 AM
Hexane	3.9	0.54		ug/m3	1	8/31/2010 5:48:00 AM
Isopropyl alcohol	19	0.37	E	ug/m3	1	8/31/2010 5:48:00 AM
m&p-Xylene	3.2	1.3		ug/m3	1	8/31/2010 5:48:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 5:48:00 AM
Methyl Ethyl Ketone	5.0	0.90		ug/m3	1	8/31/2010 5:48:00 AM
Methyl Isobutyl Ketone	1.7	1.2		ug/m3	1	8/31/2010 5:48:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 5:48:00 AM
Methylene chloride	1.1	0.53		ug/m3	1	8/31/2010 5:48:00 AM
o-Xylene	1.4	0.66		ug/m3	1	8/31/2010 5:48:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 5:48:00 AM
Styrene	0.65	0.65		ug/m3	1	8/31/2010 5:48:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 5:48:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 5:48:00 AM
Toluene	6.2	0.57		ug/m3	1	8/31/2010 5:48:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:48:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 5:48:00 AM
Trichloroethene	0.82	0.22		ug/m3	1	8/31/2010 5:48:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 5:48:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 5:48:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 5:48:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-IA-05D
Lab Order:	C1008074	**Tag Number:**	567,281
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,2,4-Trimethylbenzene	0.21	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,3,5-Trimethylbenzene	0.10	0.15	J	ppbV	1	8/31/2010 6:25:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 6:25:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Acetone	5.6	0.30	E	ppbV	1	8/31/2010 6:25:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Benzene	0.14	0.15	J	ppbV	1	8/31/2010 6:25:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Carbon disulfide	0.16	0.15		ppbV	1	8/31/2010 6:25:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 6:25:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-IA-05D
Lab Order:	C1008074	**Tag Number:**	567,281
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 6:25:00 AM
Ethylbenzene	0.10	0.15	J	ppbV	1	8/31/2010 6:25:00 AM
Freon 11	0.37	0.15		ppbV	1	8/31/2010 6:25:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Heptane	0.26	0.15		ppbV	1	8/31/2010 6:25:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Hexane	0.49	0.15		ppbV	1	8/31/2010 6:25:00 AM
Isopropyl alcohol	1.3	0.15		ppbV	1	8/31/2010 6:25:00 AM
m&p-Xylene	0.26	0.30	J	ppbV	1	8/31/2010 6:25:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 6:25:00 AM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 6:25:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 6:25:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Methylene chloride	0.24	0.15		ppbV	1	8/31/2010 6:25:00 AM
o-Xylene	0.12	0.15	J	ppbV	1	8/31/2010 6:25:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Toluene	0.74	0.15		ppbV	1	8/31/2010 6:25:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Trichloroethene	0.11	0.040		ppbV	1	8/31/2010 6:25:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 6:25:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 6:25:00 AM
Surr: Bromofluorobenzene	94.0	70-130		%REC	1	8/31/2010 6:25:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-IA-05D
Lab Order:	C1008074	**Tag Number:**	567,281
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 6:25:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 6:25:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 6:25:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 6:25:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:25:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 6:25:00 AM
1,2,4-Trimethylbenzene	1.0	0.75		ug/m3	1	8/31/2010 6:25:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 6:25:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 6:25:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 6:25:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 6:25:00 AM
1,3,5-Trimethylbenzene	0.50	0.75	J	ug/m3	1	8/31/2010 6:25:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 6:25:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 6:25:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 6:25:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 6:25:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 6:25:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 6:25:00 AM
Acetone	14	0.72	E	ug/m3	1	8/31/2010 6:25:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 6:25:00 AM
Benzene	0.45	0.49	J	ug/m3	1	8/31/2010 6:25:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 6:25:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 6:25:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 6:25:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 6:25:00 AM
Carbon disulfide	0.51	0.47		ug/m3	1	8/31/2010 6:25:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 6:25:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 6:25:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 6:25:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 6:25:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 6:25:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:25:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 6:25:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 6:25:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 6:25:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 6:25:00 AM
Ethylbenzene	0.44	0.66	J	ug/m3	1	8/31/2010 6:25:00 AM
Freon 11	2.1	0.86		ug/m3	1	8/31/2010 6:25:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL074-IA-05D
Lab Order:	C1008074	**Tag Number:**	567,281
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 6:25:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 6:25:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 6:25:00 AM
Heptane	1.1	0.62		ug/m3	1	8/31/2010 6:25:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 6:25:00 AM
Hexane	1.8	0.54		ug/m3	1	8/31/2010 6:25:00 AM
Isopropyl alcohol	3.2	0.37		ug/m3	1	8/31/2010 6:25:00 AM
m&p-Xylene	1.1	1.3	J	ug/m3	1	8/31/2010 6:25:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 6:25:00 AM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/31/2010 6:25:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 6:25:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 6:25:00 AM
Methylene chloride	0.85	0.53		ug/m3	1	8/31/2010 6:25:00 AM
o-Xylene	0.53	0.66	J	ug/m3	1	8/31/2010 6:25:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 6:25:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 6:25:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 6:25:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 6:25:00 AM
Toluene	2.8	0.57		ug/m3	1	8/31/2010 6:25:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:25:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 6:25:00 AM
Trichloroethene	0.60	0.22		ug/m3	1	8/31/2010 6:25:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 6:25:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 6:25:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 6:25:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL058-SS-05N
Lab Order:	C1008074	**Tag Number:**	223,436
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **LL**
1,1,1-Trichloroethane	0.95	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,2,4-Trimethylbenzene	0.36	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,3,5-Trimethylbenzene	0.17	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 8:14:00 AM
2,2,4-trimethylpentane	0.10	0.15	J	ppbV	1	9/1/2010 8:14:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Acetone	6.5	0.30	E	ppbV	1	9/1/2010 8:14:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Benzene	0.11	0.15	J	ppbV	1	9/1/2010 8:14:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Carbon disulfide	0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Carbon tetrachloride	0.040	0.15	J	ppbV	1	9/1/2010 8:14:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Cyclohexane	0.11	0.15	J	ppbV	1	9/1/2010 8:14:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL058-SS-05N
Lab Order:	C1008074	**Tag Number:**	223,436
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.29	0.25		ppbV	1	9/1/2010 8:14:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Freon 11	0.33	0.15		ppbV	1	9/1/2010 8:14:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Freon 12	0.25	0.15		ppbV	1	9/1/2010 8:14:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Hexane	0.22	0.15		ppbV	1	9/1/2010 8:14:00 AM
Isopropyl alcohol	27	0.15	E	ppbV	1	9/1/2010 8:14:00 AM
m&p-Xylene	0.23	0.30	J	ppbV	1	9/1/2010 8:14:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 8:14:00 AM
Methyl Ethyl Ketone	0.53	0.30		ppbV	1	9/1/2010 8:14:00 AM
Methyl Isobutyl Ketone	0.15	0.30	J	ppbV	1	9/1/2010 8:14:00 AM
Methyl tert-butyl ether	0.21	0.15		ppbV	1	9/1/2010 8:14:00 AM
Methylene chloride	0.18	0.15		ppbV	1	9/1/2010 8:14:00 AM
o-Xylene	0.11	0.15	J	ppbV	1	9/1/2010 8:14:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Toluene	0.76	0.15		ppbV	1	9/1/2010 8:14:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Trichloroethene	0.14	0.15	J	ppbV	1	9/1/2010 8:14:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 8:14:00 AM
Surr: Bromofluorobenzene	100	70-130		%REC	1	9/1/2010 8:14:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL058-SS-05N
Lab Order:	C1008074	**Tag Number:**	223,436
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	5.3	0.83		ug/m3	1	9/1/2010 8:14:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 8:14:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 8:14:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 8:14:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:14:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 8:14:00 AM
1,2,4-Trimethylbenzene	1.8	0.75		ug/m3	1	9/1/2010 8:14:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 8:14:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:14:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 8:14:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 8:14:00 AM
1,3,5-Trimethylbenzene	0.85	0.75		ug/m3	1	9/1/2010 8:14:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 8:14:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:14:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:14:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 8:14:00 AM
2,2,4-trimethylpentane	0.47	0.71	J	ug/m3	1	9/1/2010 8:14:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 8:14:00 AM
Acetone	16	0.72	E	ug/m3	1	9/1/2010 8:14:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 8:14:00 AM
Benzene	0.36	0.49	J	ug/m3	1	9/1/2010 8:14:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 8:14:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 8:14:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 8:14:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 8:14:00 AM
Carbon disulfide	0.47	0.47		ug/m3	1	9/1/2010 8:14:00 AM
Carbon tetrachloride	0.26	0.96	J	ug/m3	1	9/1/2010 8:14:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 8:14:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 8:14:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 8:14:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 8:14:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:14:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 8:14:00 AM
Cyclohexane	0.38	0.52	J	ug/m3	1	9/1/2010 8:14:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 8:14:00 AM
Ethyl acetate	1.1	0.92		ug/m3	1	9/1/2010 8:14:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/1/2010 8:14:00 AM
Freon 11	1.9	0.86		ug/m3	1	9/1/2010 8:14:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL058-SS-05N
Lab Order:	C1008074	**Tag Number:**	223,436
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	9/1/2010 8:14:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 8:14:00 AM
Freon 12	1.3	0.75		ug/m3	1	9/1/2010 8:14:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 8:14:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 8:14:00 AM
Hexane	0.79	0.54		ug/m3	1	9/1/2010 8:14:00 AM
Isopropyl alcohol	67	0.37	E	ug/m3	1	9/1/2010 8:14:00 AM
m&p-Xylene	1.0	1.3	J	ug/m3	1	9/1/2010 8:14:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 8:14:00 AM
Methyl Ethyl Ketone	1.6	0.90		ug/m3	1	9/1/2010 8:14:00 AM
Methyl Isobutyl Ketone	0.62	1.2	J	ug/m3	1	9/1/2010 8:14:00 AM
Methyl tert-butyl ether	0.77	0.55		ug/m3	1	9/1/2010 8:14:00 AM
Methylene chloride	0.64	0.53		ug/m3	1	9/1/2010 8:14:00 AM
o-Xylene	0.49	0.66	J	ug/m3	1	9/1/2010 8:14:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 8:14:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 8:14:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 8:14:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 8:14:00 AM
Toluene	2.9	0.57		ug/m3	1	9/1/2010 8:14:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:14:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 8:14:00 AM
Trichloroethene	0.76	0.82	J	ug/m3	1	9/1/2010 8:14:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 8:14:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 8:14:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 8:14:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL058-IA-05N
Lab Order:	C1008074	**Tag Number:**	418,79
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,2,4-Trimethylbenzene	0.22	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,3,5-Trimethylbenzene	0.14	0.15	J	ppbV	1	8/31/2010 7:01:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 7:01:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Acetone	8.1	0.30	E	ppbV	1	8/31/2010 7:01:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Benzene	0.13	0.15	J	ppbV	1	8/31/2010 7:01:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Carbon disulfide	0.16	0.15		ppbV	1	8/31/2010 7:01:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 7:01:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Chloromethane	0.26	0.15		ppbV	1	8/31/2010 7:01:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL058-IA-05N
Lab Order:	C1008074	**Tag Number:**	418,79
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	1.3	0.25		ppbV	1	8/31/2010 7:01:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Freon 11	0.41	0.15		ppbV	1	8/31/2010 7:01:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Freon 12	0.36	0.15		ppbV	1	8/31/2010 7:01:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Hexane	0.44	0.15		ppbV	1	8/31/2010 7:01:00 AM
Isopropyl alcohol	1.4	0.15		ppbV	1	8/31/2010 7:01:00 AM
m&p-Xylene	0.15	0.30	J	ppbV	1	8/31/2010 7:01:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 7:01:00 AM
Methyl Ethyl Ketone	0.33	0.30		ppbV	1	8/31/2010 7:01:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 7:01:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Methylene chloride	0.47	0.15		ppbV	1	8/31/2010 7:01:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Toluene	0.57	0.15		ppbV	1	8/31/2010 7:01:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Trichloroethene	0.080	0.040		ppbV	1	8/31/2010 7:01:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 7:01:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 7:01:00 AM
Surr: Bromofluorobenzene	93.0	70-130		%REC	1	8/31/2010 7:01:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL058-IA-05N
Lab Order:	C1008074	**Tag Number:**	418,79
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 7:01:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 7:01:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 7:01:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 7:01:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:01:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 7:01:00 AM
1,2,4-Trimethylbenzene	1.1	0.75		ug/m3	1	8/31/2010 7:01:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 7:01:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:01:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 7:01:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 7:01:00 AM
1,3,5-Trimethylbenzene	0.70	0.75	J	ug/m3	1	8/31/2010 7:01:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 7:01:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:01:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:01:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 7:01:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 7:01:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 7:01:00 AM
Acetone	20	0.72	E	ug/m3	1	8/31/2010 7:01:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 7:01:00 AM
Benzene	0.42	0.49	J	ug/m3	1	8/31/2010 7:01:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 7:01:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 7:01:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 7:01:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 7:01:00 AM
Carbon disulfide	0.51	0.47		ug/m3	1	8/31/2010 7:01:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 7:01:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 7:01:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 7:01:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 7:01:00 AM
Chloromethane	0.55	0.31		ug/m3	1	8/31/2010 7:01:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:01:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 7:01:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 7:01:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 7:01:00 AM
Ethyl acetate	4.6	0.92		ug/m3	1	8/31/2010 7:01:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	8/31/2010 7:01:00 AM
Freon 11	2.3	0.86		ug/m3	1	8/31/2010 7:01:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL058-IA-05N
Lab Order:	C1008074	**Tag Number:**	418,79
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 7:01:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 7:01:00 AM
Freon 12	1.8	0.75		ug/m3	1	8/31/2010 7:01:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 7:01:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 7:01:00 AM
Hexane	1.6	0.54		ug/m3	1	8/31/2010 7:01:00 AM
Isopropyl alcohol	3.6	0.37		ug/m3	1	8/31/2010 7:01:00 AM
m&p-Xylene	0.66	1.3	J	ug/m3	1	8/31/2010 7:01:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 7:01:00 AM
Methyl Ethyl Ketone	0.99	0.90		ug/m3	1	8/31/2010 7:01:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 7:01:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 7:01:00 AM
Methylene chloride	1.7	0.53		ug/m3	1	8/31/2010 7:01:00 AM
o-Xylene	< 0.66	0.66		ug/m3	1	8/31/2010 7:01:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 7:01:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 7:01:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 7:01:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 7:01:00 AM
Toluene	2.2	0.57		ug/m3	1	8/31/2010 7:01:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:01:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 7:01:00 AM
Trichloroethene	0.44	0.22		ug/m3	1	8/31/2010 7:01:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 7:01:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 7:01:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 7:01:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL069-IA-05N
Lab Order:	C1008074	**Tag Number:**	364,455
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-11			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,2,4-Trimethylbenzene	1.4	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,3,5-Trimethylbenzene	0.39	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 7:36:00 AM
2,2,4-trimethylpentane	0.19	0.15		ppbV	1	8/31/2010 7:36:00 AM
4-ethyltoluene	0.26	0.15		ppbV	1	8/31/2010 7:36:00 AM
Acetone	12	1.5	E	ppbV	5	8/31/2010 3:07:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Benzene	0.23	0.15		ppbV	1	8/31/2010 7:36:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Carbon disulfide	0.35	0.15		ppbV	1	8/31/2010 7:36:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 7:36:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
cis-1,2-Dichloroethene	0.11	0.15	J	ppbV	1	8/31/2010 7:36:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Cyclohexane	0.25	0.15		ppbV	1	8/31/2010 7:36:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL069-IA-05N
Lab Order:	C1008074	**Tag Number:**	364,455
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	0.80	0.25		ppbV	1	8/31/2010 7:36:00 AM
Ethylbenzene	0.54	0.15		ppbV	1	8/31/2010 7:36:00 AM
Freon 11	1.0	0.15		ppbV	1	8/31/2010 7:36:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Heptane	0.23	0.15		ppbV	1	8/31/2010 7:36:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Hexane	1.2	0.75		ppbV	5	8/31/2010 3:07:00 PM
Isopropyl alcohol	5.7	0.75		ppbV	5	8/31/2010 3:07:00 PM
m&p-Xylene	1.6	0.30		ppbV	1	8/31/2010 7:36:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 7:36:00 AM
Methyl Ethyl Ketone	2.3	0.30		ppbV	1	8/31/2010 7:36:00 AM
Methyl Isobutyl Ketone	0.43	0.30		ppbV	1	8/31/2010 7:36:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Methylene chloride	0.41	0.15		ppbV	1	8/31/2010 7:36:00 AM
o-Xylene	0.62	0.15		ppbV	1	8/31/2010 7:36:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Styrene	0.30	0.15		ppbV	1	8/31/2010 7:36:00 AM
Tetrachloroethylene	0.12	0.15	J	ppbV	1	8/31/2010 7:36:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Toluene	2.3	0.75		ppbV	5	8/31/2010 3:07:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Trichloroethene	0.25	0.040		ppbV	1	8/31/2010 7:36:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 7:36:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 7:36:00 AM
Surr: Bromofluorobenzene	111	70-130		%REC	1	8/31/2010 7:36:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL069-IA-05N
Lab Order:	C1008074	**Tag Number:**	364,455
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 7:36:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 7:36:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 7:36:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 7:36:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:36:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 7:36:00 AM
1,2,4-Trimethylbenzene	6.9	0.75		ug/m3	1	8/31/2010 7:36:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 7:36:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:36:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 7:36:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 7:36:00 AM
1,3,5-Trimethylbenzene	1.9	0.75		ug/m3	1	8/31/2010 7:36:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 7:36:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:36:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:36:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 7:36:00 AM
2,2,4-trimethylpentane	0.90	0.71		ug/m3	1	8/31/2010 7:36:00 AM
4-ethyltoluene	1.3	0.75		ug/m3	1	8/31/2010 7:36:00 AM
Acetone	28	3.6	E	ug/m3	5	8/31/2010 3:07:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 7:36:00 AM
Benzene	0.75	0.49		ug/m3	1	8/31/2010 7:36:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 7:36:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 7:36:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 7:36:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 7:36:00 AM
Carbon disulfide	1.1	0.47		ug/m3	1	8/31/2010 7:36:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 7:36:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 7:36:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 7:36:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 7:36:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 7:36:00 AM
cis-1,2-Dichloroethene	0.44	0.60	J	ug/m3	1	8/31/2010 7:36:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 7:36:00 AM
Cyclohexane	0.87	0.52		ug/m3	1	8/31/2010 7:36:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 7:36:00 AM
Ethyl acetate	2.9	0.92		ug/m3	1	8/31/2010 7:36:00 AM
Ethylbenzene	2.4	0.66		ug/m3	1	8/31/2010 7:36:00 AM
Freon 11	5.8	0.86		ug/m3	1	8/31/2010 7:36:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL069-IA-05N
Lab Order:	C1008074	**Tag Number:**	364,455
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 7:36:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 7:36:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 7:36:00 AM
Heptane	0.96	0.62		ug/m3	1	8/31/2010 7:36:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 7:36:00 AM
Hexane	4.5	2.7		ug/m3	5	8/31/2010 3:07:00 PM
Isopropyl alcohol	14	1.9		ug/m3	5	8/31/2010 3:07:00 PM
m&p-Xylene	7.1	1.3		ug/m3	1	8/31/2010 7:36:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 7:36:00 AM
Methyl Ethyl Ketone	7.0	0.90		ug/m3	1	8/31/2010 7:36:00 AM
Methyl Isobutyl Ketone	1.8	1.2		ug/m3	1	8/31/2010 7:36:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 7:36:00 AM
Methylene chloride	1.4	0.53		ug/m3	1	8/31/2010 7:36:00 AM
o-Xylene	2.7	0.66		ug/m3	1	8/31/2010 7:36:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 7:36:00 AM
Styrene	1.3	0.65		ug/m3	1	8/31/2010 7:36:00 AM
Tetrachloroethylene	0.83	1.0	J	ug/m3	1	8/31/2010 7:36:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 7:36:00 AM
Toluene	8.8	2.9		ug/m3	5	8/31/2010 3:07:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:36:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 7:36:00 AM
Trichloroethene	1.4	0.22		ug/m3	1	8/31/2010 7:36:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 7:36:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 7:36:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 7:36:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL069-SS-05N
Lab Order:	C1008074	**Tag Number:**	475,406
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	0.62	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,2,4-Trimethylbenzene	0.44	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,3,5-Trimethylbenzene	0.23	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 8:50:00 AM
2,2,4-trimethylpentane	0.18	0.15		ppbV	1	9/1/2010 8:50:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Acetone	6.4	0.30	E	ppbV	1	9/1/2010 8:50:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Benzene	0.14	0.15	J	ppbV	1	9/1/2010 8:50:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Carbon disulfide	0.11	0.15	J	ppbV	1	9/1/2010 8:50:00 AM
Carbon tetrachloride	0.050	0.15	J	ppbV	1	9/1/2010 8:50:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Cyclohexane	0.14	0.15	J	ppbV	1	9/1/2010 8:50:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL069-SS-05N
Lab Order:	C1008074	**Tag Number:**	475,406
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.24	0.25	J	ppbV	1	9/1/2010 8:50:00 AM
Ethylbenzene	0.13	0.15	J	ppbV	1	9/1/2010 8:50:00 AM
Freon 11	0.35	0.15		ppbV	1	9/1/2010 8:50:00 AM
Freon 113	0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Freon 12	0.24	0.15		ppbV	1	9/1/2010 8:50:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Hexane	0.37	0.15		ppbV	1	9/1/2010 8:50:00 AM
Isopropyl alcohol	32	0.15	E	ppbV	1	9/1/2010 8:50:00 AM
m&p-Xylene	0.36	0.30		ppbV	1	9/1/2010 8:50:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 8:50:00 AM
Methyl Ethyl Ketone	0.57	0.30		ppbV	1	9/1/2010 8:50:00 AM
Methyl Isobutyl Ketone	0.25	0.30	J	ppbV	1	9/1/2010 8:50:00 AM
Methyl tert-butyl ether	0.36	0.15		ppbV	1	9/1/2010 8:50:00 AM
Methylene chloride	0.19	0.15		ppbV	1	9/1/2010 8:50:00 AM
o-Xylene	0.20	0.15		ppbV	1	9/1/2010 8:50:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Toluene	1.1	0.15		ppbV	1	9/1/2010 8:50:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Trichloroethene	0.20	0.15		ppbV	1	9/1/2010 8:50:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 8:50:00 AM
Surr: Bromofluorobenzene	93.0	70-130		%REC	1	9/1/2010 8:50:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL069-SS-05N
Lab Order:	C1008074	**Tag Number:**	475,406
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	3.4	0.83		ug/m3	1	9/1/2010 8:50:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 8:50:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 8:50:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 8:50:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:50:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 8:50:00 AM
1,2,4-Trimethylbenzene	2.2	0.75		ug/m3	1	9/1/2010 8:50:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 8:50:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:50:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 8:50:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 8:50:00 AM
1,3,5-Trimethylbenzene	1.1	0.75		ug/m3	1	9/1/2010 8:50:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 8:50:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:50:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:50:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 8:50:00 AM
2,2,4-trimethylpentane	0.85	0.71		ug/m3	1	9/1/2010 8:50:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 8:50:00 AM
Acetone	15	0.72	E	ug/m3	1	9/1/2010 8:50:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 8:50:00 AM
Benzene	0.45	0.49	J	ug/m3	1	9/1/2010 8:50:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 8:50:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 8:50:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 8:50:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 8:50:00 AM
Carbon disulfide	0.35	0.47	J	ug/m3	1	9/1/2010 8:50:00 AM
Carbon tetrachloride	0.32	0.96	J	ug/m3	1	9/1/2010 8:50:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 8:50:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 8:50:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 8:50:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 8:50:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:50:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 8:50:00 AM
Cyclohexane	0.49	0.52	J	ug/m3	1	9/1/2010 8:50:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 8:50:00 AM
Ethyl acetate	0.88	0.92	J	ug/m3	1	9/1/2010 8:50:00 AM
Ethylbenzene	0.57	0.66	J	ug/m3	1	9/1/2010 8:50:00 AM
Freon 11	2.0	0.86		ug/m3	1	9/1/2010 8:50:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL069-SS-05N
Lab Order:	C1008074	**Tag Number:**	475,406
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	1.2	1.2		ug/m3	1	9/1/2010 8:50:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 8:50:00 AM
Freon 12	1.2	0.75		ug/m3	1	9/1/2010 8:50:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 8:50:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 8:50:00 AM
Hexane	1.3	0.54		ug/m3	1	9/1/2010 8:50:00 AM
Isopropyl alcohol	79	0.37	E	ug/m3	1	9/1/2010 8:50:00 AM
m&p-Xylene	1.6	1.3		ug/m3	1	9/1/2010 8:50:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 8:50:00 AM
Methyl Ethyl Ketone	1.7	0.90		ug/m3	1	9/1/2010 8:50:00 AM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	9/1/2010 8:50:00 AM
Methyl tert-butyl ether	1.3	0.55		ug/m3	1	9/1/2010 8:50:00 AM
Methylene chloride	0.67	0.53		ug/m3	1	9/1/2010 8:50:00 AM
o-Xylene	0.88	0.66		ug/m3	1	9/1/2010 8:50:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 8:50:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 8:50:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 8:50:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 8:50:00 AM
Toluene	4.1	0.57		ug/m3	1	9/1/2010 8:50:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:50:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 8:50:00 AM
Trichloroethene	1.1	0.82		ug/m3	1	9/1/2010 8:50:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 8:50:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 8:50:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 8:50:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL004-IA-05N
Lab Order:	C1008074	**Tag Number:**	214,400
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,2,4-Trimethylbenzene	0.84	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,3,5-Trimethylbenzene	0.31	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
1,4-Dichlorobenzene	0.12	0.15	J	ppbV	1	8/31/2010 6:47:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 6:47:00 PM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	8/31/2010 6:47:00 PM
4-ethyltoluene	0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Acetone	10	1.5		ppbV	5	8/31/2010 8:37:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Benzene	0.11	0.15	J	ppbV	1	8/31/2010 6:47:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Carbon disulfide	0.14	0.15	J	ppbV	1	8/31/2010 6:47:00 PM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 6:47:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Chloromethane	0.19	0.15		ppbV	1	8/31/2010 6:47:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Cyclohexane	0.10	0.15	J	ppbV	1	8/31/2010 6:47:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL004-IA-05N
Lab Order:	C1008074	**Tag Number:**	214,400
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 6:47:00 PM
Ethylbenzene	0.26	0.15		ppbV	1	8/31/2010 6:47:00 PM
Freon 11	0.36	0.15		ppbV	1	8/31/2010 6:47:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Hexane	0.49	0.15		ppbV	1	8/31/2010 6:47:00 PM
Isopropyl alcohol	15	0.75	E	ppbV	5	8/31/2010 8:37:00 PM
m&p-Xylene	0.75	0.30		ppbV	1	8/31/2010 6:47:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 6:47:00 PM
Methyl Ethyl Ketone	1.2	0.30		ppbV	1	8/31/2010 6:47:00 PM
Methyl Isobutyl Ketone	0.21	0.30	J	ppbV	1	8/31/2010 6:47:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Methylene chloride	0.18	0.15		ppbV	1	8/31/2010 6:47:00 PM
o-Xylene	0.34	0.15		ppbV	1	8/31/2010 6:47:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Styrene	0.18	0.15		ppbV	1	8/31/2010 6:47:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Toluene	1.7	0.15		ppbV	1	8/31/2010 6:47:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Trichloroethene	0.090	0.040		ppbV	1	8/31/2010 6:47:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 6:47:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 6:47:00 PM
Surr: Bromofluorobenzene	101	70-130		%REC	1	8/31/2010 6:47:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL004-IA-05N
Lab Order:	C1008074	**Tag Number:**	214,400
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 6:47:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 6:47:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 6:47:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 6:47:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:47:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 6:47:00 PM
1,2,4-Trimethylbenzene	4.2	0.75		ug/m3	1	8/31/2010 6:47:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 6:47:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 6:47:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 6:47:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 6:47:00 PM
1,3,5-Trimethylbenzene	1.5	0.75		ug/m3	1	8/31/2010 6:47:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 6:47:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 6:47:00 PM
1,4-Dichlorobenzene	0.73	0.92	J	ug/m3	1	8/31/2010 6:47:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 6:47:00 PM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	8/31/2010 6:47:00 PM
4-ethyltoluene	0.75	0.75		ug/m3	1	8/31/2010 6:47:00 PM
Acetone	25	3.6		ug/m3	5	8/31/2010 8:37:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 6:47:00 PM
Benzene	0.36	0.49	J	ug/m3	1	8/31/2010 6:47:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 6:47:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 6:47:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 6:47:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 6:47:00 PM
Carbon disulfide	0.44	0.47	J	ug/m3	1	8/31/2010 6:47:00 PM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 6:47:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 6:47:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 6:47:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 6:47:00 PM
Chloromethane	0.40	0.31		ug/m3	1	8/31/2010 6:47:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:47:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 6:47:00 PM
Cyclohexane	0.35	0.52	J	ug/m3	1	8/31/2010 6:47:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 6:47:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 6:47:00 PM
Ethylbenzene	1.1	0.66		ug/m3	1	8/31/2010 6:47:00 PM
Freon 11	2.1	0.86		ug/m3	1	8/31/2010 6:47:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL004-IA-05N
Lab Order:	C1008074	**Tag Number:**	214,400
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 6:47:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 6:47:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 6:47:00 PM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 6:47:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 6:47:00 PM
Hexane	1.8	0.54		ug/m3	1	8/31/2010 6:47:00 PM
Isopropyl alcohol	38	1.9	E	ug/m3	5	8/31/2010 8:37:00 PM
m&p-Xylene	3.3	1.3		ug/m3	1	8/31/2010 6:47:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 6:47:00 PM
Methyl Ethyl Ketone	3.7	0.90		ug/m3	1	8/31/2010 6:47:00 PM
Methyl Isobutyl Ketone	0.87	1.2	J	ug/m3	1	8/31/2010 6:47:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 6:47:00 PM
Methylene chloride	0.64	0.53		ug/m3	1	8/31/2010 6:47:00 PM
o-Xylene	1.5	0.66		ug/m3	1	8/31/2010 6:47:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 6:47:00 PM
Styrene	0.78	0.65		ug/m3	1	8/31/2010 6:47:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 6:47:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 6:47:00 PM
Toluene	6.4	0.57		ug/m3	1	8/31/2010 6:47:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:47:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 6:47:00 PM
Trichloroethene	0.49	0.22		ug/m3	1	8/31/2010 6:47:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 6:47:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 6:47:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 6:47:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL004-SS-05N
Lab Order:	C1008074	**Tag Number:**	161,405
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	64	6.0		ppbV	40	9/2/2010 9:20:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,1-Dichloroethane	0.39	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,2,4-Trimethylbenzene	0.36	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,3,5-Trimethylbenzene	0.20	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 9:25:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Acetone	6.7	3.0		ppbV	10	9/2/2010 8:47:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Benzene	0.13	0.15	J	ppbV	1	9/1/2010 9:25:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Carbon disulfide	0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Carbon tetrachloride	0.27	0.15		ppbV	1	9/1/2010 9:25:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Chloroform	0.13	0.15	J	ppbV	1	9/1/2010 9:25:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Cyclohexane	0.11	0.15	J	ppbV	1	9/1/2010 9:25:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL004-SS-05N
Lab Order:	C1008074	**Tag Number:**	161,405
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.21	0.25	J	ppbV	1	9/1/2010 9:25:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Freon 11	0.34	0.15		ppbV	1	9/1/2010 9:25:00 AM
Freon 113	27	6.0		ppbV	40	9/2/2010 9:20:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Heptane	0.11	0.15	J	ppbV	1	9/1/2010 9:25:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Hexane	0.28	0.15		ppbV	1	9/1/2010 9:25:00 AM
Isopropyl alcohol	16	1.5		ppbV	10	9/2/2010 8:47:00 AM
m&p-Xylene	0.25	0.30	J	ppbV	1	9/1/2010 9:25:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 9:25:00 AM
Methyl Ethyl Ketone	0.50	0.30		ppbV	1	9/1/2010 9:25:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 9:25:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Methylene chloride	0.19	0.15		ppbV	1	9/1/2010 9:25:00 AM
o-Xylene	0.13	0.15	J	ppbV	1	9/1/2010 9:25:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Toluene	0.99	0.15		ppbV	1	9/1/2010 9:25:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Trichloroethene	9.0	1.5		ppbV	10	9/2/2010 8:47:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:25:00 AM
Surr: Bromofluorobenzene	101	70-130		%REC	1	9/1/2010 9:25:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL004-SS-05N
Lab Order:	C1008074	**Tag Number:**	161,405
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	350	33		ug/m3	40	9/2/2010 9:20:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 9:25:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 9:25:00 AM
1,1-Dichloroethane	1.6	0.62		ug/m3	1	9/1/2010 9:25:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:25:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 9:25:00 AM
1,2,4-Trimethylbenzene	1.8	0.75		ug/m3	1	9/1/2010 9:25:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 9:25:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:25:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 9:25:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 9:25:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	9/1/2010 9:25:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 9:25:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:25:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:25:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 9:25:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 9:25:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 9:25:00 AM
Acetone	16	7.2		ug/m3	10	9/2/2010 8:47:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 9:25:00 AM
Benzene	0.42	0.49	J	ug/m3	1	9/1/2010 9:25:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 9:25:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 9:25:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 9:25:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 9:25:00 AM
Carbon disulfide	0.47	0.47		ug/m3	1	9/1/2010 9:25:00 AM
Carbon tetrachloride	1.7	0.96		ug/m3	1	9/1/2010 9:25:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 9:25:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 9:25:00 AM
Chloroform	0.65	0.74	J	ug/m3	1	9/1/2010 9:25:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 9:25:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:25:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 9:25:00 AM
Cyclohexane	0.38	0.52	J	ug/m3	1	9/1/2010 9:25:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 9:25:00 AM
Ethyl acetate	0.77	0.92	J	ug/m3	1	9/1/2010 9:25:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/1/2010 9:25:00 AM
Freon 11	1.9	0.86		ug/m3	1	9/1/2010 9:25:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL004-SS-05N
Lab Order:	C1008074	**Tag Number:**	161,405
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	210	47		ug/m3	40	9/2/2010 9:20:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 9:25:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/1/2010 9:25:00 AM
Heptane	0.46	0.62	J	ug/m3	1	9/1/2010 9:25:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 9:25:00 AM
Hexane	1.0	0.54		ug/m3	1	9/1/2010 9:25:00 AM
Isopropyl alcohol	39	3.7		ug/m3	10	9/2/2010 8:47:00 AM
m&p-Xylene	1.1	1.3	J	ug/m3	1	9/1/2010 9:25:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 9:25:00 AM
Methyl Ethyl Ketone	1.5	0.90		ug/m3	1	9/1/2010 9:25:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 9:25:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 9:25:00 AM
Methylene chloride	0.67	0.53		ug/m3	1	9/1/2010 9:25:00 AM
o-Xylene	0.57	0.66	J	ug/m3	1	9/1/2010 9:25:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 9:25:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 9:25:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 9:25:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 9:25:00 AM
Toluene	3.8	0.57		ug/m3	1	9/1/2010 9:25:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:25:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 9:25:00 AM
Trichloroethene	49	8.2		ug/m3	10	9/2/2010 8:47:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 9:25:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 9:25:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 9:25:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL106-IA-05N
Lab Order:	C1008074	**Tag Number:**	493,180
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,2,4-Trimethylbenzene	1.0	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,3,5-Trimethylbenzene	0.45	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 8:10:00 AM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
4-ethyltoluene	0.20	0.15		ppbV	1	8/31/2010 8:10:00 AM
Acetone	10	1.5		ppbV	5	8/31/2010 3:44:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Benzene	0.21	0.15		ppbV	1	8/31/2010 8:10:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Carbon disulfide	0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 8:10:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL106-IA-05N
Lab Order:	C1008074	**Tag Number:**	493,180
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	0.65	0.25		ppbV	1	8/31/2010 8:10:00 AM
Ethylbenzene	0.37	0.15		ppbV	1	8/31/2010 8:10:00 AM
Freon 11	0.41	0.15		ppbV	1	8/31/2010 8:10:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Hexane	1.3	0.15		ppbV	1	8/31/2010 8:10:00 AM
Isopropyl alcohol	7.6	0.75		ppbV	5	8/31/2010 3:44:00 PM
m&p-Xylene	1.0	0.30		ppbV	1	8/31/2010 8:10:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 8:10:00 AM
Methyl Ethyl Ketone	2.0	0.30		ppbV	1	8/31/2010 8:10:00 AM
Methyl Isobutyl Ketone	0.38	0.30		ppbV	1	8/31/2010 8:10:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Methylene chloride	0.64	0.15		ppbV	1	8/31/2010 8:10:00 AM
o-Xylene	0.45	0.15		ppbV	1	8/31/2010 8:10:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Styrene	0.21	0.15		ppbV	1	8/31/2010 8:10:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Toluene	1.6	0.75		ppbV	5	8/31/2010 3:44:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Trichloroethene	0.25	0.040		ppbV	1	8/31/2010 8:10:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 8:10:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 8:10:00 AM
Surr: Bromofluorobenzene	106	70-130		%REC	1	8/31/2010 8:10:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL106-IA-05N
Lab Order:	C1008074	**Tag Number:**	493,180
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 8:10:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 8:10:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 8:10:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 8:10:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:10:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 8:10:00 AM
1,2,4-Trimethylbenzene	5.1	0.75		ug/m3	1	8/31/2010 8:10:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 8:10:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 8:10:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 8:10:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 8:10:00 AM
1,3,5-Trimethylbenzene	2.2	0.75		ug/m3	1	8/31/2010 8:10:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 8:10:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 8:10:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 8:10:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 8:10:00 AM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	8/31/2010 8:10:00 AM
4-ethyltoluene	1.0	0.75		ug/m3	1	8/31/2010 8:10:00 AM
Acetone	24	3.6		ug/m3	5	8/31/2010 3:44:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 8:10:00 AM
Benzene	0.68	0.49		ug/m3	1	8/31/2010 8:10:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 8:10:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 8:10:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 8:10:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 8:10:00 AM
Carbon disulfide	0.47	0.47		ug/m3	1	8/31/2010 8:10:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 8:10:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 8:10:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 8:10:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 8:10:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 8:10:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:10:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 8:10:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 8:10:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 8:10:00 AM
Ethyl acetate	2.4	0.92		ug/m3	1	8/31/2010 8:10:00 AM
Ethylbenzene	1.6	0.66		ug/m3	1	8/31/2010 8:10:00 AM
Freon 11	2.3	0.86		ug/m3	1	8/31/2010 8:10:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL106-IA-05N
Lab Order:	C1008074	**Tag Number:**	493,180
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 8:10:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 8:10:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 8:10:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 8:10:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 8:10:00 AM
Hexane	4.5	0.54		ug/m3	1	8/31/2010 8:10:00 AM
Isopropyl alcohol	19	1.9		ug/m3	5	8/31/2010 3:44:00 PM
m&p-Xylene	4.6	1.3		ug/m3	1	8/31/2010 8:10:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 8:10:00 AM
Methyl Ethyl Ketone	6.0	0.90		ug/m3	1	8/31/2010 8:10:00 AM
Methyl Isobutyl Ketone	1.6	1.2		ug/m3	1	8/31/2010 8:10:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 8:10:00 AM
Methylene chloride	2.3	0.53		ug/m3	1	8/31/2010 8:10:00 AM
o-Xylene	2.0	0.66		ug/m3	1	8/31/2010 8:10:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 8:10:00 AM
Styrene	0.91	0.65		ug/m3	1	8/31/2010 8:10:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 8:10:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 8:10:00 AM
Toluene	5.9	2.9		ug/m3	5	8/31/2010 3:44:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:10:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 8:10:00 AM
Trichloroethene	1.4	0.22		ug/m3	1	8/31/2010 8:10:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 8:10:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 8:10:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 8:10:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL106-SS-05N
Lab Order:	C1008074	**Tag Number:**	232,339
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-9			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	4.4	0.75		ppbV	5	9/2/2010 9:54:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,2,4-Trimethylbenzene	0.43	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 10:01:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Acetone	7.4	1.5		ppbV	5	9/2/2010 9:54:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Benzene	0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Carbon disulfide	0.19	0.15		ppbV	1	9/1/2010 10:01:00 AM
Carbon tetrachloride	0.060	0.15	J	ppbV	1	9/1/2010 10:01:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Chloromethane	0.20	0.15		ppbV	1	9/1/2010 10:01:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL106-SS-05N
Lab Order:	C1008074	**Tag Number:**	232,339
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	1.0	1.2	J	ppbV	5	9/2/2010 9:54:00 AM
Ethylbenzene	0.11	0.15	J	ppbV	1	9/1/2010 10:01:00 AM
Freon 11	0.25	0.15		ppbV	1	9/1/2010 10:01:00 AM
Freon 113	1.4	0.15		ppbV	1	9/1/2010 10:01:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Freon 12	0.31	0.15		ppbV	1	9/1/2010 10:01:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Hexane	0.38	0.15		ppbV	1	9/1/2010 10:01:00 AM
Isopropyl alcohol	20	0.75	E	ppbV	5	9/2/2010 9:54:00 AM
m&p-Xylene	0.31	0.30		ppbV	1	9/1/2010 10:01:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 10:01:00 AM
Methyl Ethyl Ketone	0.84	0.30		ppbV	1	9/1/2010 10:01:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 10:01:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Methylene chloride	0.22	0.15		ppbV	1	9/1/2010 10:01:00 AM
o-Xylene	0.14	0.15	J	ppbV	1	9/1/2010 10:01:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Toluene	1.5	0.15		ppbV	1	9/1/2010 10:01:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Trichloroethene	0.69	0.15		ppbV	1	9/1/2010 10:01:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 10:01:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/1/2010 10:01:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL106-SS-05N
Lab Order:	C1008074	**Tag Number:**	232,339
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	24	4.2		ug/m3	5	9/2/2010 9:54:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 10:01:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 10:01:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 10:01:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 10:01:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 10:01:00 AM
1,2,4-Trimethylbenzene	2.1	0.75		ug/m3	1	9/1/2010 10:01:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 10:01:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 10:01:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 10:01:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 10:01:00 AM
1,3,5-Trimethylbenzene	< 0.75	0.75		ug/m3	1	9/1/2010 10:01:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 10:01:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 10:01:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 10:01:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 10:01:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 10:01:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 10:01:00 AM
Acetone	18	3.6		ug/m3	5	9/2/2010 9:54:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 10:01:00 AM
Benzene	0.49	0.49		ug/m3	1	9/1/2010 10:01:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 10:01:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 10:01:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 10:01:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 10:01:00 AM
Carbon disulfide	0.60	0.47		ug/m3	1	9/1/2010 10:01:00 AM
Carbon tetrachloride	0.38	0.96	J	ug/m3	1	9/1/2010 10:01:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 10:01:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 10:01:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 10:01:00 AM
Chloromethane	0.42	0.31		ug/m3	1	9/1/2010 10:01:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 10:01:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 10:01:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/1/2010 10:01:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 10:01:00 AM
Ethyl acetate	3.8	4.4	J	ug/m3	5	9/2/2010 9:54:00 AM
Ethylbenzene	0.49	0.66	J	ug/m3	1	9/1/2010 10:01:00 AM
Freon 11	1.4	0.86		ug/m3	1	9/1/2010 10:01:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL106-SS-05N
Lab Order:	C1008074	**Tag Number:**	232,339
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	11	1.2		ug/m3	1	9/1/2010 10:01:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 10:01:00 AM
Freon 12	1.6	0.75		ug/m3	1	9/1/2010 10:01:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 10:01:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 10:01:00 AM
Hexane	1.4	0.54		ug/m3	1	9/1/2010 10:01:00 AM
Isopropyl alcohol	49	1.9	E	ug/m3	5	9/2/2010 9:54:00 AM
m&p-Xylene	1.4	1.3		ug/m3	1	9/1/2010 10:01:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 10:01:00 AM
Methyl Ethyl Ketone	2.5	0.90		ug/m3	1	9/1/2010 10:01:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 10:01:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 10:01:00 AM
Methylene chloride	0.78	0.53		ug/m3	1	9/1/2010 10:01:00 AM
o-Xylene	0.62	0.66	J	ug/m3	1	9/1/2010 10:01:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 10:01:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 10:01:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 10:01:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 10:01:00 AM
Toluene	5.8	0.57		ug/m3	1	9/1/2010 10:01:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 10:01:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 10:01:00 AM
Trichloroethene	3.8	0.82		ug/m3	1	9/1/2010 10:01:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 10:01:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 10:01:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 10:01:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-IA-05N
Lab Order:	C1008074	**Tag Number:**	468,403
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,2,4-Trimethylbenzene	1.1	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,3,5-Trimethylbenzene	0.38	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 9:19:00 AM
2,2,4-trimethylpentane	0.23	0.15		ppbV	1	8/31/2010 9:19:00 AM
4-ethyltoluene	0.22	0.15		ppbV	1	8/31/2010 9:19:00 AM
Acetone	9.6	1.5		ppbV	5	8/31/2010 4:21:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Benzene	0.16	0.15		ppbV	1	8/31/2010 9:19:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Carbon disulfide	0.18	0.15		ppbV	1	8/31/2010 9:19:00 AM
Carbon tetrachloride	0.060	0.040		ppbV	1	8/31/2010 9:19:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Chloromethane	0.31	0.15		ppbV	1	8/31/2010 9:19:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Cyclohexane	0.18	0.15		ppbV	1	8/31/2010 9:19:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-IA-05N
Lab Order:	C1008074	**Tag Number:**	468,403
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	0.77	0.25		ppbV	1	8/31/2010 9:19:00 AM
Ethylbenzene	0.42	0.15		ppbV	1	8/31/2010 9:19:00 AM
Freon 11	0.48	0.15		ppbV	1	8/31/2010 9:19:00 AM
Freon 113	0.10	0.15	J	ppbV	1	8/31/2010 9:19:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Hexane	0.95	0.15		ppbV	1	8/31/2010 9:19:00 AM
Isopropyl alcohol	15	0.75	E	ppbV	5	8/31/2010 4:21:00 PM
m&p-Xylene	1.1	0.30		ppbV	1	8/31/2010 9:19:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 9:19:00 AM
Methyl Ethyl Ketone	1.4	1.5	J	ppbV	5	8/31/2010 4:21:00 PM
Methyl Isobutyl Ketone	0.45	0.30		ppbV	1	8/31/2010 9:19:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Methylene chloride	0.33	0.15		ppbV	1	8/31/2010 9:19:00 AM
o-Xylene	0.50	0.15		ppbV	1	8/31/2010 9:19:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Styrene	0.27	0.15		ppbV	1	8/31/2010 9:19:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Toluene	1.6	0.75		ppbV	5	8/31/2010 4:21:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Trichloroethene	0.19	0.040		ppbV	1	8/31/2010 9:19:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 9:19:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 9:19:00 AM
Surr: Bromofluorobenzene	118	70-130		%REC	1	8/31/2010 9:19:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-IA-05N
Lab Order:	C1008074	**Tag Number:**	468,403
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 9:19:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 9:19:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 9:19:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 9:19:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:19:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 9:19:00 AM
1,2,4-Trimethylbenzene	5.3	0.75		ug/m3	1	8/31/2010 9:19:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 9:19:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:19:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 9:19:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 9:19:00 AM
1,3,5-Trimethylbenzene	1.9	0.75		ug/m3	1	8/31/2010 9:19:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 9:19:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:19:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:19:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 9:19:00 AM
2,2,4-trimethylpentane	1.1	0.71		ug/m3	1	8/31/2010 9:19:00 AM
4-ethyltoluene	1.1	0.75		ug/m3	1	8/31/2010 9:19:00 AM
Acetone	23	3.6		ug/m3	5	8/31/2010 4:21:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 9:19:00 AM
Benzene	0.52	0.49		ug/m3	1	8/31/2010 9:19:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 9:19:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 9:19:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 9:19:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 9:19:00 AM
Carbon disulfide	0.57	0.47		ug/m3	1	8/31/2010 9:19:00 AM
Carbon tetrachloride	0.38	0.26		ug/m3	1	8/31/2010 9:19:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 9:19:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 9:19:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 9:19:00 AM
Chloromethane	0.65	0.31		ug/m3	1	8/31/2010 9:19:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:19:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 9:19:00 AM
Cyclohexane	0.63	0.52		ug/m3	1	8/31/2010 9:19:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 9:19:00 AM
Ethyl acetate	2.8	0.92		ug/m3	1	8/31/2010 9:19:00 AM
Ethylbenzene	1.9	0.66		ug/m3	1	8/31/2010 9:19:00 AM
Freon 11	2.7	0.86		ug/m3	1	8/31/2010 9:19:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-IA-05N
Lab Order:	C1008074	**Tag Number:**	468,403
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	0.78	1.2	J	ug/m3	1	8/31/2010 9:19:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 9:19:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 9:19:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 9:19:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 9:19:00 AM
Hexane	3.4	0.54		ug/m3	1	8/31/2010 9:19:00 AM
Isopropyl alcohol	37	1.9	E	ug/m3	5	8/31/2010 4:21:00 PM
m&p-Xylene	5.0	1.3		ug/m3	1	8/31/2010 9:19:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 9:19:00 AM
Methyl Ethyl Ketone	4.3	4.5	J	ug/m3	5	8/31/2010 4:21:00 PM
Methyl Isobutyl Ketone	1.9	1.2		ug/m3	1	8/31/2010 9:19:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 9:19:00 AM
Methylene chloride	1.2	0.53		ug/m3	1	8/31/2010 9:19:00 AM
o-Xylene	2.2	0.66		ug/m3	1	8/31/2010 9:19:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 9:19:00 AM
Styrene	1.2	0.65		ug/m3	1	8/31/2010 9:19:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 9:19:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 9:19:00 AM
Toluene	6.3	2.9		ug/m3	5	8/31/2010 4:21:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:19:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 9:19:00 AM
Trichloroethene	1.0	0.22		ug/m3	1	8/31/2010 9:19:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 9:19:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 9:19:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 9:19:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-IA0-05D
Lab Order:	C1008074	**Tag Number:**	421,446
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,2,4-Trimethylbenzene	0.67	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,3,5-Trimethylbenzene	0.25	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 5:27:00 PM
2,2,4-trimethylpentane	0.10	0.15	J	ppbV	1	8/31/2010 5:27:00 PM
4-ethyltoluene	0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Acetone	11	1.5		ppbV	5	9/1/2010 7:31:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Benzene	0.12	0.15	J	ppbV	1	8/31/2010 5:27:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Carbon disulfide	0.24	0.15		ppbV	1	8/31/2010 5:27:00 PM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 5:27:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
cis-1,2-Dichloroethene	0.12	0.15	J	ppbV	1	8/31/2010 5:27:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Cyclohexane	0.14	0.15	J	ppbV	1	8/31/2010 5:27:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-IA0-05D
Lab Order:	C1008074	**Tag Number:**	421,446
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 5:27:00 PM
Ethylbenzene	0.28	0.15		ppbV	1	8/31/2010 5:27:00 PM
Freon 11	0.34	0.15		ppbV	1	8/31/2010 5:27:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Heptane	0.13	0.15	J	ppbV	1	8/31/2010 5:27:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Hexane	1.1	0.15		ppbV	1	8/31/2010 5:27:00 PM
Isopropyl alcohol	5.8	0.75		ppbV	5	9/1/2010 7:31:00 PM
m&p-Xylene	0.74	0.30		ppbV	1	8/31/2010 5:27:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 5:27:00 PM
Methyl Ethyl Ketone	0.73	0.30		ppbV	1	8/31/2010 5:27:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 5:27:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Methylene chloride	0.39	0.15		ppbV	1	8/31/2010 5:27:00 PM
o-Xylene	0.31	0.15		ppbV	1	8/31/2010 5:27:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Styrene	0.17	0.15		ppbV	1	8/31/2010 5:27:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Toluene	1.7	0.75		ppbV	5	9/1/2010 7:31:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Trichloroethene	0.45	0.040		ppbV	1	8/31/2010 5:27:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 5:27:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 5:27:00 PM
Surr: Bromofluorobenzene	104	70-130		%REC	1	8/31/2010 5:27:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-IA0-05D
Lab Order:	C1008074	**Tag Number:**	421,446
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 5:27:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 5:27:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 5:27:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 5:27:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:27:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 5:27:00 PM
1,2,4-Trimethylbenzene	3.3	0.75		ug/m3	1	8/31/2010 5:27:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 5:27:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:27:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 5:27:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 5:27:00 PM
1,3,5-Trimethylbenzene	1.2	0.75		ug/m3	1	8/31/2010 5:27:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 5:27:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:27:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:27:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 5:27:00 PM
2,2,4-trimethylpentane	0.47	0.71	J	ug/m3	1	8/31/2010 5:27:00 PM
4-ethyltoluene	0.75	0.75		ug/m3	1	8/31/2010 5:27:00 PM
Acetone	28	3.6		ug/m3	5	9/1/2010 7:31:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 5:27:00 PM
Benzene	0.39	0.49	J	ug/m3	1	8/31/2010 5:27:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 5:27:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 5:27:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 5:27:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 5:27:00 PM
Carbon disulfide	0.76	0.47		ug/m3	1	8/31/2010 5:27:00 PM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 5:27:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 5:27:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 5:27:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 5:27:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 5:27:00 PM
cis-1,2-Dichloroethene	0.48	0.60	J	ug/m3	1	8/31/2010 5:27:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 5:27:00 PM
Cyclohexane	0.49	0.52	J	ug/m3	1	8/31/2010 5:27:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 5:27:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 5:27:00 PM
Ethylbenzene	1.2	0.66		ug/m3	1	8/31/2010 5:27:00 PM
Freon 11	1.9	0.86		ug/m3	1	8/31/2010 5:27:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-IA0-05D
Lab Order:	C1008074	**Tag Number:**	421,446
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 5:27:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 5:27:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 5:27:00 PM
Heptane	0.54	0.62	J	ug/m3	1	8/31/2010 5:27:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 5:27:00 PM
Hexane	3.9	0.54		ug/m3	1	8/31/2010 5:27:00 PM
Isopropyl alcohol	15	1.9		ug/m3	5	9/1/2010 7:31:00 PM
m&p-Xylene	3.3	1.3		ug/m3	1	8/31/2010 5:27:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 5:27:00 PM
Methyl Ethyl Ketone	2.2	0.90		ug/m3	1	8/31/2010 5:27:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 5:27:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 5:27:00 PM
Methylene chloride	1.4	0.53		ug/m3	1	8/31/2010 5:27:00 PM
o-Xylene	1.4	0.66		ug/m3	1	8/31/2010 5:27:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 5:27:00 PM
Styrene	0.74	0.65		ug/m3	1	8/31/2010 5:27:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 5:27:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 5:27:00 PM
Toluene	6.5	2.9		ug/m3	5	9/1/2010 7:31:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:27:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 5:27:00 PM
Trichloroethene	2.5	0.22		ug/m3	1	8/31/2010 5:27:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 5:27:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 5:27:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 5:27:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-SS-05N
Lab Order:	C1008074	**Tag Number:**	464,119
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-23			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	1.7	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,1,2,2-Tetrachloroethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,1,2-Trichloroethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,1-Dichloroethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,1-Dichloroethene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,2,4-Trichlorobenzene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,2,4-Trimethylbenzene	3.3	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,2-Dibromoethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,2-Dichlorobenzene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,2-Dichloroethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,2-Dichloropropane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,3,5-Trimethylbenzene	0.98	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,3-butadiene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,3-Dichlorobenzene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,4-Dichlorobenzene	0.96	0.30		ppbV	2	9/3/2010 10:49:00 PM
1,4-Dioxane	< 0.60	0.60		ppbV	2	9/3/2010 10:49:00 PM
2,2,4-trimethylpentane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
4-ethyltoluene	0.62	0.30		ppbV	2	9/3/2010 10:49:00 PM
Acetone	26	0.60		ppbV	2	9/3/2010 10:49:00 PM
Allyl chloride	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Benzene	0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Benzyl chloride	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Bromodichloromethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Bromoform	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Bromomethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Carbon disulfide	0.40	0.30		ppbV	2	9/3/2010 10:49:00 PM
Carbon tetrachloride	0.080	0.30	J	ppbV	2	9/3/2010 10:49:00 PM
Chlorobenzene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Chloroethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Chloroform	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Chloromethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
cis-1,2-Dichloroethene	0.80	0.30		ppbV	2	9/3/2010 10:49:00 PM
cis-1,3-Dichloropropene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Cyclohexane	0.22	0.30	J	ppbV	2	9/3/2010 10:49:00 PM
Dibromochloromethane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-SS-05N
Lab Order:	C1008074	**Tag Number:**	464,119
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	1.2	0.50		ppbV	2	9/3/2010 10:49:00 PM
Ethylbenzene	0.54	0.30		ppbV	2	9/3/2010 10:49:00 PM
Freon 11	0.36	0.30		ppbV	2	9/3/2010 10:49:00 PM
Freon 113	0.40	0.30		ppbV	2	9/3/2010 10:49:00 PM
Freon 114	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Freon 12	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Heptane	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Hexachloro-1,3-butadiene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Hexane	1.1	0.30		ppbV	2	9/3/2010 10:49:00 PM
Isopropyl alcohol	45	0.30		ppbV	2	9/3/2010 10:49:00 PM
m&p-Xylene	2.2	0.60		ppbV	2	9/3/2010 10:49:00 PM
Methyl Butyl Ketone	< 0.60	0.60		ppbV	2	9/3/2010 10:49:00 PM
Methyl Ethyl Ketone	1.7	0.60		ppbV	2	9/3/2010 10:49:00 PM
Methyl Isobutyl Ketone	< 0.60	0.60		ppbV	2	9/3/2010 10:49:00 PM
Methyl tert-butyl ether	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Methylene chloride	0.98	0.30		ppbV	2	9/3/2010 10:49:00 PM
o-Xylene	0.78	0.30		ppbV	2	9/3/2010 10:49:00 PM
Propylene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Styrene	0.40	0.30		ppbV	2	9/3/2010 10:49:00 PM
Tetrachloroethylene	0.64	0.30		ppbV	2	9/3/2010 10:49:00 PM
Tetrahydrofuran	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Toluene	4.3	0.30		ppbV	2	9/3/2010 10:49:00 PM
trans-1,2-Dichloroethene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
trans-1,3-Dichloropropene	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Trichloroethene	3.9	0.30		ppbV	2	9/3/2010 10:49:00 PM
Vinyl acetate	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Vinyl Bromide	< 0.30	0.30		ppbV	2	9/3/2010 10:49:00 PM
Vinyl chloride	0.10	0.30	J	ppbV	2	9/3/2010 10:49:00 PM
Surr: Bromofluorobenzene	92.0	70-130		%REC	2	9/3/2010 10:49:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Detection limits were raised due to insufficient sample volume.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected	
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits	
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit	
	S	Spike Recovery outside accepted recovery limits			

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-SS-05N
Lab Order:	C1008074	**Tag Number:**	464,119
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	9.7	1.7		ug/m3	2	9/3/2010 10:49:00 PM
1,1,2,2-Tetrachloroethane	< 2.1	2.1		ug/m3	2	9/3/2010 10:49:00 PM
1,1,2-Trichloroethane	< 1.7	1.7		ug/m3	2	9/3/2010 10:49:00 PM
1,1-Dichloroethane	< 1.2	1.2		ug/m3	2	9/3/2010 10:49:00 PM
1,1-Dichloroethene	< 1.2	1.2		ug/m3	2	9/3/2010 10:49:00 PM
1,2,4-Trichlorobenzene	< 2.3	2.3		ug/m3	2	9/3/2010 10:49:00 PM
1,2,4-Trimethylbenzene	16	1.5		ug/m3	2	9/3/2010 10:49:00 PM
1,2-Dibromoethane	< 2.3	2.3		ug/m3	2	9/3/2010 10:49:00 PM
1,2-Dichlorobenzene	< 1.8	1.8		ug/m3	2	9/3/2010 10:49:00 PM
1,2-Dichloroethane	< 1.2	1.2		ug/m3	2	9/3/2010 10:49:00 PM
1,2-Dichloropropane	< 1.4	1.4		ug/m3	2	9/3/2010 10:49:00 PM
1,3,5-Trimethylbenzene	4.9	1.5		ug/m3	2	9/3/2010 10:49:00 PM
1,3-butadiene	< 0.67	0.67		ug/m3	2	9/3/2010 10:49:00 PM
1,3-Dichlorobenzene	< 1.8	1.8		ug/m3	2	9/3/2010 10:49:00 PM
1,4-Dichlorobenzene	5.9	1.8		ug/m3	2	9/3/2010 10:49:00 PM
1,4-Dioxane	< 2.2	2.2		ug/m3	2	9/3/2010 10:49:00 PM
2,2,4-trimethylpentane	< 1.4	1.4		ug/m3	2	9/3/2010 10:49:00 PM
4-ethyltoluene	3.1	1.5		ug/m3	2	9/3/2010 10:49:00 PM
Acetone	63	1.4		ug/m3	2	9/3/2010 10:49:00 PM
Allyl chloride	< 0.95	0.95		ug/m3	2	9/3/2010 10:49:00 PM
Benzene	0.97	0.97		ug/m3	2	9/3/2010 10:49:00 PM
Benzyl chloride	< 1.8	1.8		ug/m3	2	9/3/2010 10:49:00 PM
Bromodichloromethane	< 2.0	2.0		ug/m3	2	9/3/2010 10:49:00 PM
Bromoform	< 3.2	3.2		ug/m3	2	9/3/2010 10:49:00 PM
Bromomethane	< 1.2	1.2		ug/m3	2	9/3/2010 10:49:00 PM
Carbon disulfide	1.3	0.95		ug/m3	2	9/3/2010 10:49:00 PM
Carbon tetrachloride	0.51	1.9	J	ug/m3	2	9/3/2010 10:49:00 PM
Chlorobenzene	< 1.4	1.4		ug/m3	2	9/3/2010 10:49:00 PM
Chloroethane	< 0.80	0.80		ug/m3	2	9/3/2010 10:49:00 PM
Chloroform	< 1.5	1.5		ug/m3	2	9/3/2010 10:49:00 PM
Chloromethane	< 0.63	0.63		ug/m3	2	9/3/2010 10:49:00 PM
cis-1,2-Dichloroethene	3.2	1.2		ug/m3	2	9/3/2010 10:49:00 PM
cis-1,3-Dichloropropene	< 1.4	1.4		ug/m3	2	9/3/2010 10:49:00 PM
Cyclohexane	0.77	1.0	J	ug/m3	2	9/3/2010 10:49:00 PM
Dibromochloromethane	< 2.6	2.6		ug/m3	2	9/3/2010 10:49:00 PM
Ethyl acetate	4.5	1.8		ug/m3	2	9/3/2010 10:49:00 PM
Ethylbenzene	2.4	1.3		ug/m3	2	9/3/2010 10:49:00 PM
Freon 11	2.1	1.7		ug/m3	2	9/3/2010 10:49:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL078-SS-05N
Lab Order:	C1008074	**Tag Number:**	464,119
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	3.1	2.3		ug/m3	2	9/3/2010 10:49:00 PM
Freon 114	< 2.1	2.1		ug/m3	2	9/3/2010 10:49:00 PM
Freon 12	< 1.5	1.5		ug/m3	2	9/3/2010 10:49:00 PM
Heptane	< 1.2	1.2		ug/m3	2	9/3/2010 10:49:00 PM
Hexachloro-1,3-butadiene	< 3.3	3.3		ug/m3	2	9/3/2010 10:49:00 PM
Hexane	3.9	1.1		ug/m3	2	9/3/2010 10:49:00 PM
Isopropyl alcohol	110	0.75		ug/m3	2	9/3/2010 10:49:00 PM
m&p-Xylene	9.5	2.6		ug/m3	2	9/3/2010 10:49:00 PM
Methyl Butyl Ketone	< 2.5	2.5		ug/m3	2	9/3/2010 10:49:00 PM
Methyl Ethyl Ketone	5.0	1.8		ug/m3	2	9/3/2010 10:49:00 PM
Methyl Isobutyl Ketone	< 2.5	2.5		ug/m3	2	9/3/2010 10:49:00 PM
Methyl tert-butyl ether	< 1.1	1.1		ug/m3	2	9/3/2010 10:49:00 PM
Methylene chloride	3.5	1.1		ug/m3	2	9/3/2010 10:49:00 PM
o-Xylene	3.4	1.3		ug/m3	2	9/3/2010 10:49:00 PM
Propylene	< 0.52	0.52		ug/m3	2	9/3/2010 10:49:00 PM
Styrene	1.7	1.3		ug/m3	2	9/3/2010 10:49:00 PM
Tetrachloroethylene	4.4	2.1		ug/m3	2	9/3/2010 10:49:00 PM
Tetrahydrofuran	< 0.90	0.90		ug/m3	2	9/3/2010 10:49:00 PM
Toluene	16	1.1		ug/m3	2	9/3/2010 10:49:00 PM
trans-1,2-Dichloroethene	< 1.2	1.2		ug/m3	2	9/3/2010 10:49:00 PM
trans-1,3-Dichloropropene	< 1.4	1.4		ug/m3	2	9/3/2010 10:49:00 PM
Trichloroethene	22	1.6		ug/m3	2	9/3/2010 10:49:00 PM
Vinyl acetate	< 1.1	1.1		ug/m3	2	9/3/2010 10:49:00 PM
Vinyl Bromide	< 1.3	1.3		ug/m3	2	9/3/2010 10:49:00 PM
Vinyl chloride	0.26	0.78	J	ug/m3	2	9/3/2010 10:49:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Detection limits were raised due to insufficient sample volume.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL052-IA-05N
Lab Order:	C1008074	**Tag Number:**	78,80
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-23			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,1,2,2-Tetrachloroethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,1,2-Trichloroethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,1-Dichloroethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,1-Dichloroethene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,2,4-Trichlorobenzene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,2,4-Trimethylbenzene	1.6	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,2-Dibromoethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,2-Dichlorobenzene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,2-Dichloroethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,2-Dichloropropane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,3,5-Trimethylbenzene	0.70	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,3-butadiene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,3-Dichlorobenzene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,4-Dichlorobenzene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
1,4-Dioxane	< 0.60	0.60		ppbV	2	8/31/2010 6:08:00 PM
2,2,4-trimethylpentane	0.24	0.30	J	ppbV	2	8/31/2010 6:08:00 PM
4-ethyltoluene	0.34	0.30		ppbV	2	8/31/2010 6:08:00 PM
Acetone	23	0.60	E	ppbV	2	8/31/2010 6:08:00 PM
Allyl chloride	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Benzene	0.26	0.30	J	ppbV	2	8/31/2010 6:08:00 PM
Benzyl chloride	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Bromodichloromethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Bromoform	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Bromomethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Carbon disulfide	0.80	0.30		ppbV	2	8/31/2010 6:08:00 PM
Carbon tetrachloride	< 0.080	0.080		ppbV	2	8/31/2010 6:08:00 PM
Chlorobenzene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Chloroethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Chloroform	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Chloromethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
cis-1,2-Dichloroethene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
cis-1,3-Dichloropropene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Cyclohexane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Dibromochloromethane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL052-IA-05N
Lab Order:	C1008074	**Tag Number:**	78,80
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	0.82	0.50		ppbV	2	8/31/2010 6:08:00 PM
Ethylbenzene	0.36	0.30		ppbV	2	8/31/2010 6:08:00 PM
Freon 11	0.58	0.30		ppbV	2	8/31/2010 6:08:00 PM
Freon 113	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Freon 114	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Freon 12	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Heptane	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Hexachloro-1,3-butadiene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Hexane	1.2	0.30		ppbV	2	8/31/2010 6:08:00 PM
Isopropyl alcohol	50	0.30	E	ppbV	2	8/31/2010 6:08:00 PM
m&p-Xylene	0.94	0.60		ppbV	2	8/31/2010 6:08:00 PM
Methyl Butyl Ketone	< 0.60	0.60		ppbV	2	8/31/2010 6:08:00 PM
Methyl Ethyl Ketone	2.9	0.60		ppbV	2	8/31/2010 6:08:00 PM
Methyl Isobutyl Ketone	< 0.60	0.60		ppbV	2	8/31/2010 6:08:00 PM
Methyl tert-butyl ether	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Methylene chloride	0.46	0.30		ppbV	2	8/31/2010 6:08:00 PM
o-Xylene	0.46	0.30		ppbV	2	8/31/2010 6:08:00 PM
Propylene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Styrene	0.26	0.30	J	ppbV	2	8/31/2010 6:08:00 PM
Tetrachloroethylene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Tetrahydrofuran	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Toluene	2.7	0.30		ppbV	2	8/31/2010 6:08:00 PM
trans-1,2-Dichloroethene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
trans-1,3-Dichloropropene	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Trichloroethene	0.54	0.080		ppbV	2	8/31/2010 6:08:00 PM
Vinyl acetate	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Vinyl Bromide	< 0.30	0.30		ppbV	2	8/31/2010 6:08:00 PM
Vinyl chloride	< 0.080	0.080		ppbV	2	8/31/2010 6:08:00 PM
Surr: Bromofluorobenzene	107	70-130		%REC	2	8/31/2010 6:08:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.
Detection limits were raised due to insufficient sample volume.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL052-IA-05N
Lab Order:	C1008074	**Tag Number:**	78,80
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 1.7	1.7		ug/m3	2	8/31/2010 6:08:00 PM
1,1,2,2-Tetrachloroethane	< 2.1	2.1		ug/m3	2	8/31/2010 6:08:00 PM
1,1,2-Trichloroethane	< 1.7	1.7		ug/m3	2	8/31/2010 6:08:00 PM
1,1-Dichloroethane	< 1.2	1.2		ug/m3	2	8/31/2010 6:08:00 PM
1,1-Dichloroethene	< 1.2	1.2		ug/m3	2	8/31/2010 6:08:00 PM
1,2,4-Trichlorobenzene	< 2.3	2.3		ug/m3	2	8/31/2010 6:08:00 PM
1,2,4-Trimethylbenzene	8.0	1.5		ug/m3	2	8/31/2010 6:08:00 PM
1,2-Dibromoethane	< 2.3	2.3		ug/m3	2	8/31/2010 6:08:00 PM
1,2-Dichlorobenzene	< 1.8	1.8		ug/m3	2	8/31/2010 6:08:00 PM
1,2-Dichloroethane	< 1.2	1.2		ug/m3	2	8/31/2010 6:08:00 PM
1,2-Dichloropropane	< 1.4	1.4		ug/m3	2	8/31/2010 6:08:00 PM
1,3,5-Trimethylbenzene	3.5	1.5		ug/m3	2	8/31/2010 6:08:00 PM
1,3-butadiene	< 0.67	0.67		ug/m3	2	8/31/2010 6:08:00 PM
1,3-Dichlorobenzene	< 1.8	1.8		ug/m3	2	8/31/2010 6:08:00 PM
1,4-Dichlorobenzene	< 1.8	1.8		ug/m3	2	8/31/2010 6:08:00 PM
1,4-Dioxane	< 2.2	2.2		ug/m3	2	8/31/2010 6:08:00 PM
2,2,4-trimethylpentane	1.1	1.4	J	ug/m3	2	8/31/2010 6:08:00 PM
4-ethyltoluene	1.7	1.5		ug/m3	2	8/31/2010 6:08:00 PM
Acetone	56	1.4	E	ug/m3	2	8/31/2010 6:08:00 PM
Allyl chloride	< 0.95	0.95		ug/m3	2	8/31/2010 6:08:00 PM
Benzene	0.84	0.97	J	ug/m3	2	8/31/2010 6:08:00 PM
Benzyl chloride	< 1.8	1.8		ug/m3	2	8/31/2010 6:08:00 PM
Bromodichloromethane	< 2.0	2.0		ug/m3	2	8/31/2010 6:08:00 PM
Bromoform	< 3.2	3.2		ug/m3	2	8/31/2010 6:08:00 PM
Bromomethane	< 1.2	1.2		ug/m3	2	8/31/2010 6:08:00 PM
Carbon disulfide	2.5	0.95		ug/m3	2	8/31/2010 6:08:00 PM
Carbon tetrachloride	< 0.51	0.51		ug/m3	2	8/31/2010 6:08:00 PM
Chlorobenzene	< 1.4	1.4		ug/m3	2	8/31/2010 6:08:00 PM
Chloroethane	< 0.80	0.80		ug/m3	2	8/31/2010 6:08:00 PM
Chloroform	< 1.5	1.5		ug/m3	2	8/31/2010 6:08:00 PM
Chloromethane	< 0.63	0.63		ug/m3	2	8/31/2010 6:08:00 PM
cis-1,2-Dichloroethene	< 1.2	1.2		ug/m3	2	8/31/2010 6:08:00 PM
cis-1,3-Dichloropropene	< 1.4	1.4		ug/m3	2	8/31/2010 6:08:00 PM
Cyclohexane	< 1.0	1.0		ug/m3	2	8/31/2010 6:08:00 PM
Dibromochloromethane	< 2.6	2.6		ug/m3	2	8/31/2010 6:08:00 PM
Ethyl acetate	3.0	1.8		ug/m3	2	8/31/2010 6:08:00 PM
Ethylbenzene	1.6	1.3		ug/m3	2	8/31/2010 6:08:00 PM
Freon 11	3.3	1.7		ug/m3	2	8/31/2010 6:08:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL052-IA-05N
Lab Order:	C1008074	**Tag Number:**	78,80
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 2.3	2.3		ug/m3	2	8/31/2010 6:08:00 PM
Freon 114	< 2.1	2.1		ug/m3	2	8/31/2010 6:08:00 PM
Freon 12	< 1.5	1.5		ug/m3	2	8/31/2010 6:08:00 PM
Heptane	< 1.2	1.2		ug/m3	2	8/31/2010 6:08:00 PM
Hexachloro-1,3-butadiene	< 3.3	3.3		ug/m3	2	8/31/2010 6:08:00 PM
Hexane	4.4	1.1		ug/m3	2	8/31/2010 6:08:00 PM
Isopropyl alcohol	130	0.75	E	ug/m3	2	8/31/2010 6:08:00 PM
m&p-Xylene	4.1	2.6		ug/m3	2	8/31/2010 6:08:00 PM
Methyl Butyl Ketone	< 2.5	2.5		ug/m3	2	8/31/2010 6:08:00 PM
Methyl Ethyl Ketone	8.6	1.8		ug/m3	2	8/31/2010 6:08:00 PM
Methyl Isobutyl Ketone	< 2.5	2.5		ug/m3	2	8/31/2010 6:08:00 PM
Methyl tert-butyl ether	< 1.1	1.1		ug/m3	2	8/31/2010 6:08:00 PM
Methylene chloride	1.6	1.1		ug/m3	2	8/31/2010 6:08:00 PM
o-Xylene	2.0	1.3		ug/m3	2	8/31/2010 6:08:00 PM
Propylene	< 0.52	0.52		ug/m3	2	8/31/2010 6:08:00 PM
Styrene	1.1	1.3	J	ug/m3	2	8/31/2010 6:08:00 PM
Tetrachloroethylene	< 2.1	2.1		ug/m3	2	8/31/2010 6:08:00 PM
Tetrahydrofuran	< 0.90	0.90		ug/m3	2	8/31/2010 6:08:00 PM
Toluene	10	1.1		ug/m3	2	8/31/2010 6:08:00 PM
trans-1,2-Dichloroethene	< 1.2	1.2		ug/m3	2	8/31/2010 6:08:00 PM
trans-1,3-Dichloropropene	< 1.4	1.4		ug/m3	2	8/31/2010 6:08:00 PM
Trichloroethene	2.9	0.44		ug/m3	2	8/31/2010 6:08:00 PM
Vinyl acetate	< 1.1	1.1		ug/m3	2	8/31/2010 6:08:00 PM
Vinyl Bromide	< 1.3	1.3		ug/m3	2	8/31/2010 6:08:00 PM
Vinyl chloride	< 0.21	0.21		ug/m3	2	8/31/2010 6:08:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.
Detection limits were raised due to insufficient sample volume.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-SS-05N
Lab Order:	C1008074	**Tag Number:**	482,156
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-017A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	1.8	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,1-Dichloroethane	1.8	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,1-Dichloroethene	0.42	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,2,4-Trimethylbenzene	0.28	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,3,5-Trimethylbenzene	0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 4:55:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Acetone	9.1	3.0		ppbV	10	9/1/2010 6:51:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Benzene	0.27	0.15		ppbV	1	9/1/2010 4:55:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Carbon disulfide	0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Chloroform	1.3	0.15		ppbV	1	9/1/2010 4:55:00 PM
Chloromethane	0.18	0.15		ppbV	1	9/1/2010 4:55:00 PM
cis-1,2-Dichloroethene	64	96	J	ppbV	640	9/3/2010 9:34:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-SS-05N
Lab Order:	C1008074	**Tag Number:**	482,156
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-017A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 4:55:00 PM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Freon 11	0.36	0.15		ppbV	1	9/1/2010 4:55:00 PM
Freon 113	0.30	0.15		ppbV	1	9/1/2010 4:55:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Freon 12	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Hexane	0.26	0.15		ppbV	1	9/1/2010 4:55:00 PM
Isopropyl alcohol	15	1.5		ppbV	10	9/1/2010 6:51:00 PM
m&p-Xylene	0.22	0.30	J	ppbV	1	9/1/2010 4:55:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 4:55:00 PM
Methyl Ethyl Ketone	0.25	0.30	J	ppbV	1	9/1/2010 4:55:00 PM
Methyl Isobutyl Ketone	0.12	0.30	J	ppbV	1	9/1/2010 4:55:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Methylene chloride	0.12	0.15	J	ppbV	1	9/1/2010 4:55:00 PM
o-Xylene	0.10	0.15	J	ppbV	1	9/1/2010 4:55:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Tetrachloroethylene	0.25	0.15		ppbV	1	9/1/2010 4:55:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Toluene	0.74	0.15		ppbV	1	9/1/2010 4:55:00 PM
trans-1,2-Dichloroethene	20	1.5		ppbV	10	9/1/2010 6:51:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Trichloroethene	1000	96		ppbV	640	9/3/2010 9:34:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:55:00 PM
Surr: Bromofluorobenzene	92.0	70-130		%REC	1	9/1/2010 4:55:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-SS-05N
Lab Order:	C1008074	**Tag Number:**	482,156
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-017A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	10	0.83		ug/m3	1	9/1/2010 4:55:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:55:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 4:55:00 PM
1,1-Dichloroethane	7.2	0.62		ug/m3	1	9/1/2010 4:55:00 PM
1,1-Dichloroethene	1.7	0.60		ug/m3	1	9/1/2010 4:55:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 4:55:00 PM
1,2,4-Trimethylbenzene	1.4	0.75		ug/m3	1	9/1/2010 4:55:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 4:55:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:55:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 4:55:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 4:55:00 PM
1,3,5-Trimethylbenzene	0.75	0.75		ug/m3	1	9/1/2010 4:55:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 4:55:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:55:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:55:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 4:55:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 4:55:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 4:55:00 PM
Acetone	22	7.2		ug/m3	10	9/1/2010 6:51:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 4:55:00 PM
Benzene	0.88	0.49		ug/m3	1	9/1/2010 4:55:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 4:55:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:55:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 4:55:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 4:55:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	9/1/2010 4:55:00 PM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	9/1/2010 4:55:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 4:55:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 4:55:00 PM
Chloroform	6.5	0.74		ug/m3	1	9/1/2010 4:55:00 PM
Chloromethane	0.38	0.31		ug/m3	1	9/1/2010 4:55:00 PM
cis-1,2-Dichloroethene	260	390	J	ug/m3	640	9/3/2010 9:34:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:55:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/1/2010 4:55:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 4:55:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 4:55:00 PM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/1/2010 4:55:00 PM
Freon 11	2.1	0.86		ug/m3	1	9/1/2010 4:55:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL084-SS-05N
Lab Order:	C1008074	**Tag Number:**	482,156
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008074-017A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	2.3	1.2		ug/m3	1	9/1/2010 4:55:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 4:55:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	9/1/2010 4:55:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 4:55:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 4:55:00 PM
Hexane	0.93	0.54		ug/m3	1	9/1/2010 4:55:00 PM
Isopropyl alcohol	37	3.7		ug/m3	10	9/1/2010 6:51:00 PM
m&p-Xylene	0.97	1.3	J	ug/m3	1	9/1/2010 4:55:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 4:55:00 PM
Methyl Ethyl Ketone	0.75	0.90	J	ug/m3	1	9/1/2010 4:55:00 PM
Methyl Isobutyl Ketone	0.50	1.2	J	ug/m3	1	9/1/2010 4:55:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 4:55:00 PM
Methylene chloride	0.42	0.53	J	ug/m3	1	9/1/2010 4:55:00 PM
o-Xylene	0.44	0.66	J	ug/m3	1	9/1/2010 4:55:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 4:55:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 4:55:00 PM
Tetrachloroethylene	1.7	1.0		ug/m3	1	9/1/2010 4:55:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 4:55:00 PM
Toluene	2.8	0.57		ug/m3	1	9/1/2010 4:55:00 PM
trans-1,2-Dichloroethene	79	6.0		ug/m3	10	9/1/2010 6:51:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:55:00 PM
Trichloroethene	5600	520		ug/m3	640	9/3/2010 9:34:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 4:55:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 4:55:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 4:55:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

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Centek Laboratories, LLC

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-4
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL041	SL041-IA005 N	8/27/10	1942/1753	AIR	333	253	1		___ 5ppbv
	SL041-SS005 N		1941/1753		458	261	1		___ 1ug/M3
	SL041-SS005 D		1941/1753		315	392	1		X 1ug/M3+TCE .25
SL108	SL108-IA005 N	8/27/10	2010/1803		571	294	1		
	SL108-SS005 N		2008/1803		3606	445	1		Report Level
SL088	SL088-IA005 N		2016/1808		101	264	1		___ Level I
	SL088-SS005 N		2016/1808		188	59	1		___ Level II
SL107	SL107-IA005 N		2027/1816		431	398	1		X Cat"B" Like
	SL107-SS005N		2026/1816		462	68	1		
SL023	SL023-IA005N		2031/1823		316	337	1		
	SL023-SS005N		2033/1823		479	60	1		
SL013	SL013-IA005N		2043/1834		165	344	1		
	SL013-SS005N		2043/1834		324	57	1		

C1008072

1. Relinquished By / Company	Date	Time	1. Received By/Company	Date	Time
Helen Of / AECOM	8/29/10	1600	Accle	8/30/10	
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Page 18 of 736

Centek Laboratories, LLC

Laboratory			Project Name	Analysis	Chain of Custody No.
Centek Laboratories			AFP 59 Vapor Intrusion Study	VOCs (TO-15)	APP59-4
Address			Point of Contact / Phone No.		Comments:
143 Midler Park Drive			Devon Chicoine (703) 706-0544		
City	State	Zip Code	Site Contact / Phone No.		
Syracuse	NY	13206	Drew Foley (734) 748-2883		
ERPIMS Information		Other Sample Information			

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)		Detection Limit
SL005	SL005-IA-0005N	8/27/10	2111/1844	AIR	202	296	1		___ 5ppbv
↓	SL005-SS-0005N	↓	2110/1844	↓	228	378	1		___ 1ug/M3
SL011	SL011-IA-0005N	↓	2120/1850	↓	92	260	1		X 1ug/M3+TCE .25
									Report Level
									___ Level 1
			156	8/28/10					___ Level II
									X Cat"B" Like

C1008072

	Date	Time		Date	Time
1. Relinquished By / Company: Helen at Fax / AECOM	8/29/10	1600	1. Received By/Company:	8/30/10	
2. Relinquished By / Company:	Date	Time	2. Received By/Company:	Date	Time
3. Relinquished By / Company:	Date	Time	3. Received By/Company:	Date	Time
4. Relinquished By / Company:	Date	Time	4. Received By/Company:	Date	Time
5. Relinquished By / Company:	Date	Time	5. Received By/Company:	Date	Time

Comments

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-IA-05N
Lab Order:	C1008072	**Tag Number:**	333,253
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-15			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,2,4-Trimethylbenzene	0.40	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,3,5-Trimethylbenzene	0.28	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 8:25:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Acetone	21	0.30	E	ppbV	1	8/30/2010 8:25:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Benzene	0.18	0.15		ppbV	1	8/30/2010 8:25:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Carbon disulfide	0.28	0.15		ppbV	1	8/30/2010 8:25:00 PM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/30/2010 8:25:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
cis-1,2-Dichloroethene	0.10	0.15	J	ppbV	1	8/30/2010 8:25:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Cyclohexane	0.13	0.15	J	ppbV	1	8/30/2010 8:25:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-IA-05N
Lab Order:	C1008072	**Tag Number:**	333,253
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/30/2010 8:25:00 PM
Ethylbenzene	0.12	0.15	J	ppbV	1	8/30/2010 8:25:00 PM
Freon 11	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Heptane	0.12	0.15	J	ppbV	1	8/30/2010 8:25:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Hexane	0.91	0.15		ppbV	1	8/30/2010 8:25:00 PM
Isopropyl alcohol	150	0.15	E	ppbV	1	8/30/2010 8:25:00 PM
m&p-Xylene	0.33	0.30		ppbV	1	8/30/2010 8:25:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 8:25:00 PM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	8/30/2010 8:25:00 PM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	8/30/2010 8:25:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Methylene chloride	0.32	0.15		ppbV	1	8/30/2010 8:25:00 PM
o-Xylene	0.13	0.15	J	ppbV	1	8/30/2010 8:25:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Styrene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Toluene	1.6	0.15		ppbV	1	8/30/2010 8:25:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Trichloroethene	0.29	0.040		ppbV	1	8/30/2010 8:25:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 8:25:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 8:25:00 PM
Surr: Bromofluorobenzene	102	70-130		%REC	1	8/30/2010 8:25:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-IA-05N
Lab Order:	C1008072	**Tag Number:**	333,253
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 8:25:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 8:25:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 8:25:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 8:25:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 8:25:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 8:25:00 PM
1,2,4-Trimethylbenzene	2.0	0.75		ug/m3	1	8/30/2010 8:25:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 8:25:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 8:25:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 8:25:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 8:25:00 PM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	8/30/2010 8:25:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 8:25:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 8:25:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 8:25:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 8:25:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/30/2010 8:25:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/30/2010 8:25:00 PM
Acetone	50	0.72	E	ug/m3	1	8/30/2010 8:25:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 8:25:00 PM
Benzene	0.58	0.49		ug/m3	1	8/30/2010 8:25:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 8:25:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 8:25:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 8:25:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 8:25:00 PM
Carbon disulfide	0.89	0.47		ug/m3	1	8/30/2010 8:25:00 PM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/30/2010 8:25:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 8:25:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 8:25:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 8:25:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 8:25:00 PM
cis-1,2-Dichloroethene	0.40	0.60	J	ug/m3	1	8/30/2010 8:25:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 8:25:00 PM
Cyclohexane	0.45	0.52	J	ug/m3	1	8/30/2010 8:25:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 8:25:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/30/2010 8:25:00 PM
Ethylbenzene	0.53	0.66	J	ug/m3	1	8/30/2010 8:25:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	8/30/2010 8:25:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-IA-05N
Lab Order:	C1008072	**Tag Number:**	333,253
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-001A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 8:25:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 8:25:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 8:25:00 PM
Heptane	0.50	0.62	J	ug/m3	1	8/30/2010 8:25:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 8:25:00 PM
Hexane	3.3	0.54		ug/m3	1	8/30/2010 8:25:00 PM
Isopropyl alcohol	370	0.37	E	ug/m3	1	8/30/2010 8:25:00 PM
m&p-Xylene	1.5	1.3		ug/m3	1	8/30/2010 8:25:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 8:25:00 PM
Methyl Ethyl Ketone	3.3	0.90		ug/m3	1	8/30/2010 8:25:00 PM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	8/30/2010 8:25:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 8:25:00 PM
Methylene chloride	1.1	0.53		ug/m3	1	8/30/2010 8:25:00 PM
o-Xylene	0.57	0.66	J	ug/m3	1	8/30/2010 8:25:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 8:25:00 PM
Styrene	< 0.65	0.65		ug/m3	1	8/30/2010 8:25:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 8:25:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 8:25:00 PM
Toluene	6.2	0.57		ug/m3	1	8/30/2010 8:25:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 8:25:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 8:25:00 PM
Trichloroethene	1.6	0.22		ug/m3	1	8/30/2010 8:25:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 8:25:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 8:25:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 8:25:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT: AECOM
Lab Order: C1008072
Project: AFP 59 60160780.08
Lab ID: C1008072-002A

Client Sample ID: SL041-SS-05N
Tag Number: 458,261
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	87	12		ppbV	80	9/3/2010 6:39:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,1-Dichloroethane	0.76	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,2,4-Trimethylbenzene	1.4	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,3,5-Trimethylbenzene	0.41	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 9:14:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
4-ethyltoluene	0.46	0.15		ppbV	1	8/31/2010 9:14:00 PM
Acetone	33	12		ppbV	40	9/1/2010 8:50:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Benzene	0.45	0.15		ppbV	1	8/31/2010 9:14:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Carbon disulfide	0.22	0.15		ppbV	1	8/31/2010 9:14:00 PM
Carbon tetrachloride	0.25	0.15		ppbV	1	8/31/2010 9:14:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Chloroform	0.20	0.15		ppbV	1	8/31/2010 9:14:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Cyclohexane	0.17	0.15		ppbV	1	8/31/2010 9:14:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-SS-05N
Lab Order:	C1008072	**Tag Number:**	458,261
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.62	0.25		ppbV	1	8/31/2010 9:14:00 PM
Ethylbenzene	1.2	0.15		ppbV	1	8/31/2010 9:14:00 PM
Freon 11	0.40	0.15		ppbV	1	8/31/2010 9:14:00 PM
Freon 113	4.6	0.75		ppbV	5	9/1/2010 8:11:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Freon 12	0.46	0.15		ppbV	1	8/31/2010 9:14:00 PM
Heptane	0.13	0.15	J	ppbV	1	8/31/2010 9:14:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Hexane	0.39	0.15		ppbV	1	8/31/2010 9:14:00 PM
Isopropyl alcohol	110	12		ppbV	80	9/3/2010 6:39:00 PM
m&p-Xylene	2.5	1.5		ppbV	5	9/1/2010 8:11:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 9:14:00 PM
Methyl Ethyl Ketone	0.68	0.30		ppbV	1	8/31/2010 9:14:00 PM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	8/31/2010 9:14:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Methylene chloride	0.48	0.15		ppbV	1	8/31/2010 9:14:00 PM
o-Xylene	0.87	0.15		ppbV	1	8/31/2010 9:14:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Styrene	0.23	0.15		ppbV	1	8/31/2010 9:14:00 PM
Tetrachloroethylene	0.29	0.15		ppbV	1	8/31/2010 9:14:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Toluene	4.2	0.75		ppbV	5	9/1/2010 8:11:00 PM
trans-1,2-Dichloroethene	0.11	0.15	J	ppbV	1	8/31/2010 9:14:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Trichloroethene	0.56	0.15		ppbV	1	8/31/2010 9:14:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:14:00 PM
Surr: Bromofluorobenzene	114	70-130		%REC	1	8/31/2010 9:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-SS-05N
Lab Order:	C1008072	**Tag Number:**	458,261
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	480	67		ug/m3	80	9/3/2010 6:39:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 9:14:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 9:14:00 PM
1,1-Dichloroethane	3.1	0.62		ug/m3	1	8/31/2010 9:14:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:14:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 9:14:00 PM
1,2,4-Trimethylbenzene	6.8	0.75		ug/m3	1	8/31/2010 9:14:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 9:14:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:14:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 9:14:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 9:14:00 PM
1,3,5-Trimethylbenzene	2.0	0.75		ug/m3	1	8/31/2010 9:14:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 9:14:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:14:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:14:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 9:14:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 9:14:00 PM
4-ethyltoluene	2.3	0.75		ug/m3	1	8/31/2010 9:14:00 PM
Acetone	80	29		ug/m3	40	9/1/2010 8:50:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 9:14:00 PM
Benzene	1.5	0.49		ug/m3	1	8/31/2010 9:14:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 9:14:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 9:14:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 9:14:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 9:14:00 PM
Carbon disulfide	0.70	0.47		ug/m3	1	8/31/2010 9:14:00 PM
Carbon tetrachloride	1.6	0.96		ug/m3	1	8/31/2010 9:14:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 9:14:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 9:14:00 PM
Chloroform	0.99	0.74		ug/m3	1	8/31/2010 9:14:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 9:14:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:14:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 9:14:00 PM
Cyclohexane	0.59	0.52		ug/m3	1	8/31/2010 9:14:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 9:14:00 PM
Ethyl acetate	2.3	0.92		ug/m3	1	8/31/2010 9:14:00 PM
Ethylbenzene	5.5	0.66		ug/m3	1	8/31/2010 9:14:00 PM
Freon 11	2.3	0.86		ug/m3	1	8/31/2010 9:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-SS-05N
Lab Order:	C1008072	**Tag Number:**	458,261
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-002A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	35	5.8		ug/m3	5	9/1/2010 8:11:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 9:14:00 PM
Freon 12	2.3	0.75		ug/m3	1	8/31/2010 9:14:00 PM
Heptane	0.54	0.62	J	ug/m3	1	8/31/2010 9:14:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 9:14:00 PM
Hexane	1.4	0.54		ug/m3	1	8/31/2010 9:14:00 PM
Isopropyl alcohol	270	30		ug/m3	80	9/3/2010 6:39:00 PM
m&p-Xylene	11	6.6		ug/m3	5	9/1/2010 8:11:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 9:14:00 PM
Methyl Ethyl Ketone	2.0	0.90		ug/m3	1	8/31/2010 9:14:00 PM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	8/31/2010 9:14:00 PM
Methyl tert-butyl ether	0.55	0.55		ug/m3	1	8/31/2010 9:14:00 PM
Methylene chloride	1.7	0.53		ug/m3	1	8/31/2010 9:14:00 PM
o-Xylene	3.8	0.66		ug/m3	1	8/31/2010 9:14:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 9:14:00 PM
Styrene	1.0	0.65		ug/m3	1	8/31/2010 9:14:00 PM
Tetrachloroethylene	2.0	1.0		ug/m3	1	8/31/2010 9:14:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 9:14:00 PM
Toluene	16	2.9		ug/m3	5	9/1/2010 8:11:00 PM
trans-1,2-Dichloroethene	0.44	0.60	J	ug/m3	1	8/31/2010 9:14:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 9:14:00 PM
Trichloroethene	3.1	0.82		ug/m3	1	8/31/2010 9:14:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 9:14:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 9:14:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	8/31/2010 9:14:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-SS-05D
Lab Order:	C1008072	**Tag Number:**	315,392
Project:	AFP 59 60160780.08	**Collectiou Date:**	8/27/2010
Lab ID:	C1008072-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-12			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	76	6.0		ppbV	40	9/1/2010 10:09:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,1-Dichloroethane	0.81	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,1-Dichloroethene	0.11	0.15	J	ppbV	1	8/31/2010 9:50:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,2,4-Trimethylbenzene	2.0	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,3,5-Trimethylbenzene	0.59	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 9:50:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
4-ethyltoluene	0.73	0.15		ppbV	1	8/31/2010 9:50:00 PM
Acetone	13	3.0		ppbV	10	9/1/2010 9:30:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Benzene	0.90	0.15		ppbV	1	8/31/2010 9:50:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Carbon disulfide	0.29	0.15		ppbV	1	8/31/2010 9:50:00 PM
Carbon tetrachloride	0.28	0.15		ppbV	1	8/31/2010 9:50:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Chloroform	0.23	0.15		ppbV	1	8/31/2010 9:50:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Cyclohexane	0.26	0.15		ppbV	1	8/31/2010 9:50:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-SS-05D
Lab Order:	C1008072	**Tag Number:**	315,392
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.54	0.25		ppbV	1	8/31/2010 9:50:00 PM
Ethylbenzene	2.1	1.5		ppbV	10	9/1/2010 9:30:00 PM
Freon 11	0.49	0.15		ppbV	1	8/31/2010 9:50:00 PM
Freon 113	7.4	1.5		ppbV	10	9/1/2010 9:30:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Freon 12	0.51	0.15		ppbV	1	8/31/2010 9:50:00 PM
Heptane	0.37	0.15		ppbV	1	8/31/2010 9:50:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Hexane	0.80	0.15		ppbV	1	8/31/2010 9:50:00 PM
Isopropyl alcohol	49	6.0		ppbV	40	9/1/2010 10:09:00 PM
m&p-Xylene	4.3	3.0		ppbV	10	9/1/2010 9:30:00 PM
Methyl Butyl Ketone	0.31	0.30		ppbV	1	8/31/2010 9:50:00 PM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	8/31/2010 9:50:00 PM
Methyl Isobutyl Ketone	0.27	0.30	J	ppbV	1	8/31/2010 9:50:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Methylene chloride	0.41	0.15		ppbV	1	8/31/2010 9:50:00 PM
o-Xylene	1.5	0.15		ppbV	1	8/31/2010 9:50:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Styrene	0.35	0.15		ppbV	1	8/31/2010 9:50:00 PM
Tetrachloroethylene	0.29	0.15		ppbV	1	8/31/2010 9:50:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Toluene	7.0	1.5		ppbV	10	9/1/2010 9:30:00 PM
trans-1,2-Dichloroethene	0.19	0.15		ppbV	1	8/31/2010 9:50:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Trichloroethene	0.85	0.15		ppbV	1	8/31/2010 9:50:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:50:00 PM
Surr: Bromofluorobenzene	106	70-130		%REC	1	8/31/2010 9:50:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-SS-05D
Lab Order:	C1008072	**Tag Number:**	315,392
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	420	33		ug/m3	40	9/1/2010 10:09:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 9:50:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 9:50:00 PM
1,1-Dichloroethane	3.3	0.62		ug/m3	1	8/31/2010 9:50:00 PM
1,1-Dichloroethene	0.44	0.60	J	ug/m3	1	8/31/2010 9:50:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 9:50:00 PM
1,2,4-Trimethylbenzene	9.8	0.75		ug/m3	1	8/31/2010 9:50:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 9:50:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:50:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 9:50:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 9:50:00 PM
1,3,5-Trimethylbenzene	2.9	0.75		ug/m3	1	8/31/2010 9:50:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 9:50:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:50:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:50:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 9:50:00 PM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	8/31/2010 9:50:00 PM
4-ethyltoluene	3.6	0.75		ug/m3	1	8/31/2010 9:50:00 PM
Acetone	32	7.2		ug/m3	10	9/1/2010 9:30:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 9:50:00 PM
Benzene	2.9	0.49		ug/m3	1	8/31/2010 9:50:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 9:50:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 9:50:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 9:50:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 9:50:00 PM
Carbon disulfide	0.92	0.47		ug/m3	1	8/31/2010 9:50:00 PM
Carbon tetrachloride	1.8	0.96		ug/m3	1	8/31/2010 9:50:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 9:50:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 9:50:00 PM
Chloroform	1.1	0.74		ug/m3	1	8/31/2010 9:50:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 9:50:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:50:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 9:50:00 PM
Cyclohexane	0.91	0.52		ug/m3	1	8/31/2010 9:50:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 9:50:00 PM
Ethyl acetate	2.0	0.92		ug/m3	1	8/31/2010 9:50:00 PM
Ethylbenzene	9.3	6.6		ug/m3	10	9/1/2010 9:30:00 PM
Freon 11	2.8	0.86		ug/m3	1	8/31/2010 9:50:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL041-SS-05D
Lab Order:	C1008072	**Tag Number:**	315,392
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-003A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	58	12		ug/m3	10	9/1/2010 9:30:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 9:50:00 PM
Freon 12	2.6	0.75		ug/m3	1	8/31/2010 9:50:00 PM
Heptane	1.5	0.62		ug/m3	1	8/31/2010 9:50:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 9:50:00 PM
Hexane	2.9	0.54		ug/m3	1	8/31/2010 9:50:00 PM
Isopropyl alcohol	120	15		ug/m3	40	9/1/2010 10:09:00 PM
m&p-Xylene	19	13		ug/m3	10	9/1/2010 9:30:00 PM
Methyl Butyl Ketone	1.3	1.2		ug/m3	1	8/31/2010 9:50:00 PM
Methyl Ethyl Ketone	3.2	0.90		ug/m3	1	8/31/2010 9:50:00 PM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	8/31/2010 9:50:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 9:50:00 PM
Methylene chloride	1.4	0.53		ug/m3	1	8/31/2010 9:50:00 PM
o-Xylene	6.7	0.66		ug/m3	1	8/31/2010 9:50:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 9:50:00 PM
Styrene	1.5	0.65		ug/m3	1	8/31/2010 9:50:00 PM
Tetrachloroethylene	2.0	1.0		ug/m3	1	8/31/2010 9:50:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 9:50:00 PM
Toluene	27	5.7		ug/m3	10	9/1/2010 9:30:00 PM
trans-1,2-Dichloroethene	0.77	0.60		ug/m3	1	8/31/2010 9:50:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 9:50:00 PM
Trichloroethene	4.6	0.82		ug/m3	1	8/31/2010 9:50:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 9:50:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 9:50:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	8/31/2010 9:50:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL108-IA-05N
Lab Order:	C1008072	**Tag Number:**	571,294
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,2,4-Trimethylbenzene	0.27	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 9:00:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Acetone	18	1.5	E	ppbV	5	8/31/2010 1:10:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Benzene	0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Carbon disulfide	0.19	0.15		ppbV	1	8/30/2010 9:00:00 PM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/30/2010 9:00:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Cyclohexane	0.13	0.15	J	ppbV	1	8/30/2010 9:00:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL108-IA-05N
Lab Order:	C1008072	**Tag Number:**	571,294
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	0.55	0.25		ppbV	1	8/30/2010 9:00:00 PM
Ethylbenzene	0.10	0.15	J	ppbV	1	8/30/2010 9:00:00 PM
Freon 11	0.31	0.15		ppbV	1	8/30/2010 9:00:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Heptane	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Hexane	0.90	0.15		ppbV	1	8/30/2010 9:00:00 PM
Isopropyl alcohol	150	0.75	E	ppbV	5	8/31/2010 1:10:00 PM
m&p-Xylene	0.30	0.30		ppbV	1	8/30/2010 9:00:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 9:00:00 PM
Methyl Ethyl Ketone	2.0	0.30		ppbV	1	8/30/2010 9:00:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 9:00:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Methylene chloride	0.16	0.15		ppbV	1	8/30/2010 9:00:00 PM
o-Xylene	0.10	0.15	J	ppbV	1	8/30/2010 9:00:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Styrene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Toluene	2.3	0.75		ppbV	5	8/31/2010 1:10:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Trichloroethene	0.14	0.040		ppbV	1	8/30/2010 9:00:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 9:00:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 9:00:00 PM
Surr: Bromofluorobenzene	107	70-130		%REC	1	8/30/2010 9:00:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL108-IA-05N
Lab Order:	C1008072	**Tag Number:**	571,294
Project:	AFP 59 60160780.08	**Collectiou Date:**	8/27/2010
Lab ID:	C1008072-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 9:00:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 9:00:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 9:00:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 9:00:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:00:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 9:00:00 PM
1,2,4-Trimethylbenzene	1.3	0.75		ug/m3	1	8/30/2010 9:00:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 9:00:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:00:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 9:00:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 9:00:00 PM
1,3,5-Trimethylbenzene	< 0.75	0.75		ug/m3	1	8/30/2010 9:00:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 9:00:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:00:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:00:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 9:00:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/30/2010 9:00:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/30/2010 9:00:00 PM
Acetone	43	3.6	E	ug/m3	5	8/31/2010 1:10:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 9:00:00 PM
Benzene	0.49	0.49		ug/m3	1	8/30/2010 9:00:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 9:00:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 9:00:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 9:00:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 9:00:00 PM
Carbon disulfide	0.60	0.47		ug/m3	1	8/30/2010 9:00:00 PM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/30/2010 9:00:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 9:00:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 9:00:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 9:00:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 9:00:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:00:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 9:00:00 PM
Cyclohexane	0.45	0.52	J	ug/m3	1	8/30/2010 9:00:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 9:00:00 PM
Ethyl acetate	2.0	0.92		ug/m3	1	8/30/2010 9:00:00 PM
Ethylbenzene	0.44	0.66	J	ug/m3	1	8/30/2010 9:00:00 PM
Freon 11	1.8	0.86		ug/m3	1	8/30/2010 9:00:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL108-IA-05N
Lab Order:	C1008072	**Tag Number:**	571,294
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 9:00:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 9:00:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 9:00:00 PM
Heptane	< 0.62	0.62		ug/m3	1	8/30/2010 9:00:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 9:00:00 PM
Hexane	3.2	0.54		ug/m3	1	8/30/2010 9:00:00 PM
Isopropyl alcohol	380	1.9	E	ug/m3	5	8/31/2010 1:10:00 PM
m&p-Xylene	1.3	1.3		ug/m3	1	8/30/2010 9:00:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 9:00:00 PM
Methyl Ethyl Ketone	5.9	0.90		ug/m3	1	8/30/2010 9:00:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 9:00:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 9:00:00 PM
Methylene chloride	0.56	0.53		ug/m3	1	8/30/2010 9:00:00 PM
o-Xylene	0.44	0.66	J	ug/m3	1	8/30/2010 9:00:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 9:00:00 PM
Styrene	< 0.65	0.65		ug/m3	1	8/30/2010 9:00:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 9:00:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 9:00:00 PM
Toluene	8.8	2.9		ug/m3	5	8/31/2010 1:10:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:00:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 9:00:00 PM
Trichloroethene	0.76	0.22		ug/m3	1	8/30/2010 9:00:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 9:00:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 9:00:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 9:00:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL108-SS-05N
Lab Order:	C1008072	**Tag Number:**	366,445
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	0.39	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,2,4-Trimethylbenzene	0.31	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,3,5-Trimethylbenzene	0.14	0.15	J	ppbV	1	8/31/2010 10:26:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 10:26:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Acetone	11	1.5		ppbV	5	9/1/2010 10:46:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Benzene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Carbon disulfide	0.14	0.15	J	ppbV	1	8/31/2010 10:26:00 PM
Carbon tetrachloride	0.14	0.15	J	ppbV	1	8/31/2010 10:26:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Chloroethane	0.20	0.15		ppbV	1	8/31/2010 10:26:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Chloromethane	0.13	0.15	J	ppbV	1	8/31/2010 10:26:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Cyclohexane	0.21	0.15		ppbV	1	8/31/2010 10:26:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL108-SS-05N
Lab Order:	C1008072	**Tag Number:**	366,445
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.28	0.25		ppbV	1	8/31/2010 10:26:00 PM
Ethylbenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Freon 11	0.17	0.15		ppbV	1	8/31/2010 10:26:00 PM
Freon 113	0.26	0.15		ppbV	1	8/31/2010 10:26:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Freon 12	0.34	0.15		ppbV	1	8/31/2010 10:26:00 PM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Hexane	0.34	0.15		ppbV	1	8/31/2010 10:26:00 PM
Isopropyl alcohol	54	0.75	E	ppbV	5	9/1/2010 10:46:00 PM
m&p-Xylene	0.26	0.30	J	ppbV	1	8/31/2010 10:26:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 10:26:00 PM
Methyl Ethyl Ketone	0.83	0.30		ppbV	1	8/31/2010 10:26:00 PM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	8/31/2010 10:26:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Methylene chloride	0.16	0.15		ppbV	1	8/31/2010 10:26:00 PM
o-Xylene	0.12	0.15	J	ppbV	1	8/31/2010 10:26:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Toluene	1.8	0.75		ppbV	5	9/1/2010 10:46:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Trichloroethene	0.42	0.15		ppbV	1	8/31/2010 10:26:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 10:26:00 PM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	8/31/2010 10:26:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL108-SS-05N
Lab Order:	C1008072	**Tag Number:**	366,445
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	2.2	0.83		ug/m3	1	8/31/2010 10:26:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 10:26:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 10:26:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 10:26:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 10:26:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 10:26:00 PM
1,2,4-Trimethylbenzene	1.5	0.75		ug/m3	1	8/31/2010 10:26:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 10:26:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 10:26:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 10:26:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 10:26:00 PM
1,3,5-Trimethylbenzene	0.70	0.75	J	ug/m3	1	8/31/2010 10:26:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 10:26:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 10:26:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 10:26:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 10:26:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 10:26:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 10:26:00 PM
Acetone	26	3.6		ug/m3	5	9/1/2010 10:46:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 10:26:00 PM
Benzene	< 0.49	0.49		ug/m3	1	8/31/2010 10:26:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 10:26:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 10:26:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 10:26:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 10:26:00 PM
Carbon disulfide	0.44	0.47	J	ug/m3	1	8/31/2010 10:26:00 PM
Carbon tetrachloride	0.90	0.96	J	ug/m3	1	8/31/2010 10:26:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 10:26:00 PM
Chloroethane	0.54	0.40		ug/m3	1	8/31/2010 10:26:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 10:26:00 PM
Chloromethane	0.27	0.31	J	ug/m3	1	8/31/2010 10:26:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 10:26:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 10:26:00 PM
Cyclohexane	0.73	0.52		ug/m3	1	8/31/2010 10:26:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 10:26:00 PM
Ethyl acetate	1.0	0.92		ug/m3	1	8/31/2010 10:26:00 PM
Ethylbenzene	< 0.66	0.66		ug/m3	1	8/31/2010 10:26:00 PM
Freon 11	0.97	0.86		ug/m3	1	8/31/2010 10:26:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL108-SS-05N
Lab Order:	C1008072	**Tag Number:**	366,445
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-005A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	2.0	1.2		ug/m3	1	8/31/2010 10:26:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 10:26:00 PM
Freon 12	1.7	0.75		ug/m3	1	8/31/2010 10:26:00 PM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 10:26:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 10:26:00 PM
Hexane	1.2	0.54		ug/m3	1	8/31/2010 10:26:00 PM
Isopropyl alcohol	140	1.9	E	ug/m3	5	9/1/2010 10:46:00 PM
m&p-Xylene	1.1	1.3	J	ug/m3	1	8/31/2010 10:26:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 10:26:00 PM
Methyl Ethyl Ketone	2.5	0.90		ug/m3	1	8/31/2010 10:26:00 PM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	8/31/2010 10:26:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 10:26:00 PM
Methylene chloride	0.56	0.53		ug/m3	1	8/31/2010 10:26:00 PM
o-Xylene	0.53	0.66	J	ug/m3	1	8/31/2010 10:26:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 10:26:00 PM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 10:26:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 10:26:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 10:26:00 PM
Toluene	6.7	2.9		ug/m3	5	9/1/2010 10:46:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 10:26:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 10:26:00 PM
Trichloroethene	2.3	0.82		ug/m3	1	8/31/2010 10:26:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 10:26:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 10:26:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	8/31/2010 10:26:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL088-IA-05N
Lab Order:	C1008072	**Tag Number:**	101,264
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,2,4-Trimethylbenzene	0.29	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,3,5-Trimethylbenzene	0.16	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 9:34:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Acetone	17	0.30	E	ppbV	1	8/30/2010 9:34:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Benzene	0.13	0.15	J	ppbV	1	8/30/2010 9:34:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Carbon disulfide	0.16	0.15		ppbV	1	8/30/2010 9:34:00 PM
Carbon tetrachloride	0.060	0.040		ppbV	1	8/30/2010 9:34:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Chloromethane	0.28	0.15		ppbV	1	8/30/2010 9:34:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL088-IA-05N
Lab Order:	C1008072	**Tag Number:**	101,264
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
Ethyl acetate	0.71	0.25		ppbV	1	8/30/2010 9:34:00 PM
Ethylbenzene	0.13	0.15	J	ppbV	1	8/30/2010 9:34:00 PM
Freon 11	0.22	0.15		ppbV	1	8/30/2010 9:34:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Freon 12	0.40	0.15		ppbV	1	8/30/2010 9:34:00 PM
Heptane	0.19	0.15		ppbV	1	8/30/2010 9:34:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Hexane	0.43	0.15		ppbV	1	8/30/2010 9:34:00 PM
Isopropyl alcohol	260	0.15	E	ppbV	1	8/30/2010 9:34:00 PM
m&p-Xylene	0.40	0.30		ppbV	1	8/30/2010 9:34:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 9:34:00 PM
Methyl Ethyl Ketone	0.55	0.30		ppbV	1	8/30/2010 9:34:00 PM
Methyl Isobutyl Ketone	0.26	0.30	J	ppbV	1	8/30/2010 9:34:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Methylene chloride	0.31	0.15		ppbV	1	8/30/2010 9:34:00 PM
o-Xylene	0.14	0.15	J	ppbV	1	8/30/2010 9:34:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Styrene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Toluene	1.4	0.15		ppbV	1	8/30/2010 9:34:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Trichloroethene	0.17	0.040		ppbV	1	8/30/2010 9:34:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 9:34:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 9:34:00 PM
Surr: Bromofluorobenzene	108	70-130		%REC	1	8/30/2010 9:34:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL088-IA-05N
Lab Order:	C1008072	**Tag Number:**	101,264
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 9:34:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 9:34:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 9:34:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 9:34:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:34:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 9:34:00 PM
1,2,4-Trimethylbenzene	1.4	0.75		ug/m3	1	8/30/2010 9:34:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 9:34:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:34:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 9:34:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 9:34:00 PM
1,3,5-Trimethylbenzene	0.80	0.75		ug/m3	1	8/30/2010 9:34:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 9:34:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:34:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:34:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 9:34:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/30/2010 9:34:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/30/2010 9:34:00 PM
Acetone	41	0.72	E	ug/m3	1	8/30/2010 9:34:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 9:34:00 PM
Benzene	0.42	0.49	J	ug/m3	1	8/30/2010 9:34:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 9:34:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 9:34:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 9:34:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 9:34:00 PM
Carbon disulfide	0.51	0.47		ug/m3	1	8/30/2010 9:34:00 PM
Carbon tetrachloride	0.38	0.26		ug/m3	1	8/30/2010 9:34:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 9:34:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 9:34:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 9:34:00 PM
Chloromethane	0.59	0.31		ug/m3	1	8/30/2010 9:34:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:34:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 9:34:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/30/2010 9:34:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 9:34:00 PM
Ethyl acetate	2.6	0.92		ug/m3	1	8/30/2010 9:34:00 PM
Ethylbenzene	0.57	0.66	J	ug/m3	1	8/30/2010 9:34:00 PM
Freon 11	1.3	0.86		ug/m3	1	8/30/2010 9:34:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL088-IA-05N
Lab Order:	C1008072	**Tag Number:**	101,264
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 9:34:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 9:34:00 PM
Freon 12	2.0	0.75		ug/m3	1	8/30/2010 9:34:00 PM
Heptane	0.79	0.62		ug/m3	1	8/30/2010 9:34:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 9:34:00 PM
Hexane	1.5	0.54		ug/m3	1	8/30/2010 9:34:00 PM
Isopropyl alcohol	660	0.37	E	ug/m3	1	8/30/2010 9:34:00 PM
m&p-Xylene	1.8	1.3		ug/m3	1	8/30/2010 9:34:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 9:34:00 PM
Methyl Ethyl Ketone	1.6	0.90		ug/m3	1	8/30/2010 9:34:00 PM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	8/30/2010 9:34:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 9:34:00 PM
Methylene chloride	1.1	0.53		ug/m3	1	8/30/2010 9:34:00 PM
o-Xylene	0.62	0.66	J	ug/m3	1	8/30/2010 9:34:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 9:34:00 PM
Styrene	< 0.65	0.65		ug/m3	1	8/30/2010 9:34:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 9:34:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 9:34:00 PM
Toluene	5.2	0.57		ug/m3	1	8/30/2010 9:34:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:34:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 9:34:00 PM
Trichloroethene	0.93	0.22		ug/m3	1	8/30/2010 9:34:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 9:34:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 9:34:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 9:34:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT: AECOM
Lab Order: C1008072
Project: AFP 59 60160780.08
Lab ID: C1008072-007A

Client Sample ID: SL088-SS-05N
Tag Number: 188,59
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	110	12		ppbV	80	9/3/2010 7:14:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,1-Dichloroethene	2.4	0.75		ppbV	5	9/1/2010 11:24:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,2,4-Trimethylbenzene	0.36	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,3,5-Trimethylbenzene	0.21	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
1,4-Dioxane	0.90	0.30		ppbV	1	8/31/2010 11:02:00 PM
2,2,4-trimethylpentane	0.13	0.15	J	ppbV	1	8/31/2010 11:02:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Acetone	70	24		ppbV	80	9/3/2010 7:14:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Benzene	3.4	0.75		ppbV	5	9/1/2010 11:24:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Carbon disulfide	0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Carbon tetrachloride	0.040	0.15	J	ppbV	1	8/31/2010 11:02:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Chloroethane	0.71	0.15		ppbV	1	8/31/2010 11:02:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Chloromethane	1.0	0.15		ppbV	1	8/31/2010 11:02:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Cyclohexane	8.3	0.75		ppbV	5	9/1/2010 11:24:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL088-SS-05N
Lab Order:	C1008072	**Tag Number:**	188,59
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 11:02:00 PM
Ethylbenzene	0.10	0.15	J	ppbV	1	8/31/2010 11:02:00 PM
Freon 11	0.17	0.15		ppbV	1	8/31/2010 11:02:00 PM
Freon 113	0.94	0.15		ppbV	1	8/31/2010 11:02:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Freon 12	0.29	0.15		ppbV	1	8/31/2010 11:02:00 PM
Heptane	0.56	0.15		ppbV	1	8/31/2010 11:02:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Hexane	5.8	0.75		ppbV	5	9/1/2010 11:24:00 PM
Isopropyl alcohol	70	12		ppbV	80	9/3/2010 7:14:00 PM
m&p-Xylene	0.25	0.30	J	ppbV	1	8/31/2010 11:02:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 11:02:00 PM
Methyl Ethyl Ketone	1.4	0.30		ppbV	1	8/31/2010 11:02:00 PM
Methyl Isobutyl Ketone	0.37	0.30		ppbV	1	8/31/2010 11:02:00 PM
Methyl tert-butyl ether	0.24	0.15		ppbV	1	8/31/2010 11:02:00 PM
Methylene chloride	2.0	0.15		ppbV	1	8/31/2010 11:02:00 PM
o-Xylene	0.13	0.15	J	ppbV	1	8/31/2010 11:02:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Toluene	1.5	0.75		ppbV	5	9/1/2010 11:24:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Trichloroethene	0.26	0.15		ppbV	1	8/31/2010 11:02:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 11:02:00 PM
Vinyl chloride	0.12	0.15	J	ppbV	1	8/31/2010 11:02:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	8/31/2010 11:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL088-SS-05N
Lab Order:	C1008072	**Tag Number:**	188,59
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	630	67		ug/m3	80	9/3/2010 7:14:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 11:02:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 11:02:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 11:02:00 PM
1,1-Dichloroethene	9.7	3.0		ug/m3	5	9/1/2010 11:24:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 11:02:00 PM
1,2,4-Trimethylbenzene	1.8	0.75		ug/m3	1	8/31/2010 11:02:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 11:02:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 11:02:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 11:02:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 11:02:00 PM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	8/31/2010 11:02:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 11:02:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 11:02:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 11:02:00 PM
1,4-Dioxane	3.3	1.1		ug/m3	1	8/31/2010 11:02:00 PM
2,2,4-trimethylpentane	0.62	0.71	J	ug/m3	1	8/31/2010 11:02:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 11:02:00 PM
Acetone	170	58		ug/m3	80	9/3/2010 7:14:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 11:02:00 PM
Benzene	11	2.4		ug/m3	5	9/1/2010 11:24:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 11:02:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 11:02:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 11:02:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 11:02:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	8/31/2010 11:02:00 PM
Carbon tetrachloride	0.26	0.96	J	ug/m3	1	8/31/2010 11:02:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 11:02:00 PM
Chloroethane	1.9	0.40		ug/m3	1	8/31/2010 11:02:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 11:02:00 PM
Chloromethane	2.1	0.31		ug/m3	1	8/31/2010 11:02:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 11:02:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 11:02:00 PM
Cyclohexane	29	2.6		ug/m3	5	9/1/2010 11:24:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 11:02:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 11:02:00 PM
Ethylbenzene	0.44	0.66	J	ug/m3	1	8/31/2010 11:02:00 PM
Freon 11	0.97	0.86		ug/m3	1	8/31/2010 11:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL088-SS-05N
Lab Order:	C1008072	**Tag Number:**	188,59
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-007A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	7.3	1.2		ug/m3	1	8/31/2010 11:02:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 11:02:00 PM
Freon 12	1.5	0.75		ug/m3	1	8/31/2010 11:02:00 PM
Heptane	2.3	0.62		ug/m3	1	8/31/2010 11:02:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 11:02:00 PM
Hexane	21	2.7		ug/m3	5	9/1/2010 11:24:00 PM
Isopropyl alcohol	170	30		ug/m3	80	9/3/2010 7:14:00 PM
m&p-Xylene	1.1	1.3	J	ug/m3	1	8/31/2010 11:02:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 11:02:00 PM
Methyl Ethyl Ketone	4.2	0.90		ug/m3	1	8/31/2010 11:02:00 PM
Methyl Isobutyl Ketone	1.5	1.2		ug/m3	1	8/31/2010 11:02:00 PM
Methyl tert-butyl ether	0.88	0.55		ug/m3	1	8/31/2010 11:02:00 PM
Methylene chloride	7.0	0.53		ug/m3	1	8/31/2010 11:02:00 PM
o-Xylene	0.57	0.66	J	ug/m3	1	8/31/2010 11:02:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 11:02:00 PM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 11:02:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 11:02:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 11:02:00 PM
Toluene	5.7	2.9		ug/m3	5	9/1/2010 11:24:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 11:02:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 11:02:00 PM
Trichloroethene	1.4	0.82		ug/m3	1	8/31/2010 11:02:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 11:02:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 11:02:00 PM
Vinyl chloride	0.31	0.39	J	ug/m3	1	8/31/2010 11:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL107-IA-05N
Lab Order:	C1008072	**Tag Number:**	431,398
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,2,4-Trimethylbenzene	0.25	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,3,5-Trimethylbenzene	0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 10:08:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Acetone	13	0.30	E	ppbV	1	8/30/2010 10:08:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Benzene	0.18	0.15		ppbV	1	8/30/2010 10:08:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Carbon disulfide	0.16	0.15		ppbV	1	8/30/2010 10:08:00 PM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/30/2010 10:08:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL107-IA-05N
Lab Order:	C1008072	**Tag Number:**	431,398
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
Ethyl acetate	< 0.25	0.25		ppbV	1	8/30/2010 10:08:00 PM
Ethylbenzene	0.12	0.15	J	ppbV	1	8/30/2010 10:08:00 PM
Freon 11	0.28	0.15		ppbV	1	8/30/2010 10:08:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Heptane	0.18	0.15		ppbV	1	8/30/2010 10:08:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Hexane	0.63	0.15		ppbV	1	8/30/2010 10:08:00 PM
Isopropyl alcohol	55	0.15	E	ppbV	1	8/30/2010 10:08:00 PM
m&p-Xylene	0.35	0.30		ppbV	1	8/30/2010 10:08:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 10:08:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 10:08:00 PM
Methyl Isobutyl Ketone	0.27	0.30	J	ppbV	1	8/30/2010 10:08:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Methylene chloride	0.30	0.15		ppbV	1	8/30/2010 10:08:00 PM
o-Xylene	0.11	0.15	J	ppbV	1	8/30/2010 10:08:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Styrene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Toluene	1.1	0.15		ppbV	1	8/30/2010 10:08:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Trichloroethene	0.11	0.040		ppbV	1	8/30/2010 10:08:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 10:08:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 10:08:00 PM
Surr: Bromofluorobenzene	102	70-130		%REC	1	8/30/2010 10:08:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL107-IA-05N
Lab Order:	C1008072	**Tag Number:**	431,398
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 10:08:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 10:08:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 10:08:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 10:08:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 10:08:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 10:08:00 PM
1,2,4-Trimethylbenzene	1.2	0.75		ug/m3	1	8/30/2010 10:08:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 10:08:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:08:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 10:08:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 10:08:00 PM
1,3,5-Trimethylbenzene	0.75	0.75		ug/m3	1	8/30/2010 10:08:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 10:08:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:08:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:08:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 10:08:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/30/2010 10:08:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/30/2010 10:08:00 PM
Acetone	30	0.72	E	ug/m3	1	8/30/2010 10:08:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 10:08:00 PM
Benzene	0.58	0.49		ug/m3	1	8/30/2010 10:08:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 10:08:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 10:08:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 10:08:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 10:08:00 PM
Carbon disulfide	0.51	0.47		ug/m3	1	8/30/2010 10:08:00 PM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/30/2010 10:08:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 10:08:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 10:08:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 10:08:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 10:08:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 10:08:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 10:08:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/30/2010 10:08:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 10:08:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/30/2010 10:08:00 PM
Ethylbenzene	0.53	0.66	J	ug/m3	1	8/30/2010 10:08:00 PM
Freon 11	1.6	0.86		ug/m3	1	8/30/2010 10:08:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT: AECOM
Lab Order: C1008072
Project: AFP 59 60160780.08
Lab ID: C1008072-008A

Client Sample ID: SL107-IA-05N
Tag Number: 431,398
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 10:08:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 10:08:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 10:08:00 PM
Heptane	0.75	0.62		ug/m3	1	8/30/2010 10:08:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 10:08:00 PM
Hexane	2.3	0.54		ug/m3	1	8/30/2010 10:08:00 PM
Isopropyl alcohol	140	0.37	E	ug/m3	1	8/30/2010 10:08:00 PM
m&p-Xylene	1.5	1.3		ug/m3	1	8/30/2010 10:08:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 10:08:00 PM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/30/2010 10:08:00 PM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	8/30/2010 10:08:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 10:08:00 PM
Methylene chloride	1.1	0.53		ug/m3	1	8/30/2010 10:08:00 PM
o-Xylene	0.49	0.66	J	ug/m3	1	8/30/2010 10:08:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 10:08:00 PM
Styrene	< 0.65	0.65		ug/m3	1	8/30/2010 10:08:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 10:08:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 10:08:00 PM
Toluene	4.2	0.57		ug/m3	1	8/30/2010 10:08:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 10:08:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 10:08:00 PM
Trichloroethene	0.60	0.22		ug/m3	1	8/30/2010 10:08:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 10:08:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 10:08:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 10:08:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL107-SS-05N
Lab Order:	C1008072	**Tag Number:**	462,68
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	1.5	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,2,4-Trimethylbenzene	0.44	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,3,5-Trimethylbenzene	0.24	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 11:37:00 PM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	8/31/2010 11:37:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Acetone	9.9	3.0		ppbV	10	9/2/2010 12:39:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Benzene	0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Carbon disulfide	0.20	0.15		ppbV	1	8/31/2010 11:37:00 PM
Carbon tetrachloride	0.040	0.15	J	ppbV	1	8/31/2010 11:37:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Chloroethane	0.14	0.15	J	ppbV	1	8/31/2010 11:37:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Chloromethane	0.33	0.15		ppbV	1	8/31/2010 11:37:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Cyclohexane	0.19	0.15		ppbV	1	8/31/2010 11:37:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL107-SS-05N
Lab Order:	C1008072	**Tag Number:**	462,68
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.47	0.25		ppbV	1	8/31/2010 11:37:00 PM
Ethylbenzene	0.12	0.15	J	ppbV	1	8/31/2010 11:37:00 PM
Freon 11	1.7	0.15		ppbV	1	8/31/2010 11:37:00 PM
Freon 113	1.6	0.15		ppbV	1	8/31/2010 11:37:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Heptane	0.14	0.15	J	ppbV	1	8/31/2010 11:37:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Hexane	0.65	0.15		ppbV	1	8/31/2010 11:37:00 PM
Isopropyl alcohol	28	1.5	E	ppbV	10	9/2/2010 12:39:00 AM
m&p-Xylene	0.31	0.30		ppbV	1	8/31/2010 11:37:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 11:37:00 PM
Methyl Ethyl Ketone	0.87	0.30		ppbV	1	8/31/2010 11:37:00 PM
Methyl Isobutyl Ketone	0.31	0.30		ppbV	1	8/31/2010 11:37:00 PM
Methyl tert-butyl ether	0.36	0.15		ppbV	1	8/31/2010 11:37:00 PM
Methylene chloride	0.19	0.15		ppbV	1	8/31/2010 11:37:00 PM
o-Xylene	0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Toluene	0.93	0.15		ppbV	1	8/31/2010 11:37:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Trichloroethene	0.41	0.15		ppbV	1	8/31/2010 11:37:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 11:37:00 PM
Surr: Bromofluorobenzene	93.0	70-130		%REC	1	8/31/2010 11:37:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL107-SS-05N
Lab Order:	C1008072	**Tag Number:**	462,68
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	8.5	0.83		ug/m3	1	8/31/2010 11:37:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 11:37:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 11:37:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 11:37:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 11:37:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 11:37:00 PM
1,2,4-Trimethylbenzene	2.2	0.75		ug/m3	1	8/31/2010 11:37:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 11:37:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 11:37:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 11:37:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 11:37:00 PM
1,3,5-Trimethylbenzene	1.2	0.75		ug/m3	1	8/31/2010 11:37:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 11:37:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 11:37:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 11:37:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 11:37:00 PM
2,2,4-trimethylpentane	0.66	0.71	J	ug/m3	1	8/31/2010 11:37:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 11:37:00 PM
Acetone	24	7.2		ug/m3	10	9/2/2010 12:39:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 11:37:00 PM
Benzene	0.49	0.49		ug/m3	1	8/31/2010 11:37:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 11:37:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 11:37:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 11:37:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 11:37:00 PM
Carbon disulfide	0.63	0.47		ug/m3	1	8/31/2010 11:37:00 PM
Carbon tetrachloride	0.26	0.96	J	ug/m3	1	8/31/2010 11:37:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 11:37:00 PM
Chloroethane	0.38	0.40	J	ug/m3	1	8/31/2010 11:37:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 11:37:00 PM
Chloromethane	0.69	0.31		ug/m3	1	8/31/2010 11:37:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 11:37:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 11:37:00 PM
Cyclohexane	0.66	0.52		ug/m3	1	8/31/2010 11:37:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 11:37:00 PM
Ethyl acetate	1.7	0.92		ug/m3	1	8/31/2010 11:37:00 PM
Ethylbenzene	0.53	0.66	J	ug/m3	1	8/31/2010 11:37:00 PM
Freon 11	9.8	0.86		ug/m3	1	8/31/2010 11:37:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT: AECOM
Lab Order: C1008072
Project: AFP 59 60160780.08
Lab ID: C1008072-009A

Client Sample ID: SL107-SS-05N
Tag Number: 462,68
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: LL
Freon 113	13	1.2		ug/m3	1	8/31/2010 11:37:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 11:37:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 11:37:00 PM
Heptane	0.58	0.62	J	ug/m3	1	8/31/2010 11:37:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 11:37:00 PM
Hexane	2.3	0.54		ug/m3	1	8/31/2010 11:37:00 PM
Isopropyl alcohol	71	3.7	E	ug/m3	10	9/2/2010 12:39:00 AM
m&p-Xylene	1.4	1.3		ug/m3	1	8/31/2010 11:37:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 11:37:00 PM
Methyl Ethyl Ketone	2.6	0.90		ug/m3	1	8/31/2010 11:37:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	8/31/2010 11:37:00 PM
Methyl tert-butyl ether	1.3	0.55		ug/m3	1	8/31/2010 11:37:00 PM
Methylene chloride	0.67	0.53		ug/m3	1	8/31/2010 11:37:00 PM
o-Xylene	0.66	0.66		ug/m3	1	8/31/2010 11:37:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 11:37:00 PM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 11:37:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 11:37:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 11:37:00 PM
Toluene	3.6	0.57		ug/m3	1	8/31/2010 11:37:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 11:37:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 11:37:00 PM
Trichloroethene	2.2	0.82		ug/m3	1	8/31/2010 11:37:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 11:37:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 11:37:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	8/31/2010 11:37:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL023-IA-05N
Lab Order:	C1008072	**Tag Number:**	316,337
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,2,4-Trimethylbenzene	0.26	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 10:43:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Acetone	16	0.30	E	ppbV	1	8/30/2010 10:43:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Benzene	0.20	0.15		ppbV	1	8/30/2010 10:43:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Carbon disulfide	0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/30/2010 10:43:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL023-IA-05N
Lab Order:	C1008072	**Tag Number:**	316,337
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/30/2010 10:43:00 PM
Ethylbenzene	0.13	0.15	J	ppbV	1	8/30/2010 10:43:00 PM
Freon 11	0.35	0.15		ppbV	1	8/30/2010 10:43:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Heptane	0.29	0.15		ppbV	1	8/30/2010 10:43:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Hexane	0.68	0.15		ppbV	1	8/30/2010 10:43:00 PM
Isopropyl alcohol	68	0.15	E	ppbV	1	8/30/2010 10:43:00 PM
m&p-Xylene	0.39	0.30		ppbV	1	8/30/2010 10:43:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 10:43:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 10:43:00 PM
Methyl Isobutyl Ketone	0.20	0.30	J	ppbV	1	8/30/2010 10:43:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Methylene chloride	0.19	0.15		ppbV	1	8/30/2010 10:43:00 PM
o-Xylene	0.13	0.15	J	ppbV	1	8/30/2010 10:43:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Styrene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Toluene	1.2	0.15		ppbV	1	8/30/2010 10:43:00 PM
trans-1,2-Dichloroethene	0.17	0.15		ppbV	1	8/30/2010 10:43:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Trichloroethene	0.12	0.040		ppbV	1	8/30/2010 10:43:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 10:43:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 10:43:00 PM
Surr: Bromofluorobenzene	108	70-130		%REC	1	8/30/2010 10:43:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL023-IA-05N
Lab Order:	C1008072	**Tag Number:**	316,337
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 10:43:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 10:43:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 10:43:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 10:43:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 10:43:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 10:43:00 PM
1,2,4-Trimethylbenzene	1.3	0.75		ug/m3	1	8/30/2010 10:43:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 10:43:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:43:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 10:43:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 10:43:00 PM
1,3,5-Trimethylbenzene	0.90	0.75		ug/m3	1	8/30/2010 10:43:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 10:43:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:43:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:43:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 10:43:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/30/2010 10:43:00 PM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/30/2010 10:43:00 PM
Acetone	40	0.72	E	ug/m3	1	8/30/2010 10:43:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 10:43:00 PM
Benzene	0.65	0.49		ug/m3	1	8/30/2010 10:43:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 10:43:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 10:43:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 10:43:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 10:43:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	8/30/2010 10:43:00 PM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/30/2010 10:43:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 10:43:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 10:43:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 10:43:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 10:43:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 10:43:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 10:43:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/30/2010 10:43:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 10:43:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/30/2010 10:43:00 PM
Ethylbenzene	0.57	0.66	J	ug/m3	1	8/30/2010 10:43:00 PM
Freon 11	2.0	0.86		ug/m3	1	8/30/2010 10:43:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL023-IA-05N
Lab Order:	C1008072	**Tag Number:**	316,337
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 10:43:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 10:43:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 10:43:00 PM
Heptane	1.2	0.62		ug/m3	1	8/30/2010 10:43:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 10:43:00 PM
Hexane	2.4	0.54		ug/m3	1	8/30/2010 10:43:00 PM
Isopropyl alcohol	170	0.37	E	ug/m3	1	8/30/2010 10:43:00 PM
m&p-Xylene	1.7	1.3		ug/m3	1	8/30/2010 10:43:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 10:43:00 PM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/30/2010 10:43:00 PM
Methyl Isobutyl Ketone	0.83	1.2	J	ug/m3	1	8/30/2010 10:43:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 10:43:00 PM
Methylene chloride	0.67	0.53		ug/m3	1	8/30/2010 10:43:00 PM
o-Xylene	0.57	0.66	J	ug/m3	1	8/30/2010 10:43:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 10:43:00 PM
Styrene	< 0.65	0.65		ug/m3	1	8/30/2010 10:43:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 10:43:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 10:43:00 PM
Toluene	4.7	0.57		ug/m3	1	8/30/2010 10:43:00 PM
trans-1,2-Dichloroethene	0.69	0.60		ug/m3	1	8/30/2010 10:43:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 10:43:00 PM
Trichloroethene	0.66	0.22		ug/m3	1	8/30/2010 10:43:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 10:43:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 10:43:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 10:43:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT: AECOM
Lab Order: C1008072
Project: AFP 59 60160780.08
Lab ID: C1008072-011A

Client Sample ID: SL023-SS-05N
Tag Number: 479,60
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-13			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	25	6.0		ppbV	40	9/3/2010 7:49:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,2,4-Trimethylbenzene	0.62	0.15		ppbV	1	9/1/2010 12:13;00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 12:13:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
4-ethyltoluene	0.11	0.15	J	ppbV	1	9/1/2010 12:13:00 AM
Acetone	13	3.0		ppbV	10	9/2/2010 1:15:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Benzene	0.17	0.15		ppbV	1	9/1/2010 12:13:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Carbon disulfide	0.19	0.15		ppbV	1	9/1/2010 12:13:00 AM
Carbon tetrachloride	0.060	0.15	J	ppbV	1	9/1/2010 12:13:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Chloromethane	0.10	0.15	J	ppbV	1	9/1/2010 12:13:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Cyclohexane	0.10	0.15	J	ppbV	1	9/1/2010 12:13:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL023-SS-05N
Lab Order:	C1008072	**Tag Number:**	479,60
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.44	0.25		ppbV	1	9/1/2010 12:13:00 AM
Ethylbenzene	0.13	0.15	J	ppbV	1	9/1/2010 12:13:00 AM
Freon 11	18	1.5		ppbV	10	9/2/2010 1:15:00 AM
Freon 113	3.6	1.5		ppbV	10	9/2/2010 1:15:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Freon 12	0.24	0.15		ppbV	1	9/1/2010 12:13:00 AM
Heptane	0.10	0.15	J	ppbV	1	9/1/2010 12:13:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Hexane	0.38	0.15		ppbV	1	9/1/2010 12:13:00 AM
Isopropyl alcohol	36	6.0		ppbV	40	9/3/2010 7:49:00 PM
m&p-Xylene	0.38	0.30		ppbV	1	9/1/2010 12:13:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 12:13:00 AM
Methyl Ethyl Ketone	0.68	0.30		ppbV	1	9/1/2010 12:13:00 AM
Methyl Isobutyl Ketone	0.33	0.30		ppbV	1	9/1/2010 12:13:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Methylene chloride	0.20	0.15		ppbV	1	9/1/2010 12:13:00 AM
o-Xylene	0.17	0.15		ppbV	1	9/1/2010 12:13:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Tetrachloroethylene	0.16	0.15		ppbV	1	9/1/2010 12:13:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Toluene	1.2	0.15		ppbV	1	9/1/2010 12:13:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Trichloroethene	7.5	1.5		ppbV	10	9/2/2010 1:15:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 12:13:00 AM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	9/1/2010 12:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL023-SS-05N
Lab Order:	C1008072	**Tag Number:**	479,60
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	140	33		ug/m3	40	9/3/2010 7:49:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 12:13:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 12:13:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 12:13:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 12:13:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 12:13:00 AM
1,2,4-Trimethylbenzene	3.1	0.75		ug/m3	1	9/1/2010 12:13:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 12:13:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 12:13:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 12:13:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 12:13:00 AM
1,3,5-Trimethylbenzene	< 0.75	0.75		ug/m3	1	9/1/2010 12:13:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 12:13:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 12:13:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 12:13:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 12:13:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 12:13:00 AM
4-ethyltoluene	0.55	0.75	J	ug/m3	1	9/1/2010 12:13:00 AM
Acetone	31	7.2		ug/m3	10	9/2/2010 1:15:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 12:13:00 AM
Benzene	0.55	0.49		ug/m3	1	9/1/2010 12:13:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 12:13:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 12:13:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 12:13:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 12:13:00 AM
Carbon disulfide	0.60	0.47		ug/m3	1	9/1/2010 12:13:00 AM
Carbon tetrachloride	0.38	0.96	J	ug/m3	1	9/1/2010 12:13:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 12:13:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 12:13:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 12:13:00 AM
Chloromethane	0.21	0.31	J	ug/m3	1	9/1/2010 12:13:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 12:13:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 12:13:00 AM
Cyclohexane	0.35	0.52	J	ug/m3	1	9/1/2010 12:13:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 12:13:00 AM
Ethyl acetate	1.6	0.92		ug/m3	1	9/1/2010 12:13:00 AM
Ethylbenzene	0.57	0.66	J	ug/m3	1	9/1/2010 12:13:00 AM
Freon 11	110	8.6		ug/m3	10	9/2/2010 1:15:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL023-SS-05N
Lab Order:	C1008072	**Tag Number:**	479,60
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: LL
Freon 113	28	12		ug/m3	10	9/2/2010 1:15:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 12:13:00 AM
Freon 12	1.2	0.75		ug/m3	1	9/1/2010 12:13:00 AM
Heptane	0.42	0.62	J	ug/m3	1	9/1/2010 12:13:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 12:13:00 AM
Hexane	1.4	0.54		ug/m3	1	9/1/2010 12:13:00 AM
Isopropyl alcohol	90	15		ug/m3	40	9/3/2010 7:49:00 PM
m&p-Xylene	1.7	1.3		ug/m3	1	9/1/2010 12:13:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 12:13:00 AM
Methyl Ethyl Ketone	2.0	0.90		ug/m3	1	9/1/2010 12:13:00 AM
Methyl Isobutyl Ketone	1.4	1.2		ug/m3	1	9/1/2010 12:13:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 12:13:00 AM
Methylene chloride	0.71	0.53		ug/m3	1	9/1/2010 12:13:00 AM
o-Xylene	0.75	0.66		ug/m3	1	9/1/2010 12:13:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 12:13:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 12:13:00 AM
Tetrachloroethylene	1.1	1.0		ug/m3	1	9/1/2010 12:13:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 12:13:00 AM
Toluene	4.5	0.57		ug/m3	1	9/1/2010 12:13:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 12:13:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 12:13:00 AM
Trichloroethene	41	8.2		ug/m3	10	9/2/2010 1:15:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 12:13:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 12:13:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 12:13:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL013-IA-05N
Lab Order:	C1008072	**Tag Number:**	165,344
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,2,4-Trimethylbenzene	1.6	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,3,5-Trimethylbenzene	0.47	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 11:18:00 PM
2,2,4-trimethylpentane	0.30	0.15		ppbV	1	8/30/2010 11:18:00 PM
4-ethyltoluene	0.31	0.15		ppbV	1	8/30/2010 11:18:00 PM
Acetone	15	1.5	E	ppbV	5	8/31/2010 1:45:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Benzene	0.20	0.15		ppbV	1	8/30/2010 11:18:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Carbon disulfide	0.14	0.15	J	ppbV	1	8/30/2010 11:18:00 PM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/30/2010 11:18:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Cyclohexane	0.36	0.15		ppbV	1	8/30/2010 11:18:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL013-IA-05N
Lab Order:	C1008072	**Tag Number:**	165,344
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
Ethyl acetate	0.48	0.25		ppbV	1	8/30/2010 11:18:00 PM
Ethylbenzene	0.62	0.15		ppbV	1	8/30/2010 11:18:00 PM
Freon 11	0.32	0.15		ppbV	1	8/30/2010 11:18:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Heptane	0.23	0.15		ppbV	1	8/30/2010 11:18:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Hexane	2.2	0.75		ppbV	5	8/31/2010 1:45:00 PM
Isopropyl alcohol	24	0.75	E	ppbV	5	8/31/2010 1:45:00 PM
m&p-Xylene	1.8	0.30		ppbV	1	8/30/2010 11:18:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 11:18:00 PM
Methyl Ethyl Ketone	1.9	1.5		ppbV	5	8/31/2010 1:45:00 PM
Methyl Isobutyl Ketone	0.48	0.30		ppbV	1	8/30/2010 11:18:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Methylene chloride	0.26	0.15		ppbV	1	8/30/2010 11:18:00 PM
o-Xylene	0.67	0.15		ppbV	1	8/30/2010 11:18:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Styrene	0.33	0.15		ppbV	1	8/30/2010 11:18:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Toluene	3.4	0.75		ppbV	5	8/31/2010 1:45:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Trichloroethene	0.14	0.040		ppbV	1	8/30/2010 11:18:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 11:18:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 11:18:00 PM
Surr: Bromofluorobenzene	119	70-130		%REC	1	8/30/2010 11:18:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL013-IA-05N
Lab Order:	C1008072	**Tag Number:**	165,344
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 11:18:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 11:18:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 11:18:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 11:18:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:18:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 11:18:00 PM
1,2,4-Trimethylbenzene	7.7	0.75		ug/m3	1	8/30/2010 11:18:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 11:18:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:18:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 11:18:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 11:18:00 PM
1,3,5-Trimethylbenzene	2.3	0.75		ug/m3	1	8/30/2010 11:18:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 11:18:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:18:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:18:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 11:18:00 PM
2,2,4-trimethylpentane	1.4	0.71		ug/m3	1	8/30/2010 11:18:00 PM
4-ethyltoluene	1.5	0.75		ug/m3	1	8/30/2010 11:18:00 PM
Acetone	36	3.6	E	ug/m3	5	8/31/2010 1:45:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 11:18:00 PM
Benzene	0.65	0.49		ug/m3	1	8/30/2010 11:18:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 11:18:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 11:18:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 11:18:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 11:18:00 PM
Carbon disulfide	0.44	0.47	J	ug/m3	1	8/30/2010 11:18:00 PM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/30/2010 11:18:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 11:18:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 11:18:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 11:18:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 11:18:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:18:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 11:18:00 PM
Cyclohexane	1.3	0.52		ug/m3	1	8/30/2010 11:18:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 11:18:00 PM
Ethyl acetate	1.8	0.92		ug/m3	1	8/30/2010 11:18:00 PM
Ethylbenzene	2.7	0.66		ug/m3	1	8/30/2010 11:18:00 PM
Freon 11	1.8	0.86		ug/m3	1	8/30/2010 11:18:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL013-IA-05N
Lab Order:	C1008072	**Tag Number:**	165,344
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 11:18:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 11:18:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 11:18:00 PM
Heptane	0.96	0.62		ug/m3	1	8/30/2010 11:18:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 11:18:00 PM
Hexane	8.1	2.7		ug/m3	5	8/31/2010 1:45:00 PM
Isopropyl alcohol	60	1.9	E	ug/m3	5	8/31/2010 1:45:00 PM
m&p-Xylene	8.0	1.3		ug/m3	1	8/30/2010 11:18:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 11:18:00 PM
Methyl Ethyl Ketone	5.7	4.5		ug/m3	5	8/31/2010 1:45:00 PM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	8/30/2010 11:18:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 11:18:00 PM
Methylene chloride	0.92	0.53		ug/m3	1	8/30/2010 11:18:00 PM
o-Xylene	3.0	0.66		ug/m3	1	8/30/2010 11:18:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 11:18:00 PM
Styrene	1.4	0.65		ug/m3	1	8/30/2010 11:18:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 11:18:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 11:18:00 PM
Toluene	13	2.9		ug/m3	5	8/31/2010 1:45:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:18:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 11:18:00 PM
Trichloroethene	0.76	0.22		ug/m3	1	8/30/2010 11:18:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 11:18:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 11:18:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 11:18:00 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL013-SS-05N
Lab Order:	C1008072	**Tag Number:**	324,57
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-16			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,2,4-Trimethylbenzene	0.56	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,3,5-Trimethylbenzene	0.29	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 12:51:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Acetone	9.8	0.30	E	ppbV	1	9/1/2010 12:51:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Benzene	0.12	0.15	J	ppbV	1	9/1/2010 12:51:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Carbon disulfide	0.13	0.15	J	ppbV	1	9/1/2010 12:51:00 AM
Carbon tetrachloride	0.040	0.15	J	ppbV	1	9/1/2010 12:51:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
cis-1,2-Dichloroethene	0.11	0.15	J	ppbV	1	9/1/2010 12:51:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Cyclohexane	0.11	0.15	J	ppbV	1	9/1/2010 12:51:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL013-SS-05N
Lab Order:	C1008072	**Tag Number:**	324,57
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.26	0.25		ppbV	1	9/1/2010 12:51:00 AM
Ethylbenzene	0.10	0.15	J	ppbV	1	9/1/2010 12:51:00 AM
Freon 11	0.18	0.15		ppbV	1	9/1/2010 12:51:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Hexane	0.48	0.15		ppbV	1	9/1/2010 12:51:00 AM
Isopropyl alcohol	39	0.15	E	ppbV	1	9/1/2010 12:51:00 AM
m&p-Xylene	0.28	0.30	J	ppbV	1	9/1/2010 12:51:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 12:51:00 AM
Methyl Ethyl Ketone	0.61	0.30		ppbV	1	9/1/2010 12:51:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 12:51:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Methylene chloride	0.27	0.15		ppbV	1	9/1/2010 12:51:00 AM
o-Xylene	0.11	0.15	J	ppbV	1	9/1/2010 12:51:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Tetrachloroethylene	0.25	0.15		ppbV	1	9/1/2010 12:51:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Toluene	0.85	0.15		ppbV	1	9/1/2010 12:51:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Trichloroethene	0.47	0.15		ppbV	1	9/1/2010 12:51:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 12:51:00 AM
Surr: Bromofluorobenzene	96.0	70-130		%REC	1	9/1/2010 12:51:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL013-SS-05N
Lab Order:	C1008072	**Tag Number:**	324,57
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 12:51:00 AM
1;1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 12:51:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 12:51:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 12:51:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 12:51:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 12:51:00 AM
1,2,4-Trimethylbenzene	2.8	0.75		ug/m3	1	9/1/2010 12:51:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 12:51:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 12:51:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 12:51:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 12:51:00 AM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	9/1/2010 12:51:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 12:51:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 12:51:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 12:51:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 12:51:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 12:51:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 12:51:00 AM
Acetone	24	0.72	E	ug/m3	1	9/1/2010 12:51:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 12:51:00 AM
Benzene	0.39	0.49	J	ug/m3	1	9/1/2010 12:51:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 12:51:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 12:51:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 12:51:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 12:51:00 AM
Carbon disulfide	0.41	0.47	J	ug/m3	1	9/1/2010 12:51:00 AM
Carbon tetrachloride	0.26	0.96	J	ug/m3	1	9/1/2010 12:51:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 12:51:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 12:51:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 12:51:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 12:51:00 AM
cis-1,2-Dichloroethene	0.44	0.60	J	ug/m3	1	9/1/2010 12:51:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 12:51:00 AM
Cyclohexane	0.38	0.52	J	ug/m3	1	9/1/2010 12:51:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 12:51:00 AM
Ethyl acetate	0.95	0.92		ug/m3	1	9/1/2010 12:51:00 AM
Ethylbenzene	0.44	0.66	J	ug/m3	1	9/1/2010 12:51:00 AM
Freon 11	1.0	0.86		ug/m3	1	9/1/2010 12:51:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL013-SS-05N
Lab Order:	C1008072	**Tag Number:**	324,57
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	9/1/2010 12:51:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 12:51:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/1/2010 12:51:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 12:51:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 12:51:00 AM
Hexane	1.7	0.54		ug/m3	1	9/1/2010 12:51:00 AM
Isopropyl alcohol	98	0.37	E	ug/m3	1	9/1/2010 12:51:00 AM
m&p-Xylene	1.2	1.3	J	ug/m3	1	9/1/2010 12:51:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 12:51:00 AM
Methyl Ethyl Ketone	1.8	0.90		ug/m3	1	9/1/2010 12:51:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 12:51:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 12:51:00 AM
Methylene chloride	0.95	0.53		ug/m3	1	9/1/2010 12:51:00 AM
o-Xylene	0.49	0.66	J	ug/m3	1	9/1/2010 12:51:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 12:51:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 12:51:00 AM
Tetrachloroethylene	1.7	1.0		ug/m3	1	9/1/2010 12:51:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 12:51:00 AM
Toluene	3.3	0.57		ug/m3	1	9/1/2010 12:51:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 12:51:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 12:51:00 AM
Trichloroethene	2.6	0.82		ug/m3	1	9/1/2010 12:51:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 12:51:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 12:51:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 12:51:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL005-IA-05N
Lab Order:	C1008072	**Tag Number:**	202,296
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-8			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,2,4-Trimethylbenzene	1.2	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,3,5-Trimethylbenzene	0.45	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 11:52:00 PM
2,2,4-trimethylpentane	0.27	0.15		ppbV	1	8/30/2010 11:52:00 PM
4-ethyltoluene	0.24	0.15		ppbV	1	8/30/2010 11:52:00 PM
Acetone	20	1.5	E	ppbV	5	8/31/2010 2:21:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Benzene	0.20	0.15		ppbV	1	8/30/2010 11:52:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Carbon disulfide	0.17	0.15		ppbV	1	8/30/2010 11:52:00 PM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/30/2010 11:52:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Cyclohexane	0.31	0.15		ppbV	1	8/30/2010 11:52:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL005-IA-05N
Lab Order:	C1008072	**Tag Number:**	202,296
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	0.78	0.25		ppbV	1	8/30/2010 11:52:00 PM
Ethylbenzene	0.49	0.15		ppbV	1	8/30/2010 11:52:00 PM
Freon 11	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Heptane	0.19	0.15		ppbV	1	8/30/2010 11:52:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Hexane	2.2	0.75		ppbV	5	8/31/2010 2:21:00 PM
Isopropyl alcohol	55	0.75	E	ppbV	5	8/31/2010 2:21:00 PM
m&p-Xylene	1.4	0.30		ppbV	1	8/30/2010 11:52:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 11:52:00 PM
Methyl Ethyl Ketone	2.5	1.5		ppbV	5	8/31/2010 2:21:00 PM
Methyl Isobutyl Ketone	0.44	0.30		ppbV	1	8/30/2010 11:52:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Methylene chloride	0.28	0.15		ppbV	1	8/30/2010 11:52:00 PM
o-Xylene	0.54	0.15		ppbV	1	8/30/2010 11:52:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Styrene	0.25	0.15		ppbV	1	8/30/2010 11:52:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Toluene	2.4	0.75		ppbV	5	8/31/2010 2:21:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Trichloroethene	0.17	0.040		ppbV	1	8/30/2010 11:52:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 11:52:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 11:52:00 PM
Surr: Bromofluorobenzene	108	70-130		%REC	1	8/30/2010 11:52:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL005-IA-05N
Lab Order:	C1008072	**Tag Number:**	202,296
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 11:52:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 11:52:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 11:52:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 11:52:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:52:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 11:52:00 PM
1,2,4-Trimethylbenzene	6.0	0.75		ug/m3	1	8/30/2010 11:52:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 11:52:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:52:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 11:52:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 11:52:00 PM
1,3,5-Trimethylbenzene	2.2	0.75		ug/m3	1	8/30/2010 11:52:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 11:52:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:52:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:52:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 11:52:00 PM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	8/30/2010 11:52:00 PM
4-ethyltoluene	1.2	0.75		ug/m3	1	8/30/2010 11:52:00 PM
Acetone	48	3.6	E	ug/m3	5	8/31/2010 2:21:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 11:52:00 PM
Benzene	0.65	0.49		ug/m3	1	8/30/2010 11:52:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 11:52:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 11:52:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 11:52:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 11:52:00 PM
Carbon disulfide	0.54	0.47		ug/m3	1	8/30/2010 11:52:00 PM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/30/2010 11:52:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 11:52:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 11:52:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 11:52:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 11:52:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:52:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 11:52:00 PM
Cyclohexane	1.1	0.52		ug/m3	1	8/30/2010 11:52:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 11:52:00 PM
Ethyl acetate	2.9	0.92		ug/m3	1	8/30/2010 11:52:00 PM
Ethylbenzene	2.2	0.66		ug/m3	1	8/30/2010 11:52:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	8/30/2010 11:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL005-IA-05N
Lab Order:	C1008072	**Tag Number:**	202,296
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 11:52:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 11:52:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 11:52:00 PM
Heptane	0.79	0.62		ug/m3	1	8/30/2010 11:52:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 11:52:00 PM
Hexane	8.1	2.7		ug/m3	5	8/31/2010 2:21:00 PM
Isopropyl alcohol	140	1.9	E	ug/m3	5	8/31/2010 2:21:00 PM
m&p-Xylene	6.1	1.3		ug/m3	1	8/30/2010 11:52:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 11:52:00 PM
Methyl Ethyl Ketone	7.5	4.5		ug/m3	5	8/31/2010 2:21:00 PM
Methyl Isobutyl Ketone	1.8	1.2		ug/m3	1	8/30/2010 11:52:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 11:52:00 PM
Methylene chloride	0.99	0.53		ug/m3	1	8/30/2010 11:52:00 PM
o-Xylene	2.4	0.66		ug/m3	1	8/30/2010 11:52:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 11:52:00 PM
Styrene	1.1	0.65		ug/m3	1	8/30/2010 11:52:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 11:52:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 11:52:00 PM
Toluene	9.4	2.9		ug/m3	5	8/31/2010 2:21:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:52:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 11:52:00 PM
Trichloroethene	0.93	0.22		ug/m3	1	8/30/2010 11:52:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 11:52:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 11:52:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 11:52:00 PM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL005-SS-05N
Lab Order:	C1008072	**Tag Number:**	228,378
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	1.5	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,1-Dichloroethane	0.11	0.15	J	ppbV	1	9/1/2010 1:24:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,2,4-Trimethylbenzene	0.34	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 1:24:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Acetone	6.6	3.0		ppbV	10	9/2/2010 1:51:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Benzene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Carbon disulfide	0.23	0.15		ppbV	1	9/1/2010 1:24:00 AM
Carbon tetrachloride	0.58	0.15		ppbV	1	9/1/2010 1:24:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
cis-1,2-Dichloroethene	0.49	0.15		ppbV	1	9/1/2010 1:24:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL005-SS-05N
Lab Order:	C1008072	**Tag Number:**	228,378
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 1:24:00 AM
Ethylbenzene	0.11	0.15	J	ppbV	1	9/1/2010 1:24:00 AM
Freon 11	0.72	0.15		ppbV	1	9/1/2010 1:24:00 AM
Freon 113	0.26	0.15		ppbV	1	9/1/2010 1:24:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Freon 12	0.42	0.15		ppbV	1	9/1/2010 1:24:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Hexane	0.23	0.15		ppbV	1	9/1/2010 1:24:00 AM
Isopropyl alcohol	12	1.5		ppbV	10	9/2/2010 1:51:00 AM
m&p-Xylene	0.35	0.30		ppbV	1	9/1/2010 1:24:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 1:24:00 AM
Methyl Ethyl Ketone	0.64	0.30		ppbV	1	9/1/2010 1:24:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 1:24:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
o-Xylene	0.16	0.15		ppbV	1	9/1/2010 1:24:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Tetrachloroethylene	0.45	0.15		ppbV	1	9/1/2010 1:24:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Toluene	0.52	0.15		ppbV	1	9/1/2010 1:24:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Trichloroethene	13	1.5		ppbV	10	9/2/2010 1:51:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 1:24:00 AM
Surr: Bromofluorobenzene	103	70-130		%REC	1	9/1/2010 1:24:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL005-SS-05N
Lab Order:	C1008072	**Tag Number:**	228,378
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	8.4	0.83		ug/m3	1	9/1/2010 1:24:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 1:24:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 1:24:00 AM
1,1-Dichloroethane	0.45	0.62	J	ug/m3	1	9/1/2010 1:24:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 1:24:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 1:24:00 AM
1,2,4-Trimethylbenzene	1.7	0.75		ug/m3	1	9/1/2010 1:24:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 1:24:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 1:24:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 1:24:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 1:24:00 AM
1,3,5-Trimethylbenzene	< 0.75	0.75		ug/m3	1	9/1/2010 1:24:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 1:24:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 1:24:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 1:24:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 1:24:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 1:24:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 1:24:00 AM
Acetone	16	7.2		ug/m3	10	9/2/2010 1:51:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 1:24:00 AM
Benzene	< 0.49	0.49		ug/m3	1	9/1/2010 1:24:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 1:24:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 1:24:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 1:24:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 1:24:00 AM
Carbon disulfide	0.73	0.47		ug/m3	1	9/1/2010 1:24:00 AM
Carbon tetrachloride	3.7	0.96		ug/m3	1	9/1/2010 1:24:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 1:24:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 1:24:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 1:24:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 1:24:00 AM
cis-1,2-Dichloroethene	2.0	0.60		ug/m3	1	9/1/2010 1:24:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 1:24:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/1/2010 1:24:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 1:24:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 1:24:00 AM
Ethylbenzene	0.49	0.66	J	ug/m3	1	9/1/2010 1:24:00 AM
Freon 11	4.1	0.86		ug/m3	1	9/1/2010 1:24:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL005-SS-05N
Lab Order:	C1008072	**Tag Number:**	228,378
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	2.0	1.2		ug/m3	1	9/1/2010 1:24:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 1:24:00 AM
Freon 12	2.1	0.75		ug/m3	1	9/1/2010 1:24:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 1:24:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 1:24:00 AM
Hexane	0.82	0.54		ug/m3	1	9/1/2010 1:24:00 AM
Isopropyl alcohol	29	3.7		ug/m3	10	9/2/2010 1:51:00 AM
m&p-Xylene	1.5	1.3		ug/m3	1	9/1/2010 1:24:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 1:24:00 AM
Methyl Ethyl Ketone	1.9	0.90		ug/m3	1	9/1/2010 1:24:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 1:24:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 1:24:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/1/2010 1:24:00 AM
o-Xylene	0.71	0.66		ug/m3	1	9/1/2010 1:24:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 1:24:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 1:24:00 AM
Tetrachloroethylene	3.1	1.0		ug/m3	1	9/1/2010 1:24:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 1:24:00 AM
Toluene	2.0	0.57		ug/m3	1	9/1/2010 1:24:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 1:24:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 1:24:00 AM
Trichloroethene	73	8.2		ug/m3	10	9/2/2010 1:51:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 1:24:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 1:24:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 1:24:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL011-IA-05N
Lab Order:	C1008072	**Tag Number:**	92,260
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,2,4-Trimethylbenzene	0.85	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,3,5-Trimethylbenzene	0.31	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 12:26:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
4-ethyltoluene	0.16	0.15		ppbV	1	8/31/2010 12:26:00 AM
Acetone	13	0.30	E	ppbV	1	8/31/2010 12:26:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Benzene	0.17	0.15		ppbV	1	8/31/2010 12:26:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Carbon disulfide	0.14	0.15	J	ppbV	1	8/31/2010 12:26:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 12:26:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Cyclohexane	0.16	0.15		ppbV	1	8/31/2010 12:26:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL011-IA-05N
Lab Order:	C1008072	**Tag Number:**	92,260
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 12:26:00 AM
Ethylbenzene	0.18	0.15		ppbV	1	8/31/2010 12:26:00 AM
Freon 11	0.29	0.15		ppbV	1	8/31/2010 12:26:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Heptane	0.20	0.15		ppbV	1	8/31/2010 12:26:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Hexane	0.53	0.15		ppbV	1	8/31/2010 12:26:00 AM
Isopropyl alcohol	84	0.15	E	ppbV	1	8/31/2010 12:26:00 AM
m&p-Xylene	0.60	0.30		ppbV	1	8/31/2010 12:26:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 12:26:00 AM
Methyl Ethyl Ketone	1.4	0.30		ppbV	1	8/31/2010 12:26:00 AM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	8/31/2010 12:26:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Methylene chloride	0.30	0.15		ppbV	1	8/31/2010 12:26:00 AM
o-Xylene	0.23	0.15		ppbV	1	8/31/2010 12:26:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Toluene	1.9	0.15		ppbV	1	8/31/2010 12:26:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Trichloroethene	0.18	0.040		ppbV	1	8/31/2010 12:26:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 12:26:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 12:26:00 AM
Surr: Bromofluorobenzene	111	70-130		%REC	1	8/31/2010 12:26:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL011-IA-05N
Lab Order:	C1008072	**Tag Number:**	92,260
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 12:26:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 12:26:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 12:26:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 12:26:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:26:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 12:26:00 AM
1,2,4-Trimethylbenzene	4.2	0.75		ug/m3	1	8/31/2010 12:26:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 12:26:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:26:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 12:26:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 12:26:00 AM
1,3,5-Trimethylbenzene	1.5	0.75		ug/m3	1	8/31/2010 12:26:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 12:26:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:26:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:26:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 12:26:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 12:26:00 AM
4-ethyltoluene	0.80	0.75		ug/m3	1	8/31/2010 12:26:00 AM
Acetone	32	0.72	E	ug/m3	1	8/31/2010 12:26:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 12:26:00 AM
Benzene	0.55	0.49		ug/m3	1	8/31/2010 12:26:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 12:26:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 12:26:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 12:26:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 12:26:00 AM
Carbon disulfide	0.44	0.47	J	ug/m3	1	8/31/2010 12:26:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 12:26:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 12:26:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 12:26:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 12:26:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 12:26:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:26:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 12:26:00 AM
Cyclohexane	0.56	0.52		ug/m3	1	8/31/2010 12:26:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 12:26:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 12:26:00 AM
Ethylbenzene	0.79	0.66		ug/m3	1	8/31/2010 12:26:00 AM
Freon 11	1.7	0.86		ug/m3	1	8/31/2010 12:26:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL011-IA-05N
Lab Order:	C1008072	**Tag Number:**	92,260
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008072-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 12:26:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 12:26:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 12:26:00 AM
Heptane	0.83	0.62		ug/m3	1	8/31/2010 12:26:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 12:26:00 AM
Hexane	1.9	0.54		ug/m3	1	8/31/2010 12:26:00 AM
Isopropyl alcohol	210	0.37	E	ug/m3	1	8/31/2010 12:26:00 AM
m&p-Xylene	2.6	1.3		ug/m3	1	8/31/2010 12:26:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 12:26:00 AM
Methyl Ethyl Ketone	4.0	0.90		ug/m3	1	8/31/2010 12:26:00 AM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	8/31/2010 12:26:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 12:26:00 AM
Methylene chloride	1.1	0.53		ug/m3	1	8/31/2010 12:26:00 AM
o-Xylene	1.0	0.66		ug/m3	1	8/31/2010 12:26:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 12:26:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 12:26:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 12:26:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 12:26:00 AM
Toluene	7.4	0.57		ug/m3	1	8/31/2010 12:26:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:26:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 12:26:00 AM
Trichloroethene	0.98	0.22		ug/m3	1	8/31/2010 12:26:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 12:26:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 12:26:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 12:26:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

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Centek laboratories, LLC

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	~~AFP-59~~ AFP59
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		

ERPIMS Information		Other Sample Information						
LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #		Detection Limit
SL042	SL042-SS-05N	8/28/10	1552/~~1455~~ 1450	Air	147	127	✓	___ 5ppbv
SL042	SL042-SS-05D	8/28/10	1558/950	Air	317	293	✓	___ 1ug/M3
SL042	SL042-IA-05N	8/28/10	1054/950	Air	226	251	✓	X 1ug/M3+TCE .25
SL042	SL042-IA-05D	8/28/10	1053/950	Air	128	1410	✓	
SL098	SL098-IA-05N	8/28/2010	1106/1000	AIR	561	187	✓	Report Level
SL098	SL098-SS-05N	8/28/2010	1105/1000	AIR	467	346	✓	___ Level I
SL098	SL098-IA-05D	8/28/2010	1106/1000	AIR	411	181	✓	___ Level II
SL031	SL031-SS-05N	8/28/10	1115/1007	Air	201	439	✓	X Cat"B" Like
SL031	SL031-IA-05N	8/28/10	1114/1007	Air	303	152	✓	
SL099	SL099-SS-05N	8/28/10	1122/1013	Air	242	54	✓	
SL099	SL099-IA-05N	8/28/10	1123/1013	Air	198	298	✓	
SL032	SL032-IA-05N	8/28/10	1129/1019	Air	554	386		
SL032	SL032-SS-05N	8/28/10	1129/1019	Air	355	379	✓	

		Date	Time		Date	Time
1. Relinquished By / Company	AECOM	8/29/10	1600	1. Received By/Company	8/31/10	1357
2. Relinquished By / Company		Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company		Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company		Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company		Date	Time	5. Received By/Company	Date	Time

Comments

C1008073

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 2 OF 2

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-5
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		

ERPIMS Information		Other Sample Information						
LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	Detection Limit
SL002	SL002-SS-05N	8/25/10	1137/1027	Air	100	113	✓	___ 5ppbv
SL002	SL002-1A-05D	8/25/10	1137/1027	Air	545	147	✓	___ 1ug/M3
SL002	SL002-SS-05D	8/25/10	1137/1027	Air	545	147	✓	X 1ug/M3+TCE .25
SL002	SL002-1A-05N	8/25/10	1137/1027	Air	348	58	✓	
								Report Level
								___ Level 1
								___ Level II
								X Cat"B" Like

1. Relinquished By / Company	AECOM	Date 8/29/10	Time 1600	1. Received By/Company		Date 8/31/10	Time 7:51
2. Relinquished By / Company		Date	Time	2. Received By/Company		Date	Time
3. Relinquished By / Company		Date	Time	3. Received By/Company		Date	Time
4. Relinquished By / Company		Date	Time	4. Received By/Company		Date	Time
5. Relinquished By / Company		Date	Time	5. Received By/Company		Date	Time

Comments

Centek laboratories, LLC

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-SS-05N
Lab Order:	C1008073	**Tag Number:**	167,127
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	1.8	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,2,4-Trimethylbenzene	1.8	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,3,5-Trimethylbenzene	0.56	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 2:35:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
4-ethyltoluene	0.70	0.15		ppbV	1	9/1/2010 2:35:00 AM
Acetone	8.2	3.0		ppbV	10	9/2/2010 2:27:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Benzene	0.60	0.15		ppbV	1	9/1/2010 2:35:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Carbon disulfide	0.14	0.15	J	ppbV	1	9/1/2010 2:35:00 AM
Carbon tetrachloride	0.080	0.15	J	ppbV	1	9/1/2010 2:35:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Chloromethane	0.12	0.15	J	ppbV	1	9/1/2010 2:35:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Cyclohexane	0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-SS-05N
Lab Order:	C1008073	**Tag Number:**	167,127
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: **LL**
Ethyl acetate	0.41	0.25		ppbV	1	9/1/2010 2:35:00 AM
Ethylbenzene	2.0	0.15		ppbV	1	9/1/2010 2:35:00 AM
Freon 11	0.52	0.15		ppbV	1	9/1/2010 2:35:00 AM
Freon 113	1.1	0.15		ppbV	1	9/1/2010 2:35:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Freon 12	0.49	0.15		ppbV	1	9/1/2010 2:35:00 AM
Heptane	0.21	0.15		ppbV	1	9/1/2010 2:35:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Isopropyl alcohol	20	1.5		ppbV	10	9/2/2010 2:27:00 AM
m&p-Xylene	4.9	3.0		ppbV	10	9/2/2010 2:27:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 2:35:00 AM
Methyl Ethyl Ketone	0.67	0.30		ppbV	1	9/1/2010 2:35:00 AM
Methyl Isobutyl Ketone	0.21	0.30	J	ppbV	1	9/1/2010 2:35:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Methylene chloride	0.24	0.15		ppbV	1	9/1/2010 2:35:00 AM
o-Xylene	1.5	0.15		ppbV	1	9/1/2010 2:35:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Styrene	0.31	0.15		ppbV	1	9/1/2010 2:35:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Toluene	7.0	1.5		ppbV	10	9/2/2010 2:27:00 AM
trans-1,2-Dichloroethene	0.12	0.15	J	ppbV	1	9/1/2010 2:35:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Trichloroethene	1.1	0.15		ppbV	1	9/1/2010 2:35:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 2:35:00 AM
Surr: Bromofluorobenzene	110	70-130		%REC	1	9/1/2010 2:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-SS-05N
Lab Order:	C1008073	**Tag Number:**	167,127
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	9.9	0.83		ug/m3	1	9/1/2010 2:35:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 2:35:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 2:35:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 2:35:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 2:35:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 2:35:00 AM
1,2,4-Trimethylbenzene	9.1	0.75		ug/m3	1	9/1/2010 2:35:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 2:35:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 2:35:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 2:35:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 2:35:00 AM
1,3,5-Trimethylbenzene	2.8	0.75		ug/m3	1	9/1/2010 2:35:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 2:35:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 2:35:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 2:35:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 2:35:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 2:35:00 AM
4-ethyltoluene	3.5	0.75		ug/m3	1	9/1/2010 2:35:00 AM
Acetone	20	7.2		ug/m3	10	9/2/2010 2:27:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 2:35:00 AM
Benzene	1.9	0.49		ug/m3	1	9/1/2010 2:35:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 2:35:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 2:35:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 2:35:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 2:35:00 AM
Carbon disulfide	0.44	0.47	J	ug/m3	1	9/1/2010 2:35:00 AM
Carbon tetrachloride	0.51	0.96	J	ug/m3	1	9/1/2010 2:35:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 2:35:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 2:35:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 2:35:00 AM
Chloromethane	0.25	0.31	J	ug/m3	1	9/1/2010 2:35:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 2:35:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 2:35:00 AM
Cyclohexane	0.52	0.52		ug/m3	1	9/1/2010 2:35:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 2:35:00 AM
Ethyl acetate	1.5	0.92		ug/m3	1	9/1/2010 2:35:00 AM
Ethylbenzene	8.9	0.66		ug/m3	1	9/1/2010 2:35:00 AM
Freon 11	3.0	0.86		ug/m3	1	9/1/2010 2:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-SS-05N
Lab Order:	C1008073	**Tag Number:**	167,127
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	8.3	1.2		ug/m3	1	9/1/2010 2:35:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 2:35:00 AM
Freon 12	2.5	0.75		ug/m3	1	9/1/2010 2:35:00 AM
Heptane	0.87	0.62		ug/m3	1	9/1/2010 2:35:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 2:35:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 2:35:00 AM
Isopropyl alcohol	50	3.7		ug/m3	10	9/2/2010 2:27:00 AM
m&p-Xylene	22	13		ug/m3	10	9/2/2010 2:27:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 2:35:00 AM
Methyl Ethyl Ketone	2.0	0.90		ug/m3	1	9/1/2010 2:35:00 AM
Methyl Isobutyl Ketone	0.87	1.2	J	ug/m3	1	9/1/2010 2:35:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 2:35:00 AM
Methylene chloride	0.85	0.53		ug/m3	1	9/1/2010 2:35:00 AM
o-Xylene	6.7	0.66		ug/m3	1	9/1/2010 2:35:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 2:35:00 AM
Styrene	1.3	0.65		ug/m3	1	9/1/2010 2:35:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 2:35:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 2:35:00 AM
Toluene	27	5.7		ug/m3	10	9/2/2010 2:27:00 AM
trans-1,2-Dichloroethene	0.48	0.60	J	ug/m3	1	9/1/2010 2:35:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 2:35:00 AM
Trichloroethene	6.2	0.82		ug/m3	1	9/1/2010 2:35:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 2:35:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 2:35:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 2:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-SS-05D
Lab Order:	C1008073	**Tag Number:**	317,293
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-6			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **LL**
1,1,1-Trichloroethane	1.8	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,2,4-Trimethylbenzene	1.6	1.5		ppbV	10	9/2/2010 3:02:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,3,5-Trimethylbenzene	0.60	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 3:12:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
4-ethyltoluene	0.81	0.15		ppbV	1	9/1/2010 3:12:00 AM
Acetone	6.7	3.0		ppbV	10	9/2/2010 3:02:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Benzene	0.36	0.15		ppbV	1	9/1/2010 3:12:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Carbon disulfide	0.16	0.15		ppbV	1	9/1/2010 3:12:00 AM
Carbon tetrachloride	0.080	0.15	J	ppbV	1	9/1/2010 3:12:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Cyclohexane	0.14	0.15	J	ppbV	1	9/1/2010 3:12:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-SS-05D
Lab Order:	C1008073	**Tag Number:**	317,293
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.39	0.25		ppbV	1	9/1/2010 3:12:00 AM
Ethylbenzene	1.7	0.15		ppbV	1	9/1/2010 3:12:00 AM
Freon 11	0.58	0.15		ppbV	1	9/1/2010 3:12:00 AM
Freon 113	1.2	0.15		ppbV	1	9/1/2010 3:12:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Freon 12	0.54	0.15		ppbV	1	9/1/2010 3:12:00 AM
Heptane	0.20	0.15		ppbV	1	9/1/2010 3:12:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Hexane	0.44	0.15		ppbV	1	9/1/2010 3:12:00 AM
Isopropyl alcohol	18	1.5		ppbV	10	9/2/2010 3:02:00 AM
m&p-Xylene	4.1	3.0		ppbV	10	9/2/2010 3:02:00 AM
Methyl Butyl Ketone	0.15	0.30	J	ppbV	1	9/1/2010 3:12:00 AM
Methyl Ethyl Ketone	0.71	0.30		ppbV	1	9/1/2010 3:12:00 AM
Methyl Isobutyl Ketone	0.17	0.30	J	ppbV	1	9/1/2010 3:12:00 AM
Methyl tert-butyl ether	0.21	0.15		ppbV	1	9/1/2010 3:12:00 AM
Methylene chloride	0.29	0.15		ppbV	1	9/1/2010 3:12:00 AM
o-Xylene	1.5	0.15		ppbV	1	9/1/2010 3:12:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Styrene	0.30	0.15		ppbV	1	9/1/2010 3:12:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Toluene	4.7	1.5		ppbV	10	9/2/2010 3:02:00 AM
trans-1,2-Dichloroethene	0.14	0.15	J	ppbV	1	9/1/2010 3:12:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Trichloroethene	1.3	0.15		ppbV	1	9/1/2010 3:12:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:12:00 AM
Surr: Bromofluorobenzene	111	70-130		%REC	1	9/1/2010 3:12:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-SS-05D
Lab Order:	C1008073	**Tag Number:**	317,293
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	10	0.83		ug/m3	1	9/1/2010 3:12:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 3:12:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 3:12:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 3:12:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:12:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 3:12:00 AM
1,2,4-Trimethylbenzene	8.0	7.5		ug/m3	10	9/2/2010 3:02:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 3:12:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:12:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 3:12:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 3:12:00 AM
1,3,5-Trimethylbenzene	3.0	0.75		ug/m3	1	9/1/2010 3:12:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 3:12:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:12:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:12:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 3:12:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 3:12:00 AM
4-ethyltoluene	4.0	0.75		ug/m3	1	9/1/2010 3:12:00 AM
Acetone	16	7.2		ug/m3	10	9/2/2010 3:02:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 3:12:00 AM
Benzene	1.2	0.49		ug/m3	1	9/1/2010 3:12:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 3:12:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 3:12:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 3:12:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 3:12:00 AM
Carbon disulfide	0.51	0.47		ug/m3	1	9/1/2010 3:12:00 AM
Carbon tetrachloride	0.51	0.96	J	ug/m3	1	9/1/2010 3:12:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 3:12:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 3:12:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 3:12:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 3:12:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:12:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 3:12:00 AM
Cyclohexane	0.49	0.52	J	ug/m3	1	9/1/2010 3:12:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 3:12:00 AM
Ethyl acetate	1.4	0.92		ug/m3	1	9/1/2010 3:12:00 AM
Ethylbenzene	7.4	0.66		ug/m3	1	9/1/2010 3:12:00 AM
Freon 11	3.3	0.86		ug/m3	1	9/1/2010 3:12:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-SS-05D
Lab Order:	C1008073	**Tag Number:**	317,293
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	9.3	1.2		ug/m3	1	9/1/2010 3:12:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 3:12:00 AM
Freon 12	2.7	0.75		ug/m3	1	9/1/2010 3:12:00 AM
Heptane	0.83	0.62		ug/m3	1	9/1/2010 3:12:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 3:12:00 AM
Hexane	1.6	0.54		ug/m3	1	9/1/2010 3:12:00 AM
Isopropyl alcohol	45	3.7		ug/m3	10	9/2/2010 3:02:00 AM
m&p-Xylene	18	13		ug/m3	10	9/2/2010 3:02:00 AM
Methyl Butyl Ketone	0.62	1.2	J	ug/m3	1	9/1/2010 3:12:00 AM
Methyl Ethyl Ketone	2.1	0.90		ug/m3	1	9/1/2010 3:12:00 AM
Methyl Isobutyl Ketone	0.71	1.2	J	ug/m3	1	9/1/2010 3:12:00 AM
Methyl tert-butyl ether	0.77	0.55		ug/m3	1	9/1/2010 3:12:00 AM
Methylene chloride	1.0	0.53		ug/m3	1	9/1/2010 3:12:00 AM
o-Xylene	6.8	0.66		ug/m3	1	9/1/2010 3:12:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 3:12:00 AM
Styrene	1.3	0.65		ug/m3	1	9/1/2010 3:12:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 3:12:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 3:12:00 AM
Toluene	18	5.7		ug/m3	10	9/2/2010 3:02:00 AM
trans-1,2-Dichloroethene	0.56	0.60	J	ug/m3	1	9/1/2010 3:12:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 3:12:00 AM
Trichloroethene	7.0	0.82		ug/m3	1	9/1/2010 3:12:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 3:12:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 3:12:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 3:12:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-IA-05N
Lab Order:	C1008073	**Tag Number:**	226,251
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **LL**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,2,4-Trimethylbenzene	0.28	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 12:59:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Acetone	9.0	0.30	E	ppbV	1	8/31/2010 12:59:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Benzene	0.14	0.15	J	ppbV	1	8/31/2010 12:59:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Carbon disulfide	0.14	0.15	J	ppbV	1	8/31/2010 12:59:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 12:59:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-IA-05N
Lab Order:	C1008073	**Tag Number:**	226,251
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 12:59:00 AM
Ethylbenzene	0.11	0.15	J	ppbV	1	8/31/2010 12:59:00 AM
Freon 11	0.27	0.15		ppbV	1	8/31/2010 12:59:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Hexane	0.43	0.15		ppbV	1	8/31/2010 12:59:00 AM
Isopropyl alcohol	22	0.15	E	ppbV	1	8/31/2010 12:59:00 AM
m&p-Xylene	0.28	0.30	J	ppbV	1	8/31/2010 12:59:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 12:59:00 AM
Methyl Ethyl Ketone	0.95	0.30		ppbV	1	8/31/2010 12:59:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 12:59:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Methylene chloride	0.21	0.15		ppbV	1	8/31/2010 12:59:00 AM
o-Xylene	0.11	0.15	J	ppbV	1	8/31/2010 12:59:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Toluene	0.89	0.15		ppbV	1	8/31/2010 12:59:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Trichloroethene	0.17	0.040		ppbV	1	8/31/2010 12:59:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 12:59:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 12:59:00 AM
Surr: Bromofluorobenzene	108	70-130		%REC	1	8/31/2010 12:59:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-IA-05N
Lab Order:	C1008073	**Tag Number:**	226,251
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 12:59:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 12:59:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 12:59:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 12:59:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:59:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 12:59:00 AM
1,2,4-Trimethylbenzene	1.4	0.75		ug/m3	1	8/31/2010 12:59:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 12:59:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:59:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 12:59:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 12:59:00 AM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	8/31/2010 12:59:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 12:59:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:59:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:59:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 12:59:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 12:59:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 12:59:00 AM
Acetone	22	0.72	E	ug/m3	1	8/31/2010 12:59:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 12:59:00 AM
Benzene	0.45	0.49	J	ug/m3	1	8/31/2010 12:59:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 12:59:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 12:59:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 12:59:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 12:59:00 AM
Carbon disulfide	0.44	0.47	J	ug/m3	1	8/31/2010 12:59:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 12:59:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 12:59:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 12:59:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 12:59:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 12:59:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:59:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 12:59:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 12:59:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 12:59:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 12:59:00 AM
Ethylbenzene	0.49	0.66	J	ug/m3	1	8/31/2010 12:59:00 AM
Freon 11	1.5	0.86		ug/m3	1	8/31/2010 12:59:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-IA-05N
Lab Order:	C1008073	**Tag Number:**	226,251
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 12:59:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 12:59:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 12:59:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 12:59:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 12:59:00 AM
Hexane	1.5	0.54		ug/m3	1	8/31/2010 12:59:00 AM
Isopropyl alcohol	56	0.37	E	ug/m3	1	8/31/2010 12:59:00 AM
m&p-Xylene	1.2	1.3	J	ug/m3	1	8/31/2010 12:59:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 12:59:00 AM
Methyl Ethyl Ketone	2.8	0.90		ug/m3	1	8/31/2010 12:59:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 12:59:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 12:59:00 AM
Methylene chloride	0.74	0.53		ug/m3	1	8/31/2010 12:59:00 AM
o-Xylene	0.49	0.66	J	ug/m3	1	8/31/2010 12:59:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 12:59:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 12:59:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 12:59:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 12:59:00 AM
Toluene	3.4	0.57		ug/m3	1	8/31/2010 12:59:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:59:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 12:59:00 AM
Trichloroethene	0.93	0.22		ug/m3	1	8/31/2010 12:59:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 12:59:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 12:59:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 12:59:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-IA-05D
Lab Order:	C1008073	**Tag Number:**	128,146
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,2,4-Trimethylbenzene	0.22	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 1:34:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Acetone	10	0.30	E	ppbV	1	8/31/2010 1:34:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Benzene	0.13	0.15	J	ppbV	1	8/31/2010 1:34:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Carbon disulfide	0.16	0.15		ppbV	1	8/31/2010 1:34:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 1:34:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Chloromethane	0.34	0.15		ppbV	1	8/31/2010 1:34:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-IA-05D
Lab Order:	C1008073	**Tag Number:**	128,146
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 1:34:00 AM
Ethylbenzene	0.11	0.15	J	ppbV	1	8/31/2010 1:34:00 AM
Freon 11	0.24	0.15		ppbV	1	8/31/2010 1:34:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Heptane	0.18	0.15		ppbV	1	8/31/2010 1:34:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Hexane	0.65	0.15		ppbV	1	8/31/2010 1:34:00 AM
Isopropyl alcohol	26	0.15	E	ppbV	1	8/31/2010 1:34:00 AM
m&p-Xylene	0.28	0.30	J	ppbV	1	8/31/2010 1:34:00 AM
Methyl Butyl Ketone	0.12	0.30	J	ppbV	1	8/31/2010 1:34:00 AM
Methyl Ethyl Ketone	1.4	0.30		ppbV	1	8/31/2010 1:34:00 AM
Methyl Isobutyl Ketone	0.18	0.30	J	ppbV	1	8/31/2010 1:34:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Methylene chloride	0.22	0.15		ppbV	1	8/31/2010 1:34:00 AM
o-Xylene	0.11	0.15	J	ppbV	1	8/31/2010 1:34:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Toluene	1.0	0.15		ppbV	1	8/31/2010 1:34:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Trichloroethene	0.15	0.040		ppbV	1	8/31/2010 1:34:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 1:34:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 1:34:00 AM
Surr: Bromofluorobenzene	106	70-130		%REC	1	8/31/2010 1:34:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-IA-05D
Lab Order:	C1008073	**Tag Number:**	128,146
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 1:34:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 1:34:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 1:34:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 1:34:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 1:34:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 1:34:00 AM
1,2,4-Trimethylbenzene	1.1	0.75		ug/m3	1	8/31/2010 1:34:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 1:34:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 1:34:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 1:34:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 1:34:00 AM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	8/31/2010 1:34:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 1:34:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 1:34:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 1:34:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 1:34:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 1:34:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 1:34:00 AM
Acetone	25	0.72	E	ug/m3	1	8/31/2010 1:34:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 1:34:00 AM
Benzene	0.42	0.49	J	ug/m3	1	8/31/2010 1:34:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 1:34:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 1:34:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 1:34:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 1:34:00 AM
Carbon disulfide	0.51	0.47		ug/m3	1	8/31/2010 1:34:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 1:34:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 1:34:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 1:34:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 1:34:00 AM
Chloromethane	0.71	0.31		ug/m3	1	8/31/2010 1:34:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 1:34:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 1:34:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 1:34:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 1:34:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 1:34:00 AM
Ethylbenzene	0.49	0.66	J	ug/m3	1	8/31/2010 1:34:00 AM
Freon 11	1.4	0.86		ug/m3	1	8/31/2010 1:34:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO42-IA-05D
Lab Order:	C1008073	**Tag Number:**	128,146
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 1:34:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 1:34:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 1:34:00 AM
Heptane	0.75	0.62		ug/m3	1	8/31/2010 1:34:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 1:34:00 AM
Hexane	2.3	0.54		ug/m3	1	8/31/2010 1:34:00 AM
Isopropyl alcohol	64	0.37	E	ug/m3	1	8/31/2010 1:34:00 AM
m&p-Xylene	1.2	1.3	J	ug/m3	1	8/31/2010 1:34:00 AM
Methyl Butyl Ketone	0.50	1.2	J	ug/m3	1	8/31/2010 1:34:00 AM
Methyl Ethyl Ketone	4.1	0.90		ug/m3	1	8/31/2010 1:34:00 AM
Methyl Isobutyl Ketone	0.75	1.2	J	ug/m3	1	8/31/2010 1:34:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 1:34:00 AM
Methylene chloride	0.78	0.53		ug/m3	1	8/31/2010 1:34:00 AM
o-Xylene	0.49	0.66	J	ug/m3	1	8/31/2010 1:34:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 1:34:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 1:34:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 1:34:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 1:34:00 AM
Toluene	3.9	0.57		ug/m3	1	8/31/2010 1:34:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 1:34:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 1:34:00 AM
Trichloroethene	0.82	0.22		ug/m3	1	8/31/2010 1:34:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 1:34:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 1:34:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 1:34:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-IA-05N
Lab Order:	C1008073	**Tag Number:**	561,187
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,2,4-Trimethylbenzene	0.36	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 2:10:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Acetone	9.4	0.30	E	ppbV	1	8/31/2010 2:10:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Benzene	0.14	0.15	J	ppbV	1	8/31/2010 2:10:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Carbon disulfide	0.17	0.15		ppbV	1	8/31/2010 2:10:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 2:10:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-IA-05N
Lab Order:	C1008073	**Tag Number:**	561,187
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 2:10:00 AM
Ethylbenzene	0.10	0.15	J	ppbV	1	8/31/2010 2:10:00 AM
Freon 11	0.29	0.15		ppbV	1	8/31/2010 2:10:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Hexane	0.39	0.15		ppbV	1	8/31/2010 2:10:00 AM
Isopropyl alcohol	16	0.15	E	ppbV	1	8/31/2010 2:10:00 AM
m&p-Xylene	0.28	0.30	J	ppbV	1	8/31/2010 2:10:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 2:10:00 AM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 2:10:00 AM
Methyl Isobutyl Ketone	0.11	0.30	J	ppbV	1	8/31/2010 2:10:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Methylene chloride	0.21	0.15		ppbV	1	8/31/2010 2:10:00 AM
o-Xylene	0.12	0.15	J	ppbV	1	8/31/2010 2:10:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Toluene	0.72	0.15		ppbV	1	8/31/2010 2:10:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Trichloroethene	0.17	0.040		ppbV	1	8/31/2010 2:10:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 2:10:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 2:10:00 AM
Surr: Bromofluorobenzene	109	70-130		%REC	1	8/31/2010 2:10:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-IA-05N
Lab Order:	C1008073	**Tag Number:**	561,187
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 2:10:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 2:10:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 2:10:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 2:10:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:10:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 2:10:00 AM
1,2,4-Trimethylbenzene	1.8	0.75		ug/m3	1	8/31/2010 2:10:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 2:10:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:10:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 2:10:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 2:10:00 AM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	8/31/2010 2:10:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 2:10:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:10:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:10:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 2:10:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 2:10:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 2:10:00 AM
Acetone	23	0.72	E	ug/m3	1	8/31/2010 2:10:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 2:10:00 AM
Benzene	0.45	0.49	J	ug/m3	1	8/31/2010 2:10:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 2:10:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 2:10:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 2:10:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 2:10:00 AM
Carbon disulfide	0.54	0.47		ug/m3	1	8/31/2010 2:10:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 2:10:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 2:10:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 2:10:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 2:10:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 2:10:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:10:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 2:10:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 2:10:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 2:10:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 2:10:00 AM
Ethylbenzene	0.44	0.66	J	ug/m3	1	8/31/2010 2:10:00 AM
Freon 11	1.7	0.86		ug/m3	1	8/31/2010 2:10:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-IA-05N
Lab Order:	C1008073	**Tag Number:**	561,187
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 2:10:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 2:10:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 2:10:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 2:10:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 2:10:00 AM
Hexane	1.4	0.54		ug/m3	1	8/31/2010 2:10:00 AM
Isopropyl alcohol	41	0.37	E	ug/m3	1	8/31/2010 2:10:00 AM
m&p-Xylene	1.2	1.3	J	ug/m3	1	8/31/2010 2:10:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 2:10:00 AM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/31/2010 2:10:00 AM
Methyl Isobutyl Ketone	0.46	1.2	J	ug/m3	1	8/31/2010 2:10:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 2:10:00 AM
Methylene chloride	0.74	0.53		ug/m3	1	8/31/2010 2:10:00 AM
o-Xylene	0.53	0.66	J	ug/m3	1	8/31/2010 2:10:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 2:10:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 2:10:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 2:10:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 2:10:00 AM
Toluene	2.8	0.57		ug/m3	1	8/31/2010 2:10:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:10:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 2:10:00 AM
Trichloroethene	0.93	0.22		ug/m3	1	8/31/2010 2:10:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 2:10:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 2:10:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 2:10:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-SS-05N
Lab Order:	C1008073	**Tag Number:**	467,346
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	1.4	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,2,4-Trimethylbenzene	0.31	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,3,5-Trimethylbenzene	0.23	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 3:49:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Acetone	16	12		ppbV	40	9/2/2010 4:11:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Benzene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Carbon disulfide	0.17	0.15		ppbV	1	9/1/2010 3:49:00 AM
Carbon tetrachloride	0.54	0.15		ppbV	1	9/1/2010 3:49:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-SS-05N
Lab Order:	C1008073	**Tag Number:**	467,346
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 3:49:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Freon 11	17	6.0		ppbV	40	9/2/2010 4:11:00 AM
Freon 113	0.51	0.15		ppbV	1	9/1/2010 3:49:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Freon 12	0.34	0.15		ppbV	1	9/1/2010 3:49:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Hexane	0.18	0.15		ppbV	1	9/1/2010 3:49:00 AM
Isopropyl alcohol	26	6.0		ppbV	40	9/2/2010 4:11:00 AM
m&p-Xylene	0.20	0.30	J	ppbV	1	9/1/2010 3:49:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 3:49:00 AM
Methyl Ethyl Ketone	0.35	0.30		ppbV	1	9/1/2010 3:49:00 AM
Methyl Isobutyl Ketone	0.12	0.30	J	ppbV	1	9/1/2010 3:49:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Methylene chloride	0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Tetrachloroethylene	0.21	0.15		ppbV	1	9/1/2010 3:49:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Toluene	0.59	0.15		ppbV	1	9/1/2010 3:49:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Trichloroethene	67	6.0		ppbV	40	9/2/2010 4:11:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:49:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/1/2010 3:49:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-SS-05N
Lab Order:	C1008073	**Tag Number:**	467,346
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	8.0	0.83		ug/m3	1	9/1/2010 3:49:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 3:49:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 3:49:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 3:49:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:49:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 3:49:00 AM
1,2,4-Trimethylbenzene	1.5	0.75		ug/m3	1	9/1/2010 3:49:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 3:49:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:49:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 3:49:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 3:49:00 AM
1,3,5-Trimethylbenzene	1.1	0.75		ug/m3	1	9/1/2010 3:49:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 3:49:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:49:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:49:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 3:49:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 3:49:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 3:49:00 AM
Acetone	40	29		ug/m3	40	9/2/2010 4:11:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 3:49:00 AM
Benzene	< 0.49	0.49		ug/m3	1	9/1/2010 3:49:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 3:49:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 3:49:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 3:49:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 3:49:00 AM
Carbon disulfide	0.54	0.47		ug/m3	1	9/1/2010 3:49:00 AM
Carbon tetrachloride	3.5	0.96		ug/m3	1	9/1/2010 3:49:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 3:49:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 3:49:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 3:49:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 3:49:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:49:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 3:49:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/1/2010 3:49:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 3:49:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 3:49:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/1/2010 3:49:00 AM
Freon 11	96	34		ug/m3	40	9/2/2010 4:11:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-SS-05N
Lab Order:	C1008073	**Tag Number:**	467,346
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	4.0	1.2		ug/m3	1	9/1/2010 3:49:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 3:49:00 AM
Freon 12	1.7	0.75		ug/m3	1	9/1/2010 3:49:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 3:49:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 3:49:00 AM
Hexane	0.64	0.54		ug/m3	1	9/1/2010 3:49:00 AM
Isopropyl alcohol	66	15		ug/m3	40	9/2/2010 4:11:00 AM
m&p-Xylene	0.88	1.3	J	ug/m3	1	9/1/2010 3:49:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 3:49:00 AM
Methyl Ethyl Ketone	1.0	0.90		ug/m3	1	9/1/2010 3:49:00 AM
Methyl Isobutyl Ketone	0.50	1.2	J	ug/m3	1	9/1/2010 3:49:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 3:49:00 AM
Methylene chloride	0.53	0.53		ug/m3	1	9/1/2010 3:49:00 AM
o-Xylene	< 0.66	0.66		ug/m3	1	9/1/2010 3:49:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 3:49:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 3:49:00 AM
Tetrachloroethylene	1.4	1.0		ug/m3	1	9/1/2010 3:49:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 3:49:00 AM
Toluene	2.3	0.57		ug/m3	1	9/1/2010 3:49:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:49:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 3:49:00 AM
Trichloroethene	370	33		ug/m3	40	9/2/2010 4:11:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 3:49:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 3:49:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 3:49:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-IA-05D
Lab Order:	C1008073	**Tag Number:**	411,181
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,2,4-Trimethylbenzene	0.32	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,3,5-Trimethylbenzene	0.20	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 2:45:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Acetone	9.4	0.30	E	ppbV	1	8/31/2010 2:45:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Benzene	0.14	0.15	J	ppbV	1	8/31/2010 2:45:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Carbon disulfide	0.16	0.15		ppbV	1	8/31/2010 2:45:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 2:45:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Cyclohexane	0.12	0.15	J	ppbV	1	8/31/2010 2:45:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-IA-05D
Lab Order:	C1008073	**Tag Number:**	411,181
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 2:45:00 AM
Ethylbenzene	0.12	0.15	J	ppbV	1	8/31/2010 2:45:00 AM
Freon 11	0.27	0.15		ppbV	1	8/31/2010 2:45:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Hexane	0.45	0.15		ppbV	1	8/31/2010 2:45:00 AM
Isopropyl alcohol	20	0.15	E	ppbV	1	8/31/2010 2:45:00 AM
m&p-Xylene	0.31	0.30		ppbV	1	8/31/2010 2:45:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 2:45:00 AM
Methyl Ethyl Ketone	0.93	0.30		ppbV	1	8/31/2010 2:45:00 AM
Methyl Isobutyl Ketone	0.15	0.30	J	ppbV	1	8/31/2010 2:45:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Methylene chloride	0.23	0.15		ppbV	1	8/31/2010 2:45:00 AM
o-Xylene	0.12	0.15	J	ppbV	1	8/31/2010 2:45:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Toluene	0.95	0.15		ppbV	1	8/31/2010 2:45:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Trichloroethene	0.16	0.040		ppbV	1	8/31/2010 2:45:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 2:45:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 2:45:00 AM
Surr: Bromofluorobenzene	112	70-130		%REC	1	8/31/2010 2:45:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-IA-05D
Lab Order:	C1008073	**Tag Number:**	411,181
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 2:45:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 2:45:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 2:45:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 2:45:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:45:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 2:45:00 AM
1,2,4-Trimethylbenzene	1.6	0.75		ug/m3	1	8/31/2010 2:45:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 2:45:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:45:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 2:45:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 2:45:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	8/31/2010 2:45:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 2:45:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:45:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:45:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 2:45:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	8/31/2010 2:45:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 2:45:00 AM
Acetone	23	0.72	E	ug/m3	1	8/31/2010 2:45:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 2:45:00 AM
Benzene	0.45	0.49	J	ug/m3	1	8/31/2010 2:45:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 2:45:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 2:45:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 2:45:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 2:45:00 AM
Carbon disulfide	0.51	0.47		ug/m3	1	8/31/2010 2:45:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 2:45:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 2:45:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 2:45:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 2:45:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 2:45:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:45:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 2:45:00 AM
Cyclohexane	0.42	0.52	J	ug/m3	1	8/31/2010 2:45:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 2:45:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 2:45:00 AM
Ethylbenzene	0.53	0.66	J	ug/m3	1	8/31/2010 2:45:00 AM
Freon 11	1.5	0.86		ug/m3	1	8/31/2010 2:45:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO98-IA-05D
Lab Order:	C1008073	**Tag Number:**	411,181
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 2:45:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 2:45:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 2:45:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 2:45:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 2:45:00 AM
Hexane	1.6	0.54		ug/m3	1	8/31/2010 2:45:00 AM
Isopropyl alcohol	49	0.37	E	ug/m3	1	8/31/2010 2:45:00 AM
m&p-Xylene	1.4	1.3		ug/m3	1	8/31/2010 2:45:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 2:45:00 AM
Methyl Ethyl Ketone	2.8	0.90		ug/m3	1	8/31/2010 2:45:00 AM
Methyl Isobutyl Ketone	0.62	1.2	J	ug/m3	1	8/31/2010 2:45:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 2:45:00 AM
Methylene chloride	0.81	0.53		ug/m3	1	8/31/2010 2:45:00 AM
o-Xylene	0.53	0.66	J	ug/m3	1	8/31/2010 2:45:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 2:45:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 2:45:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 2:45:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 2:45:00 AM
Toluene	3.6	0.57		ug/m3	1	8/31/2010 2:45:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:45:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 2:45:00 AM
Trichloroethene	0.87	0.22		ug/m3	1	8/31/2010 2:45:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 2:45:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 2:45:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 2:45:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO31-SS-05N
Lab Order:	C1008073	**Tag Number:**	201,439
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-9			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	11	3.0		ppbV	20	9/2/2010 5:19:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,2,4-Trimethylbenzene	0.41	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,3,5-Trimethylbenzene	0.23	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 4:27:00 AM
2,2,4-trimethylpentane	0.27	0.15		ppbV	1	9/1/2010 4:27:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Acetone	10	6.0		ppbV	20	9/2/2010 5:19:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Benzene	0.12	0.15	J	ppbV	1	9/1/2010 4:27:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Carbon disulfide	0.20	0.15		ppbV	1	9/1/2010 4:27:00 AM
Carbon tetrachloride	0.18	0.15		ppbV	1	9/1/2010 4:27:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Chloroform	0.11	0.15	J	ppbV	1	9/1/2010 4:27:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Cyclohexane	0.11	0.15	J	ppbV	1	9/1/2010 4:27:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO31-SS-05N
Lab Order:	C1008073	**Tag Number:**	201,439
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 4:27:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Freon 11	0.60	0.15		ppbV	1	9/1/2010 4:27:00 AM
Freon 113	5.8	3.0		ppbV	20	9/2/2010 5:19:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Freon 12	0.62	0.15		ppbV	1	9/1/2010 4:27:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Hexane	0.34	0.15		ppbV	1	9/1/2010 4:27:00 AM
Isopropyl alcohol	15	3.0		ppbV	20	9/2/2010 5:19:00 AM
m&p-Xylene	0.28	0.30	J	ppbV	1	9/1/2010 4:27:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 4:27:00 AM
Methyl Ethyl Ketone	0.57	0.30		ppbV	1	9/1/2010 4:27:00 AM
Methyl Isobutyl Ketone	0.14	0.30	J	ppbV	1	9/1/2010 4:27:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Methylene chloride	0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
o-Xylene	0.14	0.15	J	ppbV	1	9/1/2010 4:27:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Tetrachloroethylene	0.20	0.15		ppbV	1	9/1/2010 4:27:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Toluene	0.83	0.15		ppbV	1	9/1/2010 4:27:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Trichloroethene	26	3.0		ppbV	20	9/2/2010 5:19:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:27:00 AM
Surr: Bromofluorobenzene	100	70-130		%REC	1	9/1/2010 4:27:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO31-SS-05N
Lab Order:	C1008073	**Tag Number:**	201,439
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	59	17		ug/m3	20	9/2/2010 5:19:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:27:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 4:27:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 4:27:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:27:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 4:27:00 AM
1,2,4-Trimethylbenzene	2.0	0.75		ug/m3	1	9/1/2010 4:27:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 4:27:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:27:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 4:27:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 4:27:00 AM
1,3,5-Trimethylbenzene	1.1	0.75		ug/m3	1	9/1/2010 4:27:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 4:27:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:27:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:27:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 4:27:00 AM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	9/1/2010 4:27:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 4:27:00 AM
Acetone	25	14		ug/m3	20	9/2/2010 5:19:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 4:27:00 AM
Benzene	0.39	0.49	J	ug/m3	1	9/1/2010 4:27:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 4:27:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:27:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 4:27:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 4:27:00 AM
Carbon disulfide	0.63	0.47		ug/m3	1	9/1/2010 4:27:00 AM
Carbon tetrachloride	1.2	0.96		ug/m3	1	9/1/2010 4:27:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 4:27:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 4:27:00 AM
Chloroform	0.55	0.74	J	ug/m3	1	9/1/2010 4:27:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 4:27:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:27:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:27:00 AM
Cyclohexane	0.38	0.52	J	ug/m3	1	9/1/2010 4:27:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 4:27:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 4:27:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/1/2010 4:27:00 AM
Freon 11	3.4	0.86		ug/m3	1	9/1/2010 4:27:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO31-SS-05N
Lab Order:	C1008073	**Tag Number:**	201,439
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	45	23		ug/m3	20	9/2/2010 5:19:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 4:27:00 AM
Freon 12	3.1	0.75		ug/m3	1	9/1/2010 4:27:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 4:27:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 4:27:00 AM
Hexane	1.2	0.54		ug/m3	1	9/1/2010 4:27:00 AM
Isopropyl alcohol	38	7.5		ug/m3	20	9/2/2010 5:19:00 AM
m&p-Xylene	1.2	1.3	J	ug/m3	1	9/1/2010 4:27:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 4:27:00 AM
Methyl Ethyl Ketone	1.7	0.90		ug/m3	1	9/1/2010 4:27:00 AM
Methyl Isobutyl Ketone	0.58	1.2	J	ug/m3	1	9/1/2010 4:27:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 4:27:00 AM
Methylene chloride	0.53	0.53		ug/m3	1	9/1/2010 4:27:00 AM
o-Xylene	0.62	0.66	J	ug/m3	1	9/1/2010 4:27:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 4:27:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 4:27:00 AM
Tetrachloroethylene	1.4	1.0		ug/m3	1	9/1/2010 4:27:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 4:27:00 AM
Toluene	3.2	0.57		ug/m3	1	9/1/2010 4:27:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:27:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:27:00 AM
Trichloroethene	140	16		ug/m3	20	9/2/2010 5:19:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 4:27:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 4:27:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 4:27:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO31-IA-05N
Lab Order:	C1008073	**Tag Number:**	363,152
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,2,4-Trimethylbenzene	0.39	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 3:21:00 AM
2,2,4-trimethylpentane	0.13	0.15	J	ppbV	1	8/31/2010 3:21:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Acetone	9.6	0.30	E	ppbV	1	8/31/2010 3:21:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Benzene	0.14	0.15	J	ppbV	1	8/31/2010 3:21:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Carbon disulfide	0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Carbon tetrachloride	0.040	0.040		ppbV	1	8/31/2010 3:21:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Cyclohexane	0.28	0.15		ppbV	1	8/31/2010 3:21:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO31-IA-05N
Lab Order:	C1008073	**Tag Number:**	363,152
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 3:21:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Freon 11	0.29	0.15		ppbV	1	8/31/2010 3:21:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Heptane	0.17	0.15		ppbV	1	8/31/2010 3:21:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Hexane	0.43	0.15		ppbV	1	8/31/2010 3:21:00 AM
Isopropyl alcohol	20	0.15	E	ppbV	1	8/31/2010 3:21:00 AM
m&p-Xylene	0.28	0.30	J	ppbV	1	8/31/2010 3:21:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 3:21:00 AM
Methyl Ethyl Ketone	1.0	0.30		ppbV	1	8/31/2010 3:21:00 AM
Methyl Isobutyl Ketone	0.19	0.30	J	ppbV	1	8/31/2010 3:21:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Methylene chloride	0.24	0.15		ppbV	1	8/31/2010 3:21:00 AM
o-Xylene	0.13	0.15	J	ppbV	1	8/31/2010 3:21:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Toluene	0.87	0.15		ppbV	1	8/31/2010 3:21:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Trichloroethene	0.17	0.040		ppbV	1	8/31/2010 3:21:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 3:21:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 3:21:00 AM
Surr: Bromofluorobenzene	109	70-130		%REC	1	8/31/2010 3:21:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO31-IA-05N
Lab Order:	C1008073	**Tag Number:**	363,152
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 3:21:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 3:21:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 3:21:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 3:21:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:21:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 3:21:00 AM
1,2,4-Trimethylbenzene	1.9	0.75		ug/m3	1	8/31/2010 3:21:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 3:21:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:21:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 3:21:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 3:21:00 AM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	8/31/2010 3:21:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 3:21:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:21:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:21:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 3:21:00 AM
2,2,4-trimethylpentane	0.62	0.71	J	ug/m3	1	8/31/2010 3:21:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 3:21:00 AM
Acetone	23	0.72	E	ug/m3	1	8/31/2010 3:21:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 3:21:00 AM
Benzene	0.45	0.49	J	ug/m3	1	8/31/2010 3:21:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 3:21:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 3:21:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 3:21:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 3:21:00 AM
Carbon disulfide	0.47	0.47		ug/m3	1	8/31/2010 3:21:00 AM
Carbon tetrachloride	0.26	0.26		ug/m3	1	8/31/2010 3:21:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 3:21:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 3:21:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 3:21:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 3:21:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:21:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 3:21:00 AM
Cyclohexane	0.98	0.52		ug/m3	1	8/31/2010 3:21:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 3:21:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 3:21:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	8/31/2010 3:21:00 AM
Freon 11	1.7	0.86		ug/m3	1	8/31/2010 3:21:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO31-IA-05N
Lab Order:	C1008073	**Tag Number:**	363,152
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 3:21:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 3:21:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 3:21:00 AM
Heptane	0.71	0.62		ug/m3	1	8/31/2010 3:21:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 3:21:00 AM
Hexane	1.5	0.54		ug/m3	1	8/31/2010 3:21:00 AM
Isopropyl alcohol	49	0.37	E	ug/m3	1	8/31/2010 3:21:00 AM
m&p-Xylene	1.2	1.3	J	ug/m3	1	8/31/2010 3:21:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 3:21:00 AM
Methyl Ethyl Ketone	3.1	0.90		ug/m3	1	8/31/2010 3:21:00 AM
Methyl Isobutyl Ketone	0.79	1.2	J	ug/m3	1	8/31/2010 3:21:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 3:21:00 AM
Methylene chloride	0.85	0.53		ug/m3	1	8/31/2010 3:21:00 AM
o-Xylene	0.57	0.66	J	ug/m3	1	8/31/2010 3:21:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 3:21:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 3:21:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 3:21:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 3:21:00 AM
Toluene	3.3	0.57		ug/m3	1	8/31/2010 3:21:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:21:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 3:21:00 AM
Trichloroethene	0.93	0.22		ug/m3	1	8/31/2010 3:21:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 3:21:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 3:21:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 3:21:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO99-SS-05N
Lab Order:	C1008073	**Tag Number:**	242,54
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	9.0	1.5		ppbV	10	9/2/2010 5:55:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,2,4-Trimethylbenzene	0.39	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,3,5-Trimethylbenzene	0.24	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 5:07:00 AM
2,2,4-trimethylpentane	0.75	0.15		ppbV	1	9/1/2010 5:07:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Acetone	9.9	3.0		ppbV	10	9/2/2010 5:55:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Benzene	0.13	0.15	J	ppbV	1	9/1/2010 5:07:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Carbon disulfide	0.16	0.15		ppbV	1	9/1/2010 5:07:00 AM
Carbon tetrachloride	0.19	0.15		ppbV	1	9/1/2010 5:07:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Chloroform	0.22	0.15		ppbV	1	9/1/2010 5:07:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Cyclohexane	0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO99-SS-05N
Lab Order:	C1008073	**Tag Number:**	242,54
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	0.30	0.25		ppbV	1	9/1/2010 5:07:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Freon 11	0.40	0.15		ppbV	1	9/1/2010 5:07:00 AM
Freon 113	3.0	1.5		ppbV	10	9/2/2010 5:55:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Freon 12	0.99	0.15		ppbV	1	9/1/2010 5:07:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Hexane	0.47	0.15		ppbV	1	9/1/2010 5:07:00 AM
Isopropyl alcohol	16	1.5		ppbV	10	9/2/2010 5:55:00 AM
m&p-Xylene	0.25	0.30	J	ppbV	1	9/1/2010 5:07:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 5:07:00 AM
Methyl Ethyl Ketone	0.69	0.30		ppbV	1	9/1/2010 5:07:00 AM
Methyl Isobutyl Ketone	0.26	0.30	J	ppbV	1	9/1/2010 5:07:00 AM
Methyl tert-butyl ether	0.36	0.15		ppbV	1	9/1/2010 5:07:00 AM
Methylene chloride	0.17	0.15		ppbV	1	9/1/2010 5:07:00 AM
o-Xylene	0.12	0.15	J	ppbV	1	9/1/2010 5:07:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Toluene	0.85	0.15		ppbV	1	9/1/2010 5:07:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Trichloroethene	23	6.0		ppbV	40	9/2/2010 6:31:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:07:00 AM
Surr: Bromofluorobenzene	100	70-130		%REC	1	9/1/2010 5:07:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO99-SS-05N
Lab Order:	C1008073	**Tag Number:**	242,54
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	50	8.3		ug/m3	10	9/2/2010 5:55:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 5:07:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 5:07:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 5:07:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:07:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 5:07:00 AM
1,2,4-Trimethylbenzene	1.9	0.75		ug/m3	1	9/1/2010 5:07:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 5:07:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:07:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 5:07:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 5:07:00 AM
1,3,5-Trimethylbenzene	1.2	0.75		ug/m3	1	9/1/2010 5:07:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 5:07:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:07:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:07:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 5:07:00 AM
2,2,4-trimethylpentane	3.6	0.71		ug/m3	1	9/1/2010 5:07:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 5:07:00 AM
Acetone	24	7.2		ug/m3	10	9/2/2010 5:55:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 5:07:00 AM
Benzene	0.42	0.49	J	ug/m3	1	9/1/2010 5:07:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 5:07:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 5:07:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 5:07:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 5:07:00 AM
Carbon disulfide	0.51	0.47		ug/m3	1	9/1/2010 5:07:00 AM
Carbon tetrachloride	1.2	0.96		ug/m3	1	9/1/2010 5:07:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 5:07:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 5:07:00 AM
Chloroform	1.1	0.74		ug/m3	1	9/1/2010 5:07:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 5:07:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:07:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 5:07:00 AM
Cyclohexane	0.52	0.52		ug/m3	1	9/1/2010 5:07:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 5:07:00 AM
Ethyl acetate	1.1	0.92		ug/m3	1	9/1/2010 5:07:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/1/2010 5:07:00 AM
Freon 11	2.3	0.86		ug/m3	1	9/1/2010 5:07:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO99-SS-05N
Lab Order:	C1008073	**Tag Number:**	242,54
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: LL
Freon 113	23	12		ug/m3	10	9/2/2010 5:55:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 5:07:00 AM
Freon 12	5.0	0.75		ug/m3	1	9/1/2010 5:07:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 5:07:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 5:07:00 AM
Hexane	1.7	0.54		ug/m3	1	9/1/2010 5:07:00 AM
Isopropyl alcohol	40	3.7		ug/m3	10	9/2/2010 5:55:00 AM
m&p-Xylene	1.1	1.3	J	ug/m3	1	9/1/2010 5:07:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 5:07:00 AM
Methyl Ethyl Ketone	2.1	0.90		ug/m3	1	9/1/2010 5:07:00 AM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	9/1/2010 5:07:00 AM
Methyl tert-butyl ether	1.3	0.55		ug/m3	1	9/1/2010 5:07:00 AM
Methylene chloride	0.60	0.53		ug/m3	1	9/1/2010 5:07:00 AM
o-Xylene	0.53	0.66	J	ug/m3	1	9/1/2010 5:07:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 5:07:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 5:07:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 5:07:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 5:07:00 AM
Toluene	3.3	0.57		ug/m3	1	9/1/2010 5:07:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:07:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 5:07:00 AM
Trichloroethene	130	33		ug/m3	40	9/2/2010 6:31:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 5:07:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 5:07:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 5:07:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO99-IA-05N
Lab Order:	C1008073	**Tag Number:**	198,298
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,2,4-Trimethylbenzene	0.34	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 3:58:00 AM
2,2,4-trimethylpentane	0.17	0.15		ppbV	1	8/31/2010 3:58:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Acetone	10	0.30	E	ppbV	1	8/31/2010 3:58:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Benzene	0.14	0.15	J	ppbV	1	8/31/2010 3:58:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Carbon disulfide	0.17	0.15		ppbV	1	8/31/2010 3:58:00 AM
Carbon tetrachloride	0.040	0.040		ppbV	1	8/31/2010 3:58:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Cyclohexane	0.14	0.15	J	ppbV	1	8/31/2010 3:58:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO99-IA-05N
Lab Order:	C1008073	**Tag Number:**	198,298
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 3:58:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Freon 11	0.28	0.15		ppbV	1	8/31/2010 3:58:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Heptane	0.17	0.15		ppbV	1	8/31/2010 3:58:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Hexane	0.48	0.15		ppbV	1	8/31/2010 3:58:00 AM
Isopropyl alcohol	31	0.15	E	ppbV	1	8/31/2010 3:58:00 AM
m&p-Xylene	0.27	0.30	J	ppbV	1	8/31/2010 3:58:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 3:58:00 AM
Methyl Ethyl Ketone	0.95	0.30		ppbV	1	8/31/2010 3:58:00 AM
Methyl Isobutyl Ketone	0.34	0.30		ppbV	1	8/31/2010 3:58:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Methylene chloride	0.19	0.15		ppbV	1	8/31/2010 3:58:00 AM
o-Xylene	0.14	0.15	J	ppbV	1	8/31/2010 3:58:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Toluene	0.91	0.15		ppbV	1	8/31/2010 3:58:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Trichloroethene	0.13	0.040		ppbV	1	8/31/2010 3:58:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 3:58:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 3:58:00 AM
Surr: Bromofluorobenzene	107	70-130		%REC	1	8/31/2010 3:58:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO99-IA-05N
Lab Order:	C1008073	**Tag Number:**	198,298
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 3:58:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 3:58:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 3:58:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 3:58:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:58:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 3:58:00 AM
1,2,4-Trimethylbenzene	1.7	0.75		ug/m3	1	8/31/2010 3:58:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 3:58:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:58:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 3:58:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 3:58:00 AM
1,3,5-Trimethylbenzene	0.90	0.75		ug/m3	1	8/31/2010 3:58:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 3:58:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:58:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:58:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 3:58:00 AM
2,2,4-trimethylpentane	0.81	0.71		ug/m3	1	8/31/2010 3:58:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 3:58:00 AM
Acetone	24	0.72	E	ug/m3	1	8/31/2010 3:58:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 3:58:00 AM
Benzene	0.45	0.49	J	ug/m3	1	8/31/2010 3:58:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 3:58:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 3:58:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 3:58:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 3:58:00 AM
Carbon disulfide	0.54	0.47		ug/m3	1	8/31/2010 3:58:00 AM
Carbon tetrachloride	0.26	0.26		ug/m3	1	8/31/2010 3:58:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 3:58:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 3:58:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 3:58:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 3:58:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:58:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 3:58:00 AM
Cyclohexane	0.49	0.52	J	ug/m3	1	8/31/2010 3:58:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 3:58:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 3:58:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	8/31/2010 3:58:00 AM
Freon 11	1.6	0.86		ug/m3	1	8/31/2010 3:58:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO99-IA-05N
Lab Order:	C1008073	**Tag Number:**	198,298
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: LL
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 3:58:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 3:58:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 3:58:00 AM
Heptane	0.71	0.62		ug/m3	1	8/31/2010 3:58:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 3:58:00 AM
Hexane	1.7	0.54		ug/m3	1	8/31/2010 3:58:00 AM
Isopropyl alcohol	77	0.37	E	ug/m3	1	8/31/2010 3:58:00 AM
m&p-Xylene	1.2	1.3	J	ug/m3	1	8/31/2010 3:58:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 3:58:00 AM
Methyl Ethyl Ketone	2.8	0.90		ug/m3	1	8/31/2010 3:58:00 AM
Methyl Isobutyl Ketone	1.4	1.2		ug/m3	1	8/31/2010 3:58:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 3:58:00 AM
Methylene chloride	0.67	0.53		ug/m3	1	8/31/2010 3:58:00 AM
o-Xylene	0.62	0.66	J	ug/m3	1	8/31/2010 3:58:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 3:58:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 3:58:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 3:58:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 3:58:00 AM
Toluene	3.5	0.57		ug/m3	1	8/31/2010 3:58:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:58:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 3:58:00 AM
Trichloroethene	0.71	0.22		ug/m3	1	8/31/2010 3:58:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 3:58:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 3:58:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 3:58:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO32-IA-05N
Lab Order:	C1008073	**Tag Number:**	554,386
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,2,4-Trimethylbenzene	0.37	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 4:35:00 AM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	8/31/2010 4:35:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Acetone	8.7	0.30	E	ppbV	1	8/31/2010 4:35:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Benzene	0.13	0.15	J	ppbV	1	8/31/2010 4:35:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Carbon disulfide	0.16	0.15		ppbV	1	8/31/2010 4:35:00 AM
Carbon tetrachloride	0.050	0.040		ppbV	1	8/31/2010 4:35:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
cis-1,2-Dichloroethene	0.10	0.15	J	ppbV	1	8/31/2010 4:35:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO32-IA-05N
Lab Order:	C1008073	**Tag Number:**	554,386
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 4:35:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Freon 11	0.25	0.15		ppbV	1	8/31/2010 4:35:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Hexane	0.32	0.15		ppbV	1	8/31/2010 4:35:00 AM
Isopropyl alcohol	15	0.15	E	ppbV	1	8/31/2010 4:35:00 AM
m&p-Xylene	0.26	0.30	J	ppbV	1	8/31/2010 4:35:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 4:35:00 AM
Methyl Ethyl Ketone	0.77	0.30		ppbV	1	8/31/2010 4:35:00 AM
Methyl Isobutyl Ketone	0.16	0.30	J	ppbV	1	8/31/2010 4:35:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Methylene chloride	0.23	0.15		ppbV	1	8/31/2010 4:35:00 AM
o-Xylene	0.11	0.15	J	ppbV	1	8/31/2010 4:35:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Toluene	0.85	0.15		ppbV	1	8/31/2010 4:35:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Trichloroethene	0.31	0.040		ppbV	1	8/31/2010 4:35:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 4:35:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 4:35:00 AM
Surr: Bromofluorobenzene	105	70-130		%REC	1	8/31/2010 4:35:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO32-IA-05N
Lab Order:	C1008073	**Tag Number:**	554,386
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 4:35:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 4:35:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 4:35:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 4:35:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 4:35:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 4:35:00 AM
1,2,4-Trimethylbenzene	1.8	0.75		ug/m3	1	8/31/2010 4:35:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 4:35:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 4:35:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 4:35:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 4:35:00 AM
1,3,5-Trimethylbenzene	0.90	0.75		ug/m3	1	8/31/2010 4:35:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 4:35:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 4:35:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 4:35:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 4:35:00 AM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	8/31/2010 4:35:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/31/2010 4:35:00 AM
Acetone	21	0.72	E	ug/m3	1	8/31/2010 4:35:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 4:35:00 AM
Benzene	0.42	0.49	J	ug/m3	1	8/31/2010 4:35:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 4:35:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 4:35:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 4:35:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 4:35:00 AM
Carbon disulfide	0.51	0.47		ug/m3	1	8/31/2010 4:35:00 AM
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/31/2010 4:35:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 4:35:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 4:35:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 4:35:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 4:35:00 AM
cis-1,2-Dichloroethene	0.40	0.60	J	ug/m3	1	8/31/2010 4:35:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 4:35:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 4:35:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 4:35:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 4:35:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	8/31/2010 4:35:00 AM
Freon 11	1.4	0.86		ug/m3	1	8/31/2010 4:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO32-IA-05N
Lab Order:	C1008073	**Tag Number:**	554,386
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 4:35:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 4:35:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 4:35:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 4:35:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 4:35:00 AM
Hexane	1.1	0.54		ug/m3	1	8/31/2010 4:35:00 AM
Isopropyl alcohol	38	0.37	E	ug/m3	1	8/31/2010 4:35:00 AM
m&p-Xylene	1.1	1.3	J	ug/m3	1	8/31/2010 4:35:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 4:35:00 AM
Methyl Ethyl Ketone	2.3	0.90		ug/m3	1	8/31/2010 4:35:00 AM
Methyl Isobutyl Ketone	0.67	1.2	J	ug/m3	1	8/31/2010 4:35:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 4:35:00 AM
Methylene chloride	0.81	0.53		ug/m3	1	8/31/2010 4:35:00 AM
o-Xylene	0.49	0.66	J	ug/m3	1	8/31/2010 4:35:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 4:35:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 4:35:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 4:35:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 4:35:00 AM
Toluene	3.3	0.57		ug/m3	1	8/31/2010 4:35:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 4:35:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 4:35:00 AM
Trichloroethene	1.7	0.22		ug/m3	1	8/31/2010 4:35:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 4:35:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 4:35:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 4:35:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO32-SS-05N
Lab Order:	C1008073	**Tag Number:**	355,379
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **LL**
1,1,1-Trichloroethane	0.16	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,2,4-Trimethylbenzene	0.27	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 5:46:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Acetone	6.2	0.30	E	ppbV	1	9/1/2010 5:46:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Benzene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Carbon disulfide	0.13	0.15	J	ppbV	1	9/1/2010 5:46:00 AM
Carbon tetrachloride	0.070	0.15	J	ppbV	1	9/1/2010 5:46:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
cis-1,2-Dichloroethene	0.17	0.15		ppbV	1	9/1/2010 5:46:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Cyclohexane	0.10	0.15	J	ppbV	1	9/1/2010 5:46:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO32-SS-05N
Lab Order:	C1008073	**Tag Number:**	355,379
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 5:46:00 AM
Ethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Freon 11	0.19	0.15		ppbV	1	9/1/2010 5:46:00 AM
Freon 113	0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Freon 12	1.3	0.15		ppbV	1	9/1/2010 5:46:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Hexane	0.28	0.15		ppbV	1	9/1/2010 5:46:00 AM
Isopropyl alcohol	23	0.15	E	ppbV	1	9/1/2010 5:46:00 AM
m&p-Xylene	0.26	0.30	J	ppbV	1	9/1/2010 5:46:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 5:46:00 AM
Methyl Ethyl Ketone	0.55	0.30		ppbV	1	9/1/2010 5:46:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 5:46:00 AM
Methyl tert-butyl ether	0.18	0.15		ppbV	1	9/1/2010 5:46:00 AM
Methylene chloride	0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
o-Xylene	0.12	0.15	J	ppbV	1	9/1/2010 5:46:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Toluene	0.85	0.15		ppbV	1	9/1/2010 5:46:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Trichloroethene	0.55	0.15		ppbV	1	9/1/2010 5:46:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:46:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	9/1/2010 5:46:00 AM

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO32-SS-05N
Lab Order:	C1008073	**Tag Number:**	355,379
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	0.89	0.83		ug/m3	1	9/1/2010 5:46:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 5:46:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 5:46:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 5:46:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:46:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 5:46:00 AM
1,2,4-Trimethylbenzene	1.3	0.75		ug/m3	1	9/1/2010 5:46:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 5:46:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:46:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 5:46:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 5:46:00 AM
1,3,5-Trimethylbenzene	< 0.75	0.75		ug/m3	1	9/1/2010 5:46:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 5:46:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:46:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:46:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 5:46:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 5:46:00 AM
4-ethyltoluene	< 0.75	0.75		ug/m3	1	9/1/2010 5:46:00 AM
Acetone	15	0.72	E	ug/m3	1	9/1/2010 5:46:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 5:46:00 AM
Benzene	< 0.49	0.49		ug/m3	1	9/1/2010 5:46:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 5:46:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 5:46:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 5:46:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 5:46:00 AM
Carbon disulfide	0.41	0.47	J	ug/m3	1	9/1/2010 5:46:00 AM
Carbon tetrachloride	0.45	0.96	J	ug/m3	1	9/1/2010 5:46:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 5:46:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 5:46:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 5:46:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 5:46:00 AM
cis-1,2-Dichloroethene	0.69	0.60		ug/m3	1	9/1/2010 5:46:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 5:46:00 AM
Cyclohexane	0.35	0.52	J	ug/m3	1	9/1/2010 5:46:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 5:46:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 5:46:00 AM
Ethylbenzene	< 0.66	0.66		ug/m3	1	9/1/2010 5:46:00 AM
Freon 11	1.1	0.86		ug/m3	1	9/1/2010 5:46:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO32-SS-05N
Lab Order:	C1008073	**Tag Number:**	355,379
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	1.2	1.2		ug/m3	1	9/1/2010 5:46:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 5:46:00 AM
Freon 12	6.4	0.75		ug/m3	1	9/1/2010 5:46:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 5:46:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 5:46:00 AM
Hexane	1.0	0.54		ug/m3	1	9/1/2010 5:46:00 AM
Isopropyl alcohol	58	0.37	E	ug/m3	1	9/1/2010 5:46:00 AM
m&p-Xylene	1.1	1.3	J	ug/m3	1	9/1/2010 5:46:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 5:46:00 AM
Methyl Ethyl Ketone	1.6	0.90		ug/m3	1	9/1/2010 5:46:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 5:46:00 AM
Methyl tert-butyl ether	0.66	0.55		ug/m3	1	9/1/2010 5:46:00 AM
Methylene chloride	0.53	0.53		ug/m3	1	9/1/2010 5:46:00 AM
o-Xylene	0.53	0.66	J	ug/m3	1	9/1/2010 5:46:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 5:46:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 5:46:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 5:46:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 5:46:00 AM
Toluene	3.3	0.57		ug/m3	1	9/1/2010 5:46:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:46:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 5:46:00 AM
Trichloroethene	3.0	0.82		ug/m3	1	9/1/2010 5:46:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 5:46:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 5:46:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 5:46:00 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-SS-05N
Lab Order:	C1008073	**Tag Number:**	100,113
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	270	48		ppbV	320	9/2/2010 7:06:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,1-Dichloroethane	0.82	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,2,4-Trimethylbenzene	2.5	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,3,5-Trimethylbenzene	0.72	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 6:25:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
4-ethyltoluene	0.85	0.15		ppbV	1	9/1/2010 6:25:00 AM
Acetone	12	4.8		ppbV	16	9/2/2010 10:29:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Benzene	0.62	0.15		ppbV	1	9/1/2010 6:25:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Carbon disulfide	0.18	0.15		ppbV	1	9/1/2010 6:25:00 AM
Carbon tetrachloride	0.040	0.15	J	ppbV	1	9/1/2010 6:25:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Chloromethane	0.14	0.15	J	ppbV	1	9/1/2010 6:25:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Cyclohexane	0.13	0.15	J	ppbV	1	9/1/2010 6:25:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-SS-05N
Lab Order:	C1008073	**Tag Number:**	100,113
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 6:25:00 AM
Ethylbenzene	2.0	0.15		ppbV	1	9/1/2010 6:25:00 AM
Freon 11	0.17	0.15		ppbV	1	9/1/2010 6:25:00 AM
Freon 113	8.6	2.4		ppbV	16	9/2/2010 10:29:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Freon 12	0.25	0.15		ppbV	1	9/1/2010 6:25:00 AM
Heptane	0.19	0.15		ppbV	1	9/1/2010 6:25:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Hexane	0.92	0.15		ppbV	1	9/1/2010 6:25:00 AM
Isopropyl alcohol	13	2.4		ppbV	16	9/2/2010 10:29:00 AM
m&p-Xylene	3.0	4.8	J	ppbV	16	9/2/2010 10:29:00 AM
Methyl Butyl Ketone	0.18	0.30	J	ppbV	1	9/1/2010 6:25:00 AM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	9/1/2010 6:25:00 AM
Methyl Isobutyl Ketone	0.25	0.30	J	ppbV	1	9/1/2010 6:25:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Methylene chloride	0.22	0.15		ppbV	1	9/1/2010 6:25:00 AM
o-Xylene	1.6	0.15		ppbV	1	9/1/2010 6:25:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Styrene	0.38	0.15		ppbV	1	9/1/2010 6:25:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Toluene	3.8	2.4		ppbV	16	9/2/2010 10:29:00 AM
trans-1,2-Dichloroethene	0.11	0.15	J	ppbV	1	9/1/2010 6:25:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Trichloroethene	0.30	0.15		ppbV	1	9/1/2010 6:25:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:25:00 AM
Surr: Bromofluorobenzene	116	70-130		%REC	1	9/1/2010 6:25:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-SS-05N
Lab Order:	C1008073	**Tag Number:**	100,113
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	1500	270		ug/m3	320	9/2/2010 7:06:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 6:25:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 6:25:00 AM
1,1-Dichloroethane	3.4	0.62		ug/m3	1	9/1/2010 6:25:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 6:25:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 6:25:00 AM
1,2,4-Trimethylbenzene	12	0.75		ug/m3	1	9/1/2010 6:25:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 6:25:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:25:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 6:25:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 6:25:00 AM
1,3,5-Trimethylbenzene	3.6	0.75		ug/m3	1	9/1/2010 6:25:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 6:25:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:25:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:25:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 6:25:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 6:25:00 AM
4-ethyltoluene	4.2	0.75		ug/m3	1	9/1/2010 6:25:00 AM
Acetone	28	12		ug/m3	16	9/2/2010 10:29:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 6:25:00 AM
Benzene	2.0	0.49		ug/m3	1	9/1/2010 6:25:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 6:25:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 6:25:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 6:25:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 6:25:00 AM
Carbon disulfide	0.57	0.47		ug/m3	1	9/1/2010 6:25:00 AM
Carbon tetrachloride	0.26	0.96	J	ug/m3	1	9/1/2010 6:25:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 6:25:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 6:25:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 6:25:00 AM
Chloromethane	0.29	0.31	J	ug/m3	1	9/1/2010 6:25:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 6:25:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 6:25:00 AM
Cyclohexane	0.45	0.52	J	ug/m3	1	9/1/2010 6:25:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 6:25:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 6:25:00 AM
Ethylbenzene	8.9	0.66		ug/m3	1	9/1/2010 6:25:00 AM
Freon 11	0.97	0.86		ug/m3	1	9/1/2010 6:25:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-SS-05N
Lab Order:	C1008073	**Tag Number:**	100,113
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	67	19		ug/m3	16	9/2/2010 10:29:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 6:25:00 AM
Freon 12	1.3	0.75		ug/m3	1	9/1/2010 6:25:00 AM
Heptane	0.79	0.62		ug/m3	1	9/1/2010 6:25:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 6:25:00 AM
Hexane	3.3	0.54		ug/m3	1	9/1/2010 6:25:00 AM
Isopropyl alcohol	32	6.0		ug/m3	16	9/2/2010 10:29:00 AM
m&p-Xylene	13	21	J	ug/m3	16	9/2/2010 10:29:00 AM
Methyl Butyl Ketone	0.75	1.2	J	ug/m3	1	9/1/2010 6:25:00 AM
Methyl Ethyl Ketone	3.4	0.90		ug/m3	1	9/1/2010 6:25:00 AM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	9/1/2010 6:25:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 6:25:00 AM
Methylene chloride	0.78	0.53		ug/m3	1	9/1/2010 6:25:00 AM
o-Xylene	7.1	0.66		ug/m3	1	9/1/2010 6:25:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 6:25:00 AM
Styrene	1.6	0.65		ug/m3	1	9/1/2010 6:25:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 6:25:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 6:25:00 AM
Toluene	15	9.2		ug/m3	16	9/2/2010 10:29:00 AM
trans-1,2-Dichloroethene	0.44	0.60	J	ug/m3	1	9/1/2010 6:25:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 6:25:00 AM
Trichloroethene	1.6	0.82		ug/m3	1	9/1/2010 6:25:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 6:25:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 6:25:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 6:25:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-SS-05D
Lab Order:	C1008073	**Tag Number:**	545,147
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: LL
1,1,1-Trichloroethane	310	48		ppbV	320	9/2/2010 7:39:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,1-Dichloroethane	0.72	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,2,4-Trimethylbenzene	2.7	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,3,5-Trimethylbenzene	0.75	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 7:04:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
4-ethyltoluene	0.86	0.15		ppbV	1	9/1/2010 7:04:00 AM
Acetone	7.5	4.8		ppbV	16	9/2/2010 11:05:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Benzene	0.47	0.15		ppbV	1	9/1/2010 7:04:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Carbon disulfide	0.16	0.15		ppbV	1	9/1/2010 7:04:00 AM
Carbon tetrachloride	0.050	0.15	J	ppbV	1	9/1/2010 7:04:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Chloromethane	0.12	0.15	J	ppbV	1	9/1/2010 7:04:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Cyclohexane	0.12	0.15	J	ppbV	1	9/1/2010 7:04:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-SS-05D
Lab Order:	C1008073	**Tag Number:**	545,147
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 7:04:00 AM
Ethylbenzene	1.7	0.15		ppbV	1	9/1/2010 7:04:00 AM
Freon 11	0.17	0.15		ppbV	1	9/1/2010 7:04:00 AM
Freon 113	7.2	2.4		ppbV	16	9/2/2010 11:05:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Freon 12	0.30	0.15		ppbV	1	9/1/2010 7:04:00 AM
Heptane	0.21	0.15		ppbV	1	9/1/2010 7:04:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Hexane	0.61	0.15		ppbV	1	9/1/2010 7:04:00 AM
Isopropyl alcohol	9.1	2.4		ppbV	16	9/2/2010 11:05:00 AM
m&p-Xylene	2.4	4.8	J	ppbV	16	9/2/2010 11:05:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 7:04:00 AM
Methyl Ethyl Ketone	0.84	0.30		ppbV	1	9/1/2010 7:04:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 7:04:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Methylene chloride	0.22	0.15		ppbV	1	9/1/2010 7:04:00 AM
o-Xylene	1.5	0.15		ppbV	1	9/1/2010 7:04:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Styrene	0.32	0.15		ppbV	1	9/1/2010 7:04:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Toluene	2.7	2.4		ppbV	16	9/2/2010 11:05:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Trichloroethene	0.27	0.15		ppbV	1	9/1/2010 7:04:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:04:00 AM
Surr: Bromofluorobenzene	114	70-130		%REC	1	9/1/2010 7:04:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-SS-05D
Lab Order:	C1008073	**Tag Number:**	545,147
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	1700	270		ug/m3	320	9/2/2010 7:39:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:04:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 7:04:00 AM
1,1-Dichloroethane	3.0	0.62		ug/m3	1	9/1/2010 7:04:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:04:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 7:04:00 AM
1,2,4-Trimethylbenzene	14	0.75		ug/m3	1	9/1/2010 7:04:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 7:04:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:04:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 7:04:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 7:04:00 AM
1,3,5-Trimethylbenzene	3.7	0.75		ug/m3	1	9/1/2010 7:04:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 7:04:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:04:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:04:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 7:04:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/1/2010 7:04:00 AM
4-ethyltoluene	4.3	0.75		ug/m3	1	9/1/2010 7:04:00 AM
Acetone	18	12		ug/m3	16	9/2/2010 11:05:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 7:04:00 AM
Benzene	1.5	0.49		ug/m3	1	9/1/2010 7:04:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 7:04:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:04:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 7:04:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 7:04:00 AM
Carbon disulfide	0.51	0.47		ug/m3	1	9/1/2010 7:04:00 AM
Carbon tetrachloride	0.32	0.96	J	ug/m3	1	9/1/2010 7:04:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 7:04:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 7:04:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 7:04:00 AM
Chloromethane	0.25	0.31	J	ug/m3	1	9/1/2010 7:04:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:04:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:04:00 AM
Cyclohexane	0.42	0.52	J	ug/m3	1	9/1/2010 7:04:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 7:04:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 7:04:00 AM
Ethylbenzene	7.4	0.66		ug/m3	1	9/1/2010 7:04:00 AM
Freon 11	0.97	0.86		ug/m3	1	9/1/2010 7:04:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-SS-05D
Lab Order:	C1008073	**Tag Number:**	545,147
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **LL**
Freon 113	56	19		ug/m3	16	9/2/2010 11:05:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 7:04:00 AM
Freon 12	1.5	0.75		ug/m3	1	9/1/2010 7:04:00 AM
Heptane	0.87	0.62		ug/m3	1	9/1/2010 7:04:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 7:04:00 AM
Hexane	2.2	0.54		ug/m3	1	9/1/2010 7:04:00 AM
Isopropyl alcohol	23	6.0		ug/m3	16	9/2/2010 11:05:00 AM
m&p-Xylene	11	21	J	ug/m3	16	9/2/2010 11:05:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 7:04:00 AM
Methyl Ethyl Ketone	2.5	0.90		ug/m3	1	9/1/2010 7:04:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 7:04:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 7:04:00 AM
Methylene chloride	0.78	0.53		ug/m3	1	9/1/2010 7:04:00 AM
o-Xylene	6.6	0.66		ug/m3	1	9/1/2010 7:04:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 7:04:00 AM
Styrene	1.4	0.65		ug/m3	1	9/1/2010 7:04:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 7:04:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 7:04:00 AM
Toluene	10	9.2		ug/m3	16	9/2/2010 11:05:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:04:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:04:00 AM
Trichloroethene	1.5	0.82		ug/m3	1	9/1/2010 7:04:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 7:04:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 7:04:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 7:04:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-IA-05N
Lab Order:	C1008073	**Tag Number:**	348,58
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010
1,2,4-Trimethylbenzene	0.38	0.15		ppbV	1	8/30/2010
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010
1,3,5-Trimethylbenzene	0.21	0.15		ppbV	1	8/30/2010
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010
2,2,4-trimethylpentane	0.12	0.15	J	ppbV	1	8/30/2010
4-ethyltoluene	< 0.15	0.15		ppbV	1	8/30/2010
Acetone	8.4	0.30	E	ppbV	1	8/30/2010
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010
Benzene	0.14	0.15	J	ppbV	1	8/30/2010
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010
Carbon disulfide	0.20	0.15		ppbV	1	8/30/2010
Carbon tetrachloride	0.050	0.040		ppbV	1	8/30/2010
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010
Cyclohexane	0.10	0.15	J	ppbV	1	8/30/2010
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-IA-05N
Lab Order:	C1008073	**Tag Number:**	348,58
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/30/2010
Ethylbenzene	0.12	0.15	J	ppbV	1	8/30/2010
Freon 11	0.32	0.15		ppbV	1	8/30/2010
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010
Heptane	< 0.15	0.15		ppbV	1	8/30/2010
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010
Hexane	0.41	0.15		ppbV	1	8/30/2010
Isopropyl alcohol	23	0.15	E	ppbV	1	8/30/2010
m&p-Xylene	0.36	0.30		ppbV	1	8/30/2010
Methyl Butyl Ketone	0.15	0.30	J	ppbV	1	8/30/2010
Methyl Ethyl Ketone	0.82	0.30		ppbV	1	8/30/2010
Methyl Isobutyl Ketone	0.23	0.30	J	ppbV	1	8/30/2010
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010
Methylene chloride	0.22	0.15		ppbV	1	8/30/2010
o-Xylene	0.16	0.15		ppbV	1	8/30/2010
Propylene	< 0.15	0.15		ppbV	1	8/30/2010
Styrene	< 0.15	0.15		ppbV	1	8/30/2010
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010
Toluene	1.0	0.15		ppbV	1	8/30/2010
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010
Trichloroethene	0.20	0.040		ppbV	1	8/30/2010
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010
Surr: Bromofluorobenzene	106	70-130		%REC	1	8/30/2010

NOTES:

E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-IA-05N
Lab Order:	C1008073	**Tag Number:**	348,58
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010
1,2,4-Trimethylbenzene	1.9	0.75		ug/m3	1	8/30/2010
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	8/30/2010
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010
2,2,4-trimethylpentane	0.57	0.71	J	ug/m3	1	8/30/2010
4-ethyltoluene	< 0.75	0.75		ug/m3	1	8/30/2010
Acetone	20	0.72	E	ug/m3	1	8/30/2010
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010
Benzene	0.45	0.49	J	ug/m3	1	8/30/2010
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010
Carbon disulfide	0.63	0.47		ug/m3	1	8/30/2010
Carbon tetrachloride	0.32	0.26		ug/m3	1	8/30/2010
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010
Cyclohexane	0.35	0.52	J	ug/m3	1	8/30/2010
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/30/2010
Ethylbenzene	0.53	0.66	J	ug/m3	1	8/30/2010
Freon 11	1.8	0.86		ug/m3	1	8/30/2010

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *09-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO02-IA-05N
Lab Order:	C1008073	**Tag Number:**	348,58
Project:	AFP 59 60160780.08	**Collection Date:**	8/28/2010
Lab ID:	C1008073-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **LL**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010
Heptane	< 0.62	0.62		ug/m3	1	8/30/2010
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010
Hexane	1.5	0.54		ug/m3	1	8/30/2010
Isopropyl alcohol	58	0.37	E	ug/m3	1	8/30/2010
m&p-Xylene	1.6	1.3		ug/m3	1	8/30/2010
Methyl Butyl Ketone	0.62	1.2	J	ug/m3	1	8/30/2010
Methyl Ethyl Ketone	2.5	0.90		ug/m3	1	8/30/2010
Methyl Isobutyl Ketone	0.96	1.2	J	ug/m3	1	8/30/2010
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010
Methylene chloride	0.78	0.53		ug/m3	1	8/30/2010
o-Xylene	0.71	0.66		ug/m3	1	8/30/2010
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010
Styrene	< 0.65	0.65		ug/m3	1	8/30/2010
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010
Toluene	3.9	0.57		ug/m3	1	8/30/2010
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010
Trichloroethene	1.1	0.22		ug/m3	1	8/30/2010
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

PAGE 1 OF 2

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-3
Address	**Point of Contact / Phone No.**		**Comments:**
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	Other Sample Information		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	Detection Limit
SL025	SL025-SS-05N	8/27/10	2029/1602	Air	465	4516	✓	___ 5ppbv
SL025	SL025-IA-05N	8/27/10	2030/1602	Air	163	178	✓	___ 1ug/M3
SL006	SL006-SS-05N	8/27/10	2036/1812	Air	162	380	✓	X 1ug/M3+TCE .25
SL006	SL006-IA-05N	8/27/10	2037/1812	Air	347	41	✓	
SL010	SL010-SS-05N	8/27/10	2047/1818	Air	205	172	✓	Report Level
SL010	SL010-IA-05N	8/27/10	2048/1818	Air	275	81	✓	___ Level 1
SL009	SL009-SS-05N	8/27/10	2102/1821	Air	129	260	✓	___ Level II
SL009	SL009-IA-05N	8/27/10	2103/1821	Air	274	51	✓	X Cat"B" Like
SL105	SL105-IA-05N	8/27/10	2106/1828	AIR	225	304	✓	
SL105	SL105-SS-05N	8/27/10	2105/1828	AIR	354	78	✓	
SL118	SL118-IA-05N	8/27/10	2114/1836	AIR	207	448	✓	
SL118	SL118-SS-05N	8/27/10	2114/1836	AIR	221	267	✓	
SL00A	SL00A-OA-05N-1	8/29/10	1712/1515	AIR	157	174	✓	

C1008069

	Date	Time		Date	Time
1. Relinquished By / Company: AECOM	8/29/10	1600	1. Received By/Company: ACC	8/29/10	
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Centek laboratories, LLC

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Laboratory: Centek Laboratories
Address: 143 Midler Park Drive
City: Syracuse | State: NY | Zip Code: 13206

Project Name: AFP 59 Vapor Intrusion Study
Point of Contact / Phone No.: Devon Chicoine (703) 706-0544
Site Contact / Phone No.: Drew Foley (734) 748-2883

Analysis: VOCs (TO-15)

Chain of Custody No.: AFP59-3

Comments:

ERPIMS Information | Other Sample Information

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)
SL00B	SL00B-0A-05N-1	8/29/10	1717/1520	AIR	352	390	✓
SL00C	SL00C-0A-05N-1	8/29/10	1726/1510	AIR	472	297	✓

Detection Limit
___ 5ppbv
___ 1ug/M3
_X_ 1ug/M3+TCE .25

Report Level
___ Level 1
___ Level II
_X_ Cat"B" Like

C1008069

		Date	Time		Date	Time
1. Relinquished By / Company	AECOM	8/29/10	1600	1. Received By/Company		
2. Relinquished By / Company		Date	Time	2. Received By/Company	8/29/10	
3. Relinquished By / Company		Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company		Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company		Date	Time	5. Received By/Company	Date	Time

Comments

Centek laboratories, LLC

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL025-SS-05N
Lab Order:	C1008069	**Tag Number:**	465,456
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	9.3	0.83		ug/m3	1	9/1/2010 3:30:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 3:30:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 3:30:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 3:30:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:30:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 3:30:00 AM
1,2,4-Trimethylbenzene	5.5	0.75		ug/m3	1	9/1/2010 3:30:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 3:30:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:30:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 3:30:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 3:30:00 AM
1,3,5-Trimethylbenzene	1.5	0.75		ug/m3	1	9/1/2010 3:30:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 3:30:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:30:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 3:30:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 3:30:00 AM
2,2,4-trimethylpentane	0.85	0.71		ug/m3	1	9/1/2010 3:30:00 AM
4-ethyltoluene	0.85	0.75		ug/m3	1	9/1/2010 3:30:00 AM
Acetone	34	3.6	E	ug/m3	5	9/2/2010 2:43:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 3:30:00 AM
Benzene	0.52	0.49		ug/m3	1	9/1/2010 3:30:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 3:30:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 3:30:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 3:30:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 3:30:00 AM
Carbon disulfide	0.70	0.47		ug/m3	1	9/1/2010 3:30:00 AM
Carbon tetrachloride	5.5	0.96		ug/m3	1	9/1/2010 3:30:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 3:30:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 3:30:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 3:30:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 3:30:00 AM
cis-1,2-Dichloroethene	3.5	0.60		ug/m3	1	9/1/2010 3:30:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 3:30:00 AM
Cyclohexane	2.1	0.52		ug/m3	1	9/1/2010 3:30:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 3:30:00 AM
Ethyl acetate	1.5	0.92		ug/m3	1	9/1/2010 3:30:00 AM
Ethylbenzene	1.5	0.66		ug/m3	1	9/1/2010 3:30:00 AM
Freon 11	2.9	0.86		ug/m3	1	9/1/2010 3:30:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL025-SS-05N
Lab Order:	C1008069	**Tag Number:**	465,456
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	16	1.2		ug/m3	1	9/1/2010 3:30:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 3:30:00 AM
Freon 12	4.1	0.75		ug/m3	1	9/1/2010 3:30:00 AM
Heptane	1.1	0.62		ug/m3	1	9/1/2010 3:30:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 3:30:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 3:30:00 AM
Isopropyl alcohol	110	1.9	E	ug/m3	5	9/2/2010 2:43:00 AM
m&p-Xylene	5.7	1.3		ug/m3	1	9/1/2010 3:30:00 AM
Methyl Butyl Ketone	0.50	1.2	J	ug/m3	1	9/1/2010 3:30:00 AM
Methyl Ethyl Ketone	3.8	0.90		ug/m3	1	9/1/2010 3:30:00 AM
Methyl Isobutyl Ketone	1.8	1.2		ug/m3	1	9/1/2010 3:30:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 3:30:00 AM
Methylene chloride	1.4	0.53		ug/m3	1	9/1/2010 3:30:00 AM
o-Xylene	1.9	0.66		ug/m3	1	9/1/2010 3:30:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 3:30:00 AM
Styrene	0.91	0.65		ug/m3	1	9/1/2010 3:30:00 AM
Tetrachloroethylene	1.8	1.0		ug/m3	1	9/1/2010 3:30:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 3:30:00 AM
Toluene	14	2.9		ug/m3	5	9/2/2010 2:43:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 3:30:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 3:30:00 AM
Trichloroethene	9.9	0.82		ug/m3	1	9/1/2010 3:30:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 3:30:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 3:30:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 3:30:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL025-SS-05N
Lab Order:	C1008069	**Tag Number:**	465,456
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	1.7	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,2,4-Trimethylbenzene	1.1	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,3,5-Trimethylbenzene	0.31	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 3:30:00 AM
2,2,4-trimethylpentane	0.18	0.15		ppbV	1	9/1/2010 3:30:00 AM
4-ethyltoluene	0.17	0.15		ppbV	1	9/1/2010 3:30:00 AM
Acetone	14	1.5	E	ppbV	5	9/2/2010 2:43:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Benzene	0.16	0.15		ppbV	1	9/1/2010 3:30:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Carbon disulfide	0.22	0.15		ppbV	1	9/1/2010 3:30:00 AM
Carbon tetrachloride	0.86	0.15		ppbV	1	9/1/2010 3:30:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
cis-1,2-Dichloroethene	0.88	0.15		ppbV	1	9/1/2010 3:30:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Cyclohexane	0.61	0.15		ppbV	1	9/1/2010 3:30:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL025-SS-05N
Lab Order:	C1008069	**Tag Number:**	465,456
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.41	0.25		ppbV	1	9/1/2010 3:30:00 AM
Ethylbenzene	0.35	0.15		ppbV	1	9/1/2010 3:30:00 AM
Freon 11	0.50	0.15		ppbV	1	9/1/2010 3:30:00 AM
Freon 113	2.0	0.15		ppbV	1	9/1/2010 3:30:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Freon 12	0.81	0.15		ppbV	1	9/1/2010 3:30:00 AM
Heptane	0.27	0.15		ppbV	1	9/1/2010 3:30:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Isopropyl alcohol	44	0.75	E	ppbV	5	9/2/2010 2:43:00 AM
m&p-Xylene	1.3	0.30		ppbV	1	9/1/2010 3:30:00 AM
Methyl Butyl Ketone	0.12	0.30	J	ppbV	1	9/1/2010 3:30:00 AM
Methyl Ethyl Ketone	1.3	0.30		ppbV	1	9/1/2010 3:30:00 AM
Methyl Isobutyl Ketone	0.43	0.30		ppbV	1	9/1/2010 3:30:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Methylene chloride	0.39	0.15		ppbV	1	9/1/2010 3:30:00 AM
o-Xylene	0.43	0.15		ppbV	1	9/1/2010 3:30:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Styrene	0.21	0.15		ppbV	1	9/1/2010 3:30:00 AM
Tetrachloroethylene	0.26	0.15		ppbV	1	9/1/2010 3:30:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Toluene	3.6	0.75		ppbV	5	9/2/2010 2:43:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Trichloroethene	1.8	0.15		ppbV	1	9/1/2010 3:30:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 3:30:00 AM
Surr: Bromofluorobenzene	102	70-130		%REC	1	9/1/2010 3:30:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL025-IA-05N
Lab Order:	C1008069	**Tag Number:**	163,178
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 5:16:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 5:16:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 5:16:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 5:16:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:16:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 5:16:00 AM
1,2,4-Trimethylbenzene	10	3.7		ug/m3	5	8/31/2010 9:30:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 5:16:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:16:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 5:16:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 5:16:00 AM
1,3,5-Trimethylbenzene	2.6	0.75		ug/m3	1	8/31/2010 5:16:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 5:16:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:16:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:16:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 5:16:00 AM
2,2,4-trimethylpentane	1.8	0.71		ug/m3	1	8/31/2010 5:16:00 AM
4-ethyltoluene	1.9	0.75		ug/m3	1	8/31/2010 5:16:00 AM
Acetone	69	3.6	E	ug/m3	5	8/31/2010 9:30:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 5:16:00 AM
Benzene	1.1	0.49		ug/m3	1	8/31/2010 5:16:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 5:16:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 5:16:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 5:16:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 5:16:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 5:16:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 5:16:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 5:16:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 5:16:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 5:16:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 5:16:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:16:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 5:16:00 AM
Cyclohexane	4.3	0.52		ug/m3	1	8/31/2010 5:16:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 5:16:00 AM
Ethyl acetate	3.7	0.92		ug/m3	1	8/31/2010 5:16:00 AM
Ethylbenzene	3.6	0.66		ug/m3	1	8/31/2010 5:16:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 5:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL025-IA-05N
Lab Order:	C1008069	**Tag Number:**	163,178
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 5:16:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 5:16:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 5:16:00 AM
Heptane	3.6	0.62		ug/m3	1	8/31/2010 5:16:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 5:16:00 AM
Hexane	5.7	0.54		ug/m3	1	8/31/2010 5:16:00 AM
Isopropyl alcohol	190	1.9	E	ug/m3	5	8/31/2010 9:30:00 PM
m&p-Xylene	12	1.3		ug/m3	1	8/31/2010 5:16:00 AM
Methyl Butyl Ketone	0.58	1.2	J	ug/m3	1	8/31/2010 5:16:00 AM
Methyl Ethyl Ketone	12	4.5		ug/m3	5	8/31/2010 9:30:00 PM
Methyl Isobutyl Ketone	2.6	1.2		ug/m3	1	8/31/2010 5:16:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 5:16:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 5:16:00 AM
o-Xylene	4.0	0.66		ug/m3	1	8/31/2010 5:16:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 5:16:00 AM
Styrene	1.8	0.65		ug/m3	1	8/31/2010 5:16:00 AM
Tetrachloroethylene	1.0	1.0		ug/m3	1	8/31/2010 5:16:00 AM
Tetrahydrofuran	3.7	0.45		ug/m3	1	8/31/2010 5:16:00 AM
Toluene	35	2.9		ug/m3	5	8/31/2010 9:30:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:16:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 5:16:00 AM
Trichloroethene	1.3	0.22		ug/m3	1	8/31/2010 5:16:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 5:16:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 5:16:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 5:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL025-IA-05N
Lab Order:	C1008069	**Tag Number:**	163,178
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,2,4-Trimethylbenzene	2.1	0.75		ppbV	5	8/31/2010 9:30:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,3,5-Trimethylbenzene	0.52	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 5:16:00 AM
2,2,4-trimethylpentane	0.38	0.15		ppbV	1	8/31/2010 5:16:00 AM
4-ethyltoluene	0.39	0.15		ppbV	1	8/31/2010 5:16:00 AM
Acetone	28	1.5	E	ppbV	5	8/31/2010 9:30:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Benzene	0.33	0.15		ppbV	1	8/31/2010 5:16:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 5:16:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Cyclohexane	1.2	0.15		ppbV	1	8/31/2010 5:16:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL025-IA-05N
Lab Order:	C1008069	**Tag Number:**	163,178
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.0	0.25		ppbV	1	8/31/2010 5:16:00 AM
Ethylbenzene	0.82	0.15		ppbV	1	8/31/2010 5:16:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Heptane	0.87	0.15		ppbV	1	8/31/2010 5:16:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Hexane	1.6	0.15		ppbV	1	8/31/2010 5:16:00 AM
Isopropyl alcohol	74	0.75	E	ppbV	5	8/31/2010 9:30:00 PM
m&p-Xylene	2.6	0.30		ppbV	1	8/31/2010 5:16:00 AM
Methyl Butyl Ketone	0.14	0.30	J	ppbV	1	8/31/2010 5:16:00 AM
Methyl Ethyl Ketone	4.2	1.5		ppbV	5	8/31/2010 9:30:00 PM
Methyl Isobutyl Ketone	0.62	0.30		ppbV	1	8/31/2010 5:16:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
o-Xylene	0.91	0.15		ppbV	1	8/31/2010 5:16:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Styrene	0.41	0.15		ppbV	1	8/31/2010 5:16:00 AM
Tetrachloroethylene	0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Tetrahydrofuran	1.2	0.15		ppbV	1	8/31/2010 5:16:00 AM
Toluene	9.1	0.75		ppbV	5	8/31/2010 9:30:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Trichloroethene	0.24	0.040		ppbV	1	8/31/2010 5:16:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 5:16:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 5:16:00 AM
Surr: Bromofluorobenzene	111	70-130		%REC	1	8/31/2010 5:16:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL006-SS-05N
Lab Order:	C1008069	**Tag Number:**	162,380
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	57	8.3		ug/m3	10	9/2/2010 3:17:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:09:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 4:09:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 4:09:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:09:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 4:09:00 AM
1,2,4-Trimethylbenzene	6.4	0.75		ug/m3	1	9/1/2010 4:09:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 4:09:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:09:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 4:09:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 4:09:00 AM
1,3,5-Trimethylbenzene	2.0	0.75		ug/m3	1	9/1/2010 4:09:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 4:09:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:09:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:09:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 4:09:00 AM
2,2,4-trimethylpentane	3.8	0.71		ug/m3	1	9/1/2010 4:09:00 AM
4-ethyltoluene	0.95	0.75		ug/m3	1	9/1/2010 4:09:00 AM
Acetone	43	7.2		ug/m3	10	9/2/2010 3:17:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 4:09:00 AM
Benzene	0.71	0.49		ug/m3	1	9/1/2010 4:09:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 4:09:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:09:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 4:09:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 4:09:00 AM
Carbon disulfide	0.41	0.47	J	ug/m3	1	9/1/2010 4:09:00 AM
Carbon tetrachloride	24	9.6		ug/m3	10	9/2/2010 3:17:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 4:09:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 4:09:00 AM
Chloroform	1.1	0.74		ug/m3	1	9/1/2010 4:09:00 AM
Chloromethane	0.46	0.31		ug/m3	1	9/1/2010 4:09:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:09:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:09:00 AM
Cyclohexane	5.1	0.52		ug/m3	1	9/1/2010 4:09:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 4:09:00 AM
Ethyl acetate	4.9	0.92		ug/m3	1	9/1/2010 4:09:00 AM
Ethylbenzene	4.7	0.66		ug/m3	1	9/1/2010 4:09:00 AM
Freon 11	2.2	0.86		ug/m3	1	9/1/2010 4:09:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL006-SS-05N
Lab Order:	C1008069	**Tag Number:**	162,380
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	91	12		ug/m3	10	9/2/2010 3:17:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 4:09:00 AM
Freon 12	3.2	0.75		ug/m3	1	9/1/2010 4:09:00 AM
Heptane	1.4	0.62		ug/m3	1	9/1/2010 4:09:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 4:09:00 AM
Hexane	4.8	0.54		ug/m3	1	9/1/2010 4:09:00 AM
Isopropyl alcohol	140	3.7	E	ug/m3	10	9/2/2010 3:17:00 AM
m&p-Xylene	17	13		ug/m3	10	9/2/2010 3:17:00 AM
Methyl Butyl Ketone	0.75	1.2	J	ug/m3	1	9/1/2010 4:09:00 AM
Methyl Ethyl Ketone	13	9.0		ug/m3	10	9/2/2010 3:17:00 AM
Methyl Isobutyl Ketone	3.0	1.2		ug/m3	1	9/1/2010 4:09:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 4:09:00 AM
Methylene chloride	0.67	0.53		ug/m3	1	9/1/2010 4:09:00 AM
o-Xylene	7.0	0.66		ug/m3	1	9/1/2010 4:09:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 4:09:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 4:09:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 4:09:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 4:09:00 AM
Toluene	49	5.7		ug/m3	10	9/2/2010 3:17:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:09:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:09:00 AM
Trichloroethene	130	8.2		ug/m3	10	9/2/2010 3:17:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 4:09:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 4:09:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 4:09:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL006-SS-05N
Lab Order:	C1008069	**Tag Number:**	162,380
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	10	1.5		ppbV	10	9/2/2010 3:17:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,2,4-Trimethylbenzene	1.3	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,3,5-Trimethylbenzene	0.40	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 4:09:00 AM
2,2,4-trimethylpentane	0.79	0.15		ppbV	1	9/1/2010 4:09:00 AM
4-ethyltoluene	0.19	0.15		ppbV	1	9/1/2010 4:09:00 AM
Acetone	18	3.0		ppbV	10	9/2/2010 3:17:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Benzene	0.22	0.15		ppbV	1	9/1/2010 4:09:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Carbon disulfide	0.13	0.15	J	ppbV	1	9/1/2010 4:09:00 AM
Carbon tetrachloride	3.7	1.5		ppbV	10	9/2/2010 3:17:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Chloroform	0.23	0.15		ppbV	1	9/1/2010 4:09:00 AM
Chloromethane	0.22	0.15		ppbV	1	9/1/2010 4:09:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Cyclohexane	1.5	0.15		ppbV	1	9/1/2010 4:09:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL006-SS-05N
Lab Order:	C1008069	**Tag Number:**	162,380
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.3	0.25		ppbV	1	9/1/2010 4:09:00 AM
Ethylbenzene	1.1	0.15		ppbV	1	9/1/2010 4:09:00 AM
Freon 11	0.39	0.15		ppbV	1	9/1/2010 4:09:00 AM
Freon 113	12	1.5		ppbV	10	9/2/2010 3:17:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Freon 12	0.64	0.15		ppbV	1	9/1/2010 4:09:00 AM
Heptane	0.33	0.15		ppbV	1	9/1/2010 4:09:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Hexane	1.3	0.15		ppbV	1	9/1/2010 4:09:00 AM
Isopropyl alcohol	54	1.5	E	ppbV	10	9/2/2010 3:17:00 AM
m&p-Xylene	3.8	3.0		ppbV	10	9/2/2010 3:17:00 AM
Methyl Butyl Ketone	0.18	0.30	J	ppbV	1	9/1/2010 4:09:00 AM
Methyl Ethyl Ketone	4.2	3.0		ppbV	10	9/2/2010 3:17:00 AM
Methyl Isobutyl Ketone	0.71	0.30		ppbV	1	9/1/2010 4:09:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Methylene chloride	0.19	0.15		ppbV	1	9/1/2010 4:09:00 AM
o-Xylene	1.6	0.15		ppbV	1	9/1/2010 4:09:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Toluene	13	1.5		ppbV	10	9/2/2010 3:17:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Trichloroethene	23	1.5		ppbV	10	9/2/2010 3:17:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:09:00 AM
Surr: Bromofluorobenzene	108	70-130		%REC	1	9/1/2010 4:09:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL006-IA-05N
Lab Order:	C1008069	**Tag Number:**	347,41
Project:	AFP 59 60160780.08	**Collectiou Date:**	8/27/2010
Lab ID:	C1008069-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 5:55:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 5:55:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 5:55:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 5:55:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:55:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 5:55:00 AM
1,2,4-Trimethylbenzene	3.0	0.75		ug/m3	1	8/31/2010 5:55:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 5:55:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:55:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 5:55:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 5:55:00 AM
1,3,5-Trimethylbenzene	0.95	0.75		ug/m3	1	8/31/2010 5:55:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 5:55:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:55:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 5:55:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 5:55:00 AM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	8/31/2010 5:55:00 AM
4-ethyltoluene	0.70	0.75	J	ug/m3	1	8/31/2010 5:55:00 AM
Acetone	29	3.6	E	ug/m3	5	8/31/2010 10:06:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 5:55:00 AM
Benzene	0.71	0.49		ug/m3	1	8/31/2010 5:55:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 5:55:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 5:55:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 5:55:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 5:55:00 AM
Carbon disulfide	0.35	0.47	J	ug/m3	1	8/31/2010 5:55:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	8/31/2010 5:55:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 5:55:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 5:55:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 5:55:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 5:55:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:55:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 5:55:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 5:55:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 5:55:00 AM
Ethyl acetate	2.9	0.92		ug/m3	1	8/31/2010 5:55:00 AM
Ethylbenzene	4.2	0.66		ug/m3	1	8/31/2010 5:55:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 5:55:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL006-IA-05N
Lab Order:	C1008069	**Tag Number:**	347,41
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	1.2	1.2		ug/m3	1	8/31/2010 5:55:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 5:55:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 5:55:00 AM
Heptane	0.71	0.62		ug/m3	1	8/31/2010 5:55:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 5:55:00 AM
Hexane	< 0.54	0.54		ug/m3	1	8/31/2010 5:55:00 AM
Isopropyl alcohol	82	1.9	E	ug/m3	5	8/31/2010 10:06:00 PM
m&p-Xylene	17	1.3		ug/m3	1	8/31/2010 5:55:00 AM
Methyl Butyl Ketone	0.79	1.2	J	ug/m3	1	8/31/2010 5:55:00 AM
Methyl Ethyl Ketone	9.0	4.5		ug/m3	5	8/31/2010 10:06:00 PM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	8/31/2010 5:55:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 5:55:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 5:55:00 AM
o-Xylene	5.6	0.66		ug/m3	1	8/31/2010 5:55:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 5:55:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 5:55:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 5:55:00 AM
Tetrahydrofuran	4.3	0.45		ug/m3	1	8/31/2010 5:55:00 AM
Toluene	27	2.9		ug/m3	5	8/31/2010 10:06:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 5:55:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 5:55:00 AM
Trichloroethene	2.8	0.22		ug/m3	1	8/31/2010 5:55:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 5:55:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 5:55:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 5:55:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL006-IA-05N
Lab Order:	C1008069	**Tag Number:**	347,41
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,2,4-Trimethylbenzene	0.61	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,3,5-Trimethylbenzene	0.19	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 5:55:00 AM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
4-ethyltoluene	0.14	0.15	J	ppbV	1	8/31/2010 5:55:00 AM
Acetone	12	1.5	E	ppbV	5	8/31/2010 10:06:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Benzene	0.22	0.15		ppbV	1	8/31/2010 5:55:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Carbon disulfide	0.11	0.15	J	ppbV	1	8/31/2010 5:55:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	8/31/2010 5:55:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL006-IA-05N
Lab Order:	C1008069	**Tag Number:**	347,41
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.79	0.25		ppbV	1	8/31/2010 5:55:00 AM
Ethylbenzene	0.95	0.15		ppbV	1	8/31/2010 5:55:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Freon 113	0.16	0.15		ppbV	1	8/31/2010 5:55:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Heptane	0.17	0.15		ppbV	1	8/31/2010 5:55:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Hexane	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Isopropyl alcohol	33	0.75	E	ppbV	5	8/31/2010 10:06:00 PM
m&p-Xylene	3.9	0.30		ppbV	1	8/31/2010 5:55:00 AM
Methyl Butyl Ketone	0.19	0.30	J	ppbV	1	8/31/2010 5:55:00 AM
Methyl Ethyl Ketone	3.0	1.5		ppbV	5	8/31/2010 10:06:00 PM
Methyl Isobutyl Ketone	0.24	0.30	J	ppbV	1	8/31/2010 5:55:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
o-Xylene	1.3	0.15		ppbV	1	8/31/2010 5:55:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Tetrahydrofuran	1.4	0.15		ppbV	1	8/31/2010 5:55:00 AM
Toluene	7.1	0.75		ppbV	5	8/31/2010 10:06:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Trichloroethene	0.51	0.040		ppbV	1	8/31/2010 5:55:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 5:55:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 5:55:00 AM
Surr: Bromofluorobenzene	107	70-130		%REC	1	8/31/2010 5:55:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL010-SS-05N
Lab Order:	C1008069	**Tag Number:**	205,172
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	92	8.3		ug/m3	10	9/2/2010 3:51:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:48:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 4:48:00 AM
1,1-Dichloroethane	9.5	6.2		ug/m3	10	9/2/2010 3:51:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:48:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 4:48:00 AM
1,2,4-Trimethylbenzene	7.1	0.75		ug/m3	1	9/1/2010 4:48:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 4:48:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:48:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 4:48:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 4:48:00 AM
1,3,5-Trimethylbenzene	2.0	0.75		ug/m3	1	9/1/2010 4:48:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 4:48:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:48:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:48:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 4:48:00 AM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	9/1/2010 4:48:00 AM
4-ethyltoluene	1.4	0.75		ug/m3	1	9/1/2010 4:48:00 AM
Acetone	30	7.2		ug/m3	10	9/2/2010 3:51:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 4:48:00 AM
Benzene	0.71	0.49		ug/m3	1	9/1/2010 4:48:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 4:48:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:48:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 4:48:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 4:48:00 AM
Carbon disulfide	0.57	0.47		ug/m3	1	9/1/2010 4:48:00 AM
Carbon tetrachloride	8.7	0.96		ug/m3	1	9/1/2010 4:48:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 4:48:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 4:48:00 AM
Chloroform	3.6	0.74		ug/m3	1	9/1/2010 4:48:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 4:48:00 AM
cis-1,2-Dichloroethene	39	6.0		ug/m3	10	9/2/2010 3:51:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:48:00 AM
Cyclohexane	2.6	0.52		ug/m3	1	9/1/2010 4:48:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 4:48:00 AM
Ethyl acetate	3.9	0.92		ug/m3	1	9/1/2010 4:48:00 AM
Ethylbenzene	1.6	0.66		ug/m3	1	9/1/2010 4:48:00 AM
Freon 11	6.8	0.86		ug/m3	1	9/1/2010 4:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL010-SS-05N
Lab Order:	C1008069	**Tag Number:**	205,172
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	31	12		ug/m3	10	9/2/2010 3:51:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 4:48:00 AM
Freon 12	3.3	0.75		ug/m3	1	9/1/2010 4:48:00 AM
Heptane	1.0	0.62		ug/m3	1	9/1/2010 4:48:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 4:48:00 AM
Hexane	3.5	0.54		ug/m3	1	9/1/2010 4:48:00 AM
Isopropyl alcohol	110	15		ug/m3	40	9/2/2010 4:25:00 AM
m&p-Xylene	4.8	1.3		ug/m3	1	9/1/2010 4:48:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 4:48:00 AM
Methyl Ethyl Ketone	4.6	0.90		ug/m3	1	9/1/2010 4:48:00 AM
Methyl Isobutyl Ketone	1.9	1.2		ug/m3	1	9/1/2010 4:48:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 4:48:00 AM
Methylene chloride	1.6	0.53		ug/m3	1	9/1/2010 4:48:00 AM
o-Xylene	1.9	0.66		ug/m3	1	9/1/2010 4:48:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 4:48:00 AM
Styrene	1.2	0.65		ug/m3	1	9/1/2010 4:48:00 AM
Tetrachloroethylene	49	10		ug/m3	10	9/2/2010 3:51:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 4:48:00 AM
Toluene	10	5.7		ug/m3	10	9/2/2010 3:51:00 AM
trans-1,2-Dichloroethene	2.4	0.60		ug/m3	1	9/1/2010 4:48:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:48:00 AM
Trichloroethene	420	33		ug/m3	40	9/2/2010 4:25:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 4:48:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 4:48:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 4:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL010-SS-05N
Lab Order:	C1008069	**Tag Number:**	205,172
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-8			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	16	1.5		ppbV	10	9/2/2010 3:51:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,1-Dichloroethane	2.3	1.5		ppbV	10	9/2/2010 3:51:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,2,4-Trimethylbenzene	1.4	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,3,5-Trimethylbenzene	0.41	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 4:48:00 AM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	9/1/2010 4:48:00 AM
4-ethyltoluene	0.28	0.15		ppbV	1	9/1/2010 4:48:00 AM
Acetone	12	3.0		ppbV	10	9/2/2010 3:51:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Benzene	0.22	0.15		ppbV	1	9/1/2010 4:48:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Carbon disulfide	0.18	0.15		ppbV	1	9/1/2010 4:48:00 AM
Carbon tetrachloride	1.4	0.15		ppbV	1	9/1/2010 4:48:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Chloroform	0.73	0.15		ppbV	1	9/1/2010 4:48:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
cis-1,2-Dichloroethene	9.8	1.5		ppbV	10	9/2/2010 3:51:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Cyclohexane	0.75	0.15		ppbV	1	9/1/2010 4:48:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL010-SS-05N
Lab Order:	C1008069	**Tag Number:**	205,172
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.1	0.25		ppbV	1	9/1/2010 4:48:00 AM
Ethylbenzene	0.37	0.15		ppbV	1	9/1/2010 4:48:00 AM
Freon 11	1.2	0.15		ppbV	1	9/1/2010 4:48:00 AM
Freon 113	4.0	1.5		ppbV	10	9/2/2010 3:51:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Freon 12	0.66	0.15		ppbV	1	9/1/2010 4:48:00 AM
Heptane	0.25	0.15		ppbV	1	9/1/2010 4:48:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Hexane	0.99	0.15		ppbV	1	9/1/2010 4:48:00 AM
Isopropyl alcohol	43	6.0		ppbV	40	9/2/2010 4:25:00 AM
m&p-Xylene	1.1	0.30		ppbV	1	9/1/2010 4:48:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 4:48:00 AM
Methyl Ethyl Ketone	1.5	0.30		ppbV	1	9/1/2010 4:48:00 AM
Methyl Isobutyl Ketone	0.46	0.30		ppbV	1	9/1/2010 4:48:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Methylene chloride	0.45	0.15		ppbV	1	9/1/2010 4:48:00 AM
o-Xylene	0.42	0.15		ppbV	1	9/1/2010 4:48:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Styrene	0.27	0.15		ppbV	1	9/1/2010 4:48:00 AM
Tetrachloroethylene	7.1	1.5		ppbV	10	9/2/2010 3:51:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Toluene	2.7	1.5		ppbV	10	9/2/2010 3:51:00 AM
trans-1,2-Dichloroethene	0.60	0.15		ppbV	1	9/1/2010 4:48:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Trichloroethene	77	6.0		ppbV	40	9/2/2010 4:25:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:48:00 AM
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/1/2010 4:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL010-IA-05N
Lab Order:	C1008069	**Tag Number:**	275,81
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 6:34:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 6:34:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 6:34:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 6:34:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:34:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 6:34:00 AM
1,2,4-Trimethylbenzene	4.4	0.75		ug/m3	1	8/31/2010 6:34:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 6:34:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 6:34:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 6:34:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 6:34:00 AM
1,3,5-Trimethylbenzene	1.2	0.75		ug/m3	1	8/31/2010 6:34:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 6:34:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 6:34:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 6:34:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 6:34:00 AM
2,2,4-trimethylpentane	0.90	0.71		ug/m3	1	8/31/2010 6:34:00 AM
4-ethyltoluene	0.95	0.75		ug/m3	1	8/31/2010 6:34:00 AM
Acetone	30	3.6	E	ug/m3	5	8/31/2010 10:43:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 6:34:00 AM
Benzene	0.78	0.49		ug/m3	1	8/31/2010 6:34:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 6:34:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 6:34:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 6:34:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 6:34:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 6:34:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 6:34:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 6:34:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 6:34:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 6:34:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 6:34:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:34:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 6:34:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 6:34:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 6:34:00 AM
Ethyl acetate	4.0	0.92		ug/m3	1	8/31/2010 6:34:00 AM
Ethylbenzene	1.7	0.66		ug/m3	1	8/31/2010 6:34:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 6:34:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL010-IA-05N
Lab Order:	C1008069	**Tag Number:**	275,81
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 6:34:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 6:34:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 6:34:00 AM
Heptane	1.3	0.62		ug/m3	1	8/31/2010 6:34:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 6:34:00 AM
Hexane	5.2	0.54		ug/m3	1	8/31/2010 6:34:00 AM
Isopropyl alcohol	240	1.9	E	ug/m3	5	8/31/2010 10:43:00 PM
m&p-Xylene	4.9	1.3		ug/m3	1	8/31/2010 6:34:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 6:34:00 AM
Methyl Ethyl Ketone	6.7	0.90		ug/m3	1	8/31/2010 6:34:00 AM
Methyl Isobutyl Ketone	2.5	1.2		ug/m3	1	8/31/2010 6:34:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 6:34:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 6:34:00 AM
o-Xylene	1.7	0.66		ug/m3	1	8/31/2010 6:34:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 6:34:00 AM
Styrene	0.95	0.65		ug/m3	1	8/31/2010 6:34:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 6:34:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 6:34:00 AM
Toluene	22	2.9		ug/m3	5	8/31/2010 10:43:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 6:34:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 6:34:00 AM
Trichloroethene	1.5	0.22		ug/m3	1	8/31/2010 6:34:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 6:34:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 6:34:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 6:34:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL010-IA-05N
Lab Order:	C1008069	**Tag Number:**	275,81
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,2,4-Trimethylbenzene	0.88	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,3,5-Trimethylbenzene	0.25	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 6:34:00 AM
2,2,4-trimethylpentane	0.19	0.15		ppbV	1	8/31/2010 6:34:00 AM
4-ethyltoluene	0.19	0.15		ppbV	1	8/31/2010 6:34:00 AM
Acetone	13	1.5	E	ppbV	5	8/31/2010 10:43:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Benzene	0.24	0.15		ppbV	1	8/31/2010 6:34:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 6:34:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL010-IA-05N
Lab Order:	C1008069	**Tag Number:**	275,81
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.1	0.25		ppbV	1	8/31/2010 6:34:00 AM
Ethylbenzene	0.38	0.15		ppbV	1	8/31/2010 6:34:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Heptane	0.32	0.15		ppbV	1	8/31/2010 6:34:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Hexane	1.4	0.15		ppbV	1	8/31/2010 6:34:00 AM
Isopropyl alcohol	98	0.75	E	ppbV	5	8/31/2010 10:43:00 PM
m&p-Xylene	1.1	0.30		ppbV	1	8/31/2010 6:34:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 6:34:00 AM
Methyl Ethyl Ketone	2.2	0.30		ppbV	1	8/31/2010 6:34:00 AM
Methyl Isobutyl Ketone	0.59	0.30		ppbV	1	8/31/2010 6:34:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
o-Xylene	0.38	0.15		ppbV	1	8/31/2010 6:34:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Styrene	0.22	0.15		ppbV	1	8/31/2010 6:34:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Toluene	5.8	0.75		ppbV	5	8/31/2010 10:43:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Trichloroethene	0.27	0.040		ppbV	1	8/31/2010 6:34:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 6:34:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 6:34:00 AM
Surr: Bromofluorobenzene	108	70-130		%REC	1	8/31/2010 6:34:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL009-SS-05N
Lab Order:	C1008069	**Tag Number:**	129,266
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	510	33		ug/m3	40	9/2/2010 5:33:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 5:28:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 5:28:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 5:28:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:28:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 5:28:00 AM
1,2,4-Trimethylbenzene	4.7	0.75		ug/m3	1	9/1/2010 5:28:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 5:28:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:28:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 5:28:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 5:28:00 AM
1,3,5-Trimethylbenzene	1.2	0.75		ug/m3	1	9/1/2010 5:28:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 5:28:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:28:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:28:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 5:28:00 AM
2,2,4-trimethylpentane	1.2	0.71		ug/m3	1	9/1/2010 5:28:00 AM
4-ethyltoluene	0.70	0.75	J	ug/m3	1	9/1/2010 5:28:00 AM
Acetone	46	7.2		ug/m3	10	9/2/2010 4:58:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 5:28:00 AM
Benzene	0.81	0.49		ug/m3	1	9/1/2010 5:28:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 5:28:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 5:28:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 5:28:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 5:28:00 AM
Carbon disulfide	0.57	0.47		ug/m3	1	9/1/2010 5:28:00 AM
Carbon tetrachloride	290	38		ug/m3	40	9/2/2010 5:33:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 5:28:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 5:28:00 AM
Chloroform	4.0	0.74		ug/m3	1	9/1/2010 5:28:00 AM
Chloromethane	0.67	0.31		ug/m3	1	9/1/2010 5:28:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:28:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 5:28:00 AM
Cyclohexane	6.9	0.52		ug/m3	1	9/1/2010 5:28:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 5:28:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 5:28:00 AM
Ethylbenzene	2.5	0.66		ug/m3	1	9/1/2010 5:28:00 AM
Freon 11	41	8.6		ug/m3	10	9/2/2010 4:58:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL009-SS-05N
Lab Order:	C1008069	**Tag Number:**	129,266
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	890	47		ug/m3	40	9/2/2010 5:33:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 5:28:00 AM
Freon 12	3.9	0.75		ug/m3	1	9/1/2010 5:28:00 AM
Heptane	1.2	0.62		ug/m3	1	9/1/2010 5:28:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 5:28:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 5:28:00 AM
Isopropyl alcohol	220	15		ug/m3	40	9/2/2010 5:33:00 AM
m&p-Xylene	8.9	1.3		ug/m3	1	9/1/2010 5:28:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 5:28:00 AM
Methyl Ethyl Ketone	22	9.0		ug/m3	10	9/2/2010 4:58:00 AM
Methyl Isobutyl Ketone	3.1	1.2		ug/m3	1	9/1/2010 5:28:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 5:28:00 AM
Methylene chloride	0.74	0.53		ug/m3	1	9/1/2010 5:28:00 AM
o-Xylene	2.6	0.66		ug/m3	1	9/1/2010 5:28:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 5:28:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 5:28:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 5:28:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 5:28:00 AM
Toluene	82	5.7		ug/m3	10	9/2/2010 4:58:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:28:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 5:28:00 AM
Trichloroethene	190	33		ug/m3	40	9/2/2010 5:33:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 5:28:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 5:28:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 5:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL009-SS-05N
Lab Order:	C1008069	**Tag Number:**	129,266
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	93	6.0		ppbV	40	9/2/2010 5:33:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,2,4-Trimethylbenzene	0.94	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,3,5-Trimethylbenzene	0.25	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 5:28:00 AM
2,2,4-trimethylpentane	0.26	0.15		ppbV	1	9/1/2010 5:28:00 AM
4-ethyltoluene	0.14	0.15	J	ppbV	1	9/1/2010 5:28:00 AM
Acetone	19	3.0		ppbV	10	9/2/2010 4:58:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Benzene	0.25	0.15		ppbV	1	9/1/2010 5:28:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Carbon disulfide	0.18	0.15		ppbV	1	9/1/2010 5:28:00 AM
Carbon tetrachloride	45	6.0		ppbV	40	9/2/2010 5:33:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Chloroform	0.81	0.15		ppbV	1	9/1/2010 5:28:00 AM
Chloromethane	0.32	0.15		ppbV	1	9/1/2010 5:28:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Cyclohexane	2.0	0.15		ppbV	1	9/1/2010 5:28:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL009-SS-05N
Lab Order:	C1008069	**Tag Number:**	129,266
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 5:28:00 AM
Ethylbenzene	0.56	0.15		ppbV	1	9/1/2010 5:28:00 AM
Freon 11	7.1	1.5		ppbV	10	9/2/2010 4:58:00 AM
Freon 113	110	6.0		ppbV	40	9/2/2010 5:33:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Freon 12	0.77	0.15		ppbV	1	9/1/2010 5:28:00 AM
Heptane	0.29	0.15		ppbV	1	9/1/2010 5:28:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Isopropyl alcohol	89	6.0		ppbV	40	9/2/2010 5:33:00 AM
m&p-Xylene	2.0	0.30		ppbV	1	9/1/2010 5:28:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 5:28:00 AM
Methyl Ethyl Ketone	7.5	3.0		ppbV	10	9/2/2010 4:58:00 AM
Methyl Isobutyl Ketone	0.74	0.30		ppbV	1	9/1/2010 5:28:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Methylene chloride	0.21	0.15		ppbV	1	9/1/2010 5:28:00 AM
o-Xylene	0.58	0.15		ppbV	1	9/1/2010 5:28:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Toluene	21	1.5		ppbV	10	9/2/2010 4:58:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Trichloroethene	36	6.0		ppbV	40	9/2/2010 5:33:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:28:00 AM
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/1/2010 5:28:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL009-IA-05N
Lab Order:	C1008069	**Tag Number:**	274,51
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 7:12:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 7:12:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 7:12:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 7:12:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:12:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 7:12:00 AM
1,2,4-Trimethylbenzene	8.1	0.75		ug/m3	1	8/31/2010 7:12:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 7:12:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:12:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 7:12:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 7:12:00 AM
1,3,5-Trimethylbenzene	2.4	0.75		ug/m3	1	8/31/2010 7:12:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 7:12:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:12:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:12:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 7:12:00 AM
2,2,4-trimethylpentane	0.95	0.71		ug/m3	1	8/31/2010 7:12:00 AM
4-ethyltoluene	1.8	0.75		ug/m3	1	8/31/2010 7:12:00 AM
Acetone	64	7.2	E	ug/m3	10	8/31/2010 11:18:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 7:12:00 AM
Benzene	0.78	0.49		ug/m3	1	8/31/2010 7:12:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 7:12:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 7:12:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 7:12:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 7:12:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 7:12:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 7:12:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 7:12:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 7:12:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 7:12:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 7:12:00 AM
cis-1,2-Dichloroethene	1.6	0.60		ug/m3	1	8/31/2010 7:12:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 7:12:00 AM
Cyclohexane	4.6	0.52		ug/m3	1	8/31/2010 7:12:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 7:12:00 AM
Ethyl acetate	4.4	0.92		ug/m3	1	8/31/2010 7:12:00 AM
Ethylbenzene	2.7	0.66		ug/m3	1	8/31/2010 7:12:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 7:12:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL009-IA-05N
Lab Order:	C1008069	**Tag Number:**	274,51
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 7:12:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 7:12:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 7:12:00 AM
Heptane	1.3	0.62		ug/m3	1	8/31/2010 7:12:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 7:12:00 AM
Hexane	< 0.54	0.54		ug/m3	1	8/31/2010 7:12:00 AM
Isopropyl alcohol	210	3.7	E	ug/m3	10	8/31/2010 11:18:00 PM
m&p-Xylene	9.0	1.3		ug/m3	1	8/31/2010 7:12:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 7:12:00 AM
Methyl Ethyl Ketone	17	9.0		ug/m3	10	8/31/2010 11:18:00 PM
Methyl Isobutyl Ketone	2.6	1.2		ug/m3	1	8/31/2010 7:12:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 7:12:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 7:12:00 AM
o-Xylene	2.6	0.66		ug/m3	1	8/31/2010 7:12:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 7:12:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 7:12:00 AM
Tetrachloroethylene	1.1	1.0		ug/m3	1	8/31/2010 7:12:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 7:12:00 AM
Toluene	46	5.7		ug/m3	10	8/31/2010 11:18:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:12:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 7:12:00 AM
Trichloroethene	7.6	0.22		ug/m3	1	8/31/2010 7:12:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 7:12:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 7:12:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 7:12:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL009-IA-05N
Lab Order:	C1008069	**Tag Number:**	274,51
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,2,4-Trimethylbenzene	1.6	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,3,5-Trimethylbenzene	0.49	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 7:12:00 AM
2,2,4-trimethylpentane	0.20	0.15		ppbV	1	8/31/2010 7:12:00 AM
4-ethyltoluene	0.36	0.15		ppbV	1	8/31/2010 7:12:00 AM
Acetone	26	3.0	E	ppbV	10	8/31/2010 11:18:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Benzene	0.24	0.15		ppbV	1	8/31/2010 7:12:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 7:12:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
cis-1,2-Dichloroethene	0.39	0.15		ppbV	1	8/31/2010 7:12:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Cyclohexane	1.3	0.15		ppbV	1	8/31/2010 7:12:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL009-IA-05N
Lab Order:	C1008069	**Tag Number:**	274,51
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.2	0.25		ppbV	1	8/31/2010 7:12:00 AM
Ethylbenzene	0.61	0.15		ppbV	1	8/31/2010 7:12:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Heptane	0.31	0.15		ppbV	1	8/31/2010 7:12:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Hexane	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Isopropyl alcohol	85	1.5	E	ppbV	10	8/31/2010 11:18:00 PM
m&p-Xylene	2.0	0.30		ppbV	1	8/31/2010 7:12:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 7:12:00 AM
Methyl Ethyl Ketone	5.6	3.0		ppbV	10	8/31/2010 11:18:00 PM
Methyl Isobutyl Ketone	0.62	0.30		ppbV	1	8/31/2010 7:12:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
o-Xylene	0.59	0.15		ppbV	1	8/31/2010 7:12:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Tetrachloroethylene	0.16	0.15		ppbV	1	8/31/2010 7:12:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Toluene	12	1.5		ppbV	10	8/31/2010 11:18:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Trichloroethene	1.4	0.040		ppbV	1	8/31/2010 7:12:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 7:12:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 7:12:00 AM
Surr: Bromofluorobenzene	107	70-130		%REC	1	8/31/2010 7:12:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0105-IA-05N
Lab Order:	C1008069	**Tag Number:**	225,304
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.78	0.83	J	ug/m3	1	8/31/2010 7:48:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 7:48:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 7:48:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 7:48:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:48:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 7:48:00 AM
1,2,4-Trimethylbenzene	4.5	0.75		ug/m3	1	8/31/2010 7:48:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 7:48:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:48:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 7:48:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 7:48:00 AM
1,3,5-Trimethylbenzene	1.3	0.75		ug/m3	1	8/31/2010 7:48:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 7:48:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:48:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 7:48:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 7:48:00 AM
2,2,4-trimethylpentane	3.2	0.71		ug/m3	1	8/31/2010 7:48:00 AM
4-ethyltoluene	0.90	0.75		ug/m3	1	8/31/2010 7:48:00 AM
Acetone	52	29	E	ug/m3	40	8/31/2010 11:54:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 7:48:00 AM
Benzene	0.84	0.49		ug/m3	1	8/31/2010 7:48:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 7:48:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 7:48:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 7:48:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 7:48:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 7:48:00 AM
Carbon tetrachloride	< 0.26	0.26		ug/m3	1	8/31/2010 7:48:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 7:48:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 7:48:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 7:48:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 7:48:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:48:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 7:48:00 AM
Cyclohexane	3.9	0.52		ug/m3	1	8/31/2010 7:48:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 7:48:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 7:48:00 AM
Ethylbenzene	9.4	0.66		ug/m3	1	8/31/2010 7:48:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 7:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0105-IA-05N
Lab Order:	C1008069	**Tag Number:**	225,304
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 7:48:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 7:48:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 7:48:00 AM
Heptane	1.4	0.62		ug/m3	1	8/31/2010 7:48:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 7:48:00 AM
Hexane	< 0.54	0.54		ug/m3	1	8/31/2010 7:48:00 AM
Isopropyl alcohol	340	15	E	ug/m3	40	8/31/2010 11:54:00 PM
m&p-Xylene	26	53	J	ug/m3	40	8/31/2010 11:54:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 7:48:00 AM
Methyl Ethyl Ketone	84	36		ug/m3	40	8/31/2010 11:54:00 PM
Methyl Isobutyl Ketone	2.6	1.2		ug/m3	1	8/31/2010 7:48:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 7:48:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 7:48:00 AM
o-Xylene	6.9	0.66		ug/m3	1	8/31/2010 7:48:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 7:48:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 7:48:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 7:48:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 7:48:00 AM
Toluene	330	23		ug/m3	40	8/31/2010 11:54:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 7:48:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 7:48:00 AM
Trichloroethene	2.5	0.22		ug/m3	1	8/31/2010 7:48:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 7:48:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 7:48:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 7:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0105-IA-05N
Lab Order:	C1008069	**Tag Number:**	225,304
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	0.14	0.15	J	ppbV	1	8/31/2010 7:48:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,2,4-Trimethylbenzene	0.90	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,3,5-Trimethylbenzene	0.26	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 7:48:00 AM
2,2,4-trimethylpentane	0.68	0.15		ppbV	1	8/31/2010 7:48:00 AM
4-ethyltoluene	0.18	0.15		ppbV	1	8/31/2010 7:48:00 AM
Acetone	22	12	E	ppbV	40	8/31/2010 11:54:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Benzene	0.26	0.15		ppbV	1	8/31/2010 7:48:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Carbon tetrachloride	< 0.040	0.040		ppbV	1	8/31/2010 7:48:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Cyclohexane	1.1	0.15		ppbV	1	8/31/2010 7:48:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0105-IA-05N
Lab Order:	C1008069	**Tag Number:**	225,304
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 7:48:00 AM
Ethylbenzene	2.1	0.15		ppbV	1	8/31/2010 7:48:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Heptane	0.34	0.15		ppbV	1	8/31/2010 7:48:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Hexane	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Isopropyl alcohol	130	6.0	E	ppbV	40	8/31/2010 11:54:00 PM
m&p-Xylene	6.0	12	J	ppbV	40	8/31/2010 11:54:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 7:48:00 AM
Methyl Ethyl Ketone	28	12		ppbV	40	8/31/2010 11:54:00 PM
Methyl Isobutyl Ketone	0.63	0.30		ppbV	1	8/31/2010 7:48:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
o-Xylene	1.6	0.15		ppbV	1	8/31/2010 7:48:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Toluene	85	6.0		ppbV	40	8/31/2010 11:54:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Trichloroethene	0.45	0.040		ppbV	1	8/31/2010 7:48:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 7:48:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 7:48:00 AM
Surr: Bromofluorobenzene	111	70-130		%REC	1	8/31/2010 7:48:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0105-SS-05N
Lab Order:	C1008069	**Tag Number:**	354,78
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	110	8.3		ug/m3	10	9/2/2010 6:08:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 6:07:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 6:07:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 6:07:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 6:07:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 6:07:00 AM
1,2,4-Trimethylbenzene	4.5	0.75		ug/m3	1	9/1/2010 6:07:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 6:07:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:07:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 6:07:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 6:07:00 AM
1,3,5-Trimethylbenzene	1.3	0.75		ug/m3	1	9/1/2010 6:07:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 6:07:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:07:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:07:00 AM
1,4-Dioxane	0.62	1.1	J	ug/m3	1	9/1/2010 6:07:00 AM
2,2,4-trimethylpentane	3.1	0.71		ug/m3	1	9/1/2010 6:07:00 AM
4-ethyltoluene	0.90	0.75		ug/m3	1	9/1/2010 6:07:00 AM
Acetone	160	200	J	ug/m3	270	9/2/2010 9:57:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 6:07:00 AM
Benzene	0.88	0.49		ug/m3	1	9/1/2010 6:07:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 6:07:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 6:07:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 6:07:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 6:07:00 AM
Carbon disulfide	0.57	0.47		ug/m3	1	9/1/2010 6:07:00 AM
Carbon tetrachloride	6.8	0.96		ug/m3	1	9/1/2010 6:07:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 6:07:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 6:07:00 AM
Chloroform	0.55	0.74	J	ug/m3	1	9/1/2010 6:07:00 AM
Chloromethane	0.88	0.31		ug/m3	1	9/1/2010 6:07:00 AM
cis-1,2-Dichloroethene	0.69	0.60		ug/m3	1	9/1/2010 6:07:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 6:07:00 AM
Cyclohexane	4.0	0.52		ug/m3	1	9/1/2010 6:07:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 6:07:00 AM
Ethyl acetate	4.3	0.92		ug/m3	1	9/1/2010 6:07:00 AM
Ethylbenzene	18	6.6		ug/m3	10	9/2/2010 6:08:00 AM
Freon 11	2.2	0.86		ug/m3	1	9/1/2010 6:07:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0105-SS-05N
Lab Order:	C1008069	**Tag Number:**	354,78
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	71	12		ug/m3	10	9/2/2010 6:08:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 6:07:00 AM
Freon 12	3.6	0.75		ug/m3	1	9/1/2010 6:07:00 AM
Heptane	1.5	0.62		ug/m3	1	9/1/2010 6:07:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 6:07:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 6:07:00 AM
Isopropyl alcohol	380	100		ug/m3	270	9/2/2010 9:57:00 PM
m&p-Xylene	65	13		ug/m3	10	9/2/2010 6:08:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 6:07:00 AM
Methyl Ethyl Ketone	210	240	J	ug/m3	270	9/2/2010 9:57:00 PM
Methyl Isobutyl Ketone	4.2	1.2		ug/m3	1	9/1/2010 6:07:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 6:07:00 AM
Methylene chloride	2.6	0.53		ug/m3	1	9/1/2010 6:07:00 AM
o-Xylene	12	6.6		ug/m3	10	9/2/2010 6:08:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 6:07:00 AM
Styrene	1.5	0.65		ug/m3	1	9/1/2010 6:07:00 AM
Tetrachloroethylene	0.76	1.0	J	ug/m3	1	9/1/2010 6:07:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 6:07:00 AM
Toluene	860	150		ug/m3	270	9/2/2010 9:57:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 6:07:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 6:07:00 AM
Trichloroethene	33	8.2		ug/m3	10	9/2/2010 6:08:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 6:07:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 6:07:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 6:07:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0105-SS-05N
Lab Order:	C1008069	**Tag Number:**	354,78
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	20	1.5		ppbV	10	9/2/2010 6:08:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,2,4-Trimethylbenzene	0.90	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,3,5-Trimethylbenzene	0.26	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
1,4-Dioxane	0.17	0.30	J	ppbV	1	9/1/2010 6:07:00 AM
2,2,4-trimethylpentane	0.66	0.15		ppbV	1	9/1/2010 6:07:00 AM
4-ethyltoluene	0.18	0.15		ppbV	1	9/1/2010 6:07:00 AM
Acetone	68	81	J	ppbV	270	9/2/2010 9:57:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Benzene	0.27	0.15		ppbV	1	9/1/2010 6:07:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Carbon disulfide	0.18	0.15		ppbV	1	9/1/2010 6:07:00 AM
Carbon tetrachloride	1.1	0.15		ppbV	1	9/1/2010 6:07:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Chloroform	0.11	0.15	J	ppbV	1	9/1/2010 6:07:00 AM
Chloromethane	0.42	0.15		ppbV	1	9/1/2010 6:07:00 AM
cis-1,2-Dichloroethene	0.17	0.15		ppbV	1	9/1/2010 6:07:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Cyclohexane	1.1	0.15		ppbV	1	9/1/2010 6:07:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0105-SS-05N
Lab Order:	C1008069	**Tag Number:**	354,78
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.2	0.25		ppbV	1	9/1/2010 6:07:00 AM
Ethylbenzene	4.0	1.5		ppbV	10	9/2/2010 6:08:00 AM
Freon 11	0.39	0.15		ppbV	1	9/1/2010 6:07:00 AM
Freon 113	9.1	1.5		ppbV	10	9/2/2010 6:08:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Freon 12	0.71	0.15		ppbV	1	9/1/2010 6:07:00 AM
Heptane	0.37	0.15		ppbV	1	9/1/2010 6:07:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Isopropyl alcohol	150	40		ppbV	270	9/2/2010 9:57:00 PM
m&p-Xylene	15	3.0		ppbV	10	9/2/2010 6:08:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 6:07:00 AM
Methyl Ethyl Ketone	70	81	J	ppbV	270	9/2/2010 9:57:00 PM
Methyl Isobutyl Ketone	1.0	0.30		ppbV	1	9/1/2010 6:07:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Methylene chloride	0.75	0.15		ppbV	1	9/1/2010 6:07:00 AM
o-Xylene	2.8	1.5		ppbV	10	9/2/2010 6:08:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Styrene	0.34	0.15		ppbV	1	9/1/2010 6:07:00 AM
Tetrachloroethylene	0.11	0.15	J	ppbV	1	9/1/2010 6:07:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Toluene	220	40		ppbV	270	9/2/2010 9:57:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Trichloroethene	6.0	1.5		ppbV	10	9/2/2010 6:08:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:07:00 AM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	9/1/2010 6:07:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL118-IA-05N
Lab Order:	C1008069	**Tag Number:**	207,448
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.72	0.83	J	ug/m3	1	8/31/2010 8:23:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 8:23:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 8:23:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 8:23:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:23:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 8:23:00 AM
1,2,4-Trimethylbenzene	4.2	0.75		ug/m3	1	8/31/2010 8:23:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 8:23:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 8:23:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 8:23:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 8:23:00 AM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	8/31/2010 8:23:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 8:23:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 8:23:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 8:23:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 8:23:00 AM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	8/31/2010 8:23:00 AM
4-ethyltoluene	0.80	0.75		ug/m3	1	8/31/2010 8:23:00 AM
Acetone	37	3.6	E	ug/m3	5	9/1/2010 12:29:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 8:23:00 AM
Benzene	0.88	0.49		ug/m3	1	8/31/2010 8:23:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 8:23:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 8:23:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 8:23:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 8:23:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 8:23:00 AM
Carbon tetrachloride	0.64	0.26		ug/m3	1	8/31/2010 8:23:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 8:23:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 8:23:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 8:23:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 8:23:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:23:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 8:23:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 8:23:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 8:23:00 AM
Ethyl acetate	5.2	0.92		ug/m3	1	8/31/2010 8:23:00 AM
Ethylbenzene	1.2	0.66		ug/m3	1	8/31/2010 8:23:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 8:23:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL118-IA-05N
Lab Order:	C1008069	**Tag Number:**	207,448
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 8:23:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 8:23:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 8:23:00 AM
Heptane	1.4	0.62		ug/m3	1	8/31/2010 8:23:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 8:23:00 AM
Hexane	3.0	0.54		ug/m3	1	8/31/2010 8:23:00 AM
Isopropyl alcohol	180	1.9	E	ug/m3	5	9/1/2010 12:29:00 AM
m&p-Xylene	3.5	1.3		ug/m3	1	8/31/2010 8:23:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 8:23:00 AM
Methyl Ethyl Ketone	6.1	0.90		ug/m3	1	8/31/2010 8:23:00 AM
Methyl Isobutyl Ketone	1.7	1.2		ug/m3	1	8/31/2010 8:23:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 8:23:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 8:23:00 AM
o-Xylene	1.2	0.66		ug/m3	1	8/31/2010 8:23:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 8:23:00 AM
Styrene	0.74	0.65		ug/m3	1	8/31/2010 8:23:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 8:23:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 8:23:00 AM
Toluene	12	2.9		ug/m3	5	9/1/2010 12:29:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:23:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 8:23:00 AM
Trichloroethene	3.6	0.22		ug/m3	1	8/31/2010 8:23:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 8:23:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 8:23:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 8:23:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL118-IA-05N
Lab Order:	C1008069	**Tag Number:**	207,448
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-11			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	0.13	0.15	J	ppbV	1	8/31/2010 8:23:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,2,4-Trimethylbenzene	0.84	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,3,5-Trimethylbenzene	0.29	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 8:23:00 AM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
4-ethyltoluene	0.16	0.15		ppbV	1	8/31/2010 8:23:00 AM
Acetone	15	1.5	E	ppbV	5	9/1/2010 12:29:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Benzene	0.27	0.15		ppbV	1	8/31/2010 8:23:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Carbon tetrachloride	0.10	0.040		ppbV	1	8/31/2010 8:23:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL118-IA-05N
Lab Order:	C1008069	**Tag Number:**	207,448
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.4	0.25		ppbV	1	8/31/2010 8:23:00 AM
Ethylbenzene	0.27	0.15		ppbV	1	8/31/2010 8:23:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Heptane	0.33	0.15		ppbV	1	8/31/2010 8:23:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Hexane	0.83	0.15		ppbV	1	8/31/2010 8:23:00 AM
Isopropyl alcohol	74	0.75	E	ppbV	5	9/1/2010 12:29:00 AM
m&p-Xylene	0.80	0.30		ppbV	1	8/31/2010 8:23:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 8:23:00 AM
Methyl Ethyl Ketone	2.0	0.30		ppbV	1	8/31/2010 8:23:00 AM
Methyl Isobutyl Ketone	0.41	0.30		ppbV	1	8/31/2010 8:23:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
o-Xylene	0.28	0.15		ppbV	1	8/31/2010 8:23:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Styrene	0.17	0.15		ppbV	1	8/31/2010 8:23:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Toluene	3.1	0.75		ppbV	5	9/1/2010 12:29:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Trichloroethene	0.65	0.040		ppbV	1	8/31/2010 8:23:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 8:23:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 8:23:00 AM
Surr: Bromofluorobenzene	109	70-130		%REC	1	8/31/2010 8:23:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL118-SS-05N
Lab Order:	C1008069	**Tag Number:**	221,267
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	3400	220		ug/m3	270	9/2/2010 10:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 6:46:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 6:46:00 AM
1,1-Dichloroethane	8.7	0.62		ug/m3	1	9/1/2010 6:46:00 AM
1,1-Dichloroethene	22	6.0		ug/m3	10	9/2/2010 7:18:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 6:46:00 AM
1,2,4-Trimethylbenzene	5.3	0.75		ug/m3	1	9/1/2010 6:46:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 6:46:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:46:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 6:46:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 6:46:00 AM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	9/1/2010 6:46:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 6:46:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:46:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:46:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 6:46:00 AM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	9/1/2010 6:46:00 AM
4-ethyltoluene	0.80	0.75		ug/m3	1	9/1/2010 6:46:00 AM
Acetone	26	7.2		ug/m3	10	9/2/2010 7:18:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 6:46:00 AM
Benzene	1.3	0.49		ug/m3	1	9/1/2010 6:46:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 6:46:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 6:46:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 6:46:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 6:46:00 AM
Carbon disulfide	0.89	0.47		ug/m3	1	9/1/2010 6:46:00 AM
Carbon tetrachloride	27	9.6		ug/m3	10	9/2/2010 7:18:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 6:46:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 6:46:00 AM
Chloroform	21	7.4		ug/m3	10	9/2/2010 7:18:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 6:46:00 AM
cis-1,2-Dichloroethene	0.48	0.60	J	ug/m3	1	9/1/2010 6:46:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 6:46:00 AM
Cyclohexane	2.4	0.52		ug/m3	1	9/1/2010 6:46:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 6:46:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 6:46:00 AM
Ethylbenzene	1.6	0.66		ug/m3	1	9/1/2010 6:46:00 AM
Freon 11	2.6	0.86		ug/m3	1	9/1/2010 6:46:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL118-SS-05N
Lab Order:	C1008069	**Tag Number:**	221,267
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	150	12		ug/m3	10	9/2/2010 7:18:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 6:46:00 AM
Freon 12	4.6	0.75		ug/m3	1	9/1/2010 6:46:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 6:46:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 6:46:00 AM
Hexane	4.0	0.54		ug/m3	1	9/1/2010 6:46:00 AM
Isopropyl alcohol	140	100		ug/m3	270	9/2/2010 10:32:00 PM
m&p-Xylene	4.5	1.3		ug/m3	1	9/1/2010 6:46:00 AM
Methyl Butyl Ketone	1.1	1.2	J	ug/m3	1	9/1/2010 6:46:00 AM
Methyl Ethyl Ketone	4.6	0.90		ug/m3	1	9/1/2010 6:46:00 AM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	9/1/2010 6:46:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 6:46:00 AM
Methylene chloride	2.5	0.53		ug/m3	1	9/1/2010 6:46:00 AM
o-Xylene	1.6	0.66		ug/m3	1	9/1/2010 6:46:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 6:46:00 AM
Styrene	0.91	0.65		ug/m3	1	9/1/2010 6:46:00 AM
Tetrachloroethylene	8.7	1.0		ug/m3	1	9/1/2010 6:46:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 6:46:00 AM
Toluene	14	5.7		ug/m3	10	9/2/2010 7:18:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 6:46:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 6:46:00 AM
Trichloroethene	1400	220		ug/m3	270	9/2/2010 10:32:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 6:46:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 6:46:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 6:46:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL118-SS-05N
Lab Order:	C1008069	**Tag Number:**	221,267
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	610	40		ppbV	270	9/2/2010 10:32:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,1-Dichloroethane	2.1	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,1-Dichloroethene	5.5	1.5		ppbV	10	9/2/2010 7:18:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,2,4-Trimethylbenzene	1.1	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,3,5-Trimethylbenzene	0.29	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 6:46:00 AM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	9/1/2010 6:46:00 AM
4-ethyltoluene	0.16	0.15		ppbV	1	9/1/2010 6:46:00 AM
Acetone	11	3.0		ppbV	10	9/2/2010 7:18:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Benzene	0.39	0.15		ppbV	1	9/1/2010 6:46:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Carbon disulfide	0.28	0.15		ppbV	1	9/1/2010 6:46:00 AM
Carbon tetrachloride	4.3	1.5		ppbV	10	9/2/2010 7:18:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Chloroform	4.3	1.5		ppbV	10	9/2/2010 7:18:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
cis-1,2-Dichloroethene	0.12	0.15	J	ppbV	1	9/1/2010 6:46:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Cyclohexane	0.70	0.15		ppbV	1	9/1/2010 6:46:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL118-SS-05N
Lab Order:	C1008069	**Tag Number:**	221,267
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 6:46:00 AM
Ethylbenzene	0.37	0.15		ppbV	1	9/1/2010 6:46:00 AM
Freon 11	0.45	0.15		ppbV	1	9/1/2010 6:46:00 AM
Freon 113	19	1.5		ppbV	10	9/2/2010 7:18:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Freon 12	0.92	0.15		ppbV	1	9/1/2010 6:46:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Hexane	1.1	0.15		ppbV	1	9/1/2010 6:46:00 AM
Isopropyl alcohol	57	40		ppbV	270	9/2/2010 10:32:00 PM
m&p-Xylene	1.0	0.30		ppbV	1	9/1/2010 6:46:00 AM
Methyl Butyl Ketone	0.26	0.30	J	ppbV	1	9/1/2010 6:46:00 AM
Methyl Ethyl Ketone	1.5	0.30		ppbV	1	9/1/2010 6:46:00 AM
Methyl Isobutyl Ketone	0.47	0.30		ppbV	1	9/1/2010 6:46:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Methylene chloride	0.72	0.15		ppbV	1	9/1/2010 6:46:00 AM
o-Xylene	0.37	0.15		ppbV	1	9/1/2010 6:46:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Styrene	0.21	0.15		ppbV	1	9/1/2010 6:46:00 AM
Tetrachloroethylene	1.3	0.15		ppbV	1	9/1/2010 6:46:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Toluene	3.6	1.5		ppbV	10	9/2/2010 7:18:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Trichloroethene	250	40		ppbV	270	9/2/2010 10:32:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:46:00 AM
Surr: Bromofluorobenzene	102	70-130		%REC	1	9/1/2010 6:46:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00A-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	157,174
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 8:58:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 8:58:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 8:58:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 8:58:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:58:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 8:58:00 AM
1,2,4-Trimethylbenzene	11	0.75		ug/m3	1	8/31/2010 8:58:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 8:58:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 8:58:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 8:58:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 8:58:00 AM
1,3,5-Trimethylbenzene	2.6	0.75		ug/m3	1	8/31/2010 8:58:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 8:58:00 AM
1,3-Dichlorobenzene	3.4	0.92		ug/m3	1	8/31/2010 8:58:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 8:58:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 8:58:00 AM
2,2,4-trimethylpentane	1.9	0.71		ug/m3	1	8/31/2010 8:58:00 AM
4-ethyltoluene	1.9	0.75		ug/m3	1	8/31/2010 8:58:00 AM
Acetone	70	3.6	E	ug/m3	5	9/1/2010 1:05:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 8:58:00 AM
Benzene	1.1	0.49		ug/m3	1	8/31/2010 8:58:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 8:58:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 8:58:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 8:58:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 8:58:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 8:58:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 8:58:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 8:58:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 8:58:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 8:58:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 8:58:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:58:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 8:58:00 AM
Cyclohexane	3.2	0.52		ug/m3	1	8/31/2010 8:58:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 8:58:00 AM
Ethyl acetate	4.8	0.92		ug/m3	1	8/31/2010 8:58:00 AM
Ethylbenzene	3.8	0.66		ug/m3	1	8/31/2010 8:58:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 8:58:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00A-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	157,174
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 8:58:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 8:58:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 8:58:00 AM
Heptane	2.0	0.62		ug/m3	1	8/31/2010 8:58:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 8:58:00 AM
Hexane	14	2.7		ug/m3	5	9/1/2010 1:05:00 AM
Isopropyl alcohol	19	1.9		ug/m3	5	9/1/2010 1:05:00 AM
m&p-Xylene	11	1.3		ug/m3	1	8/31/2010 8:58:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 8:58:00 AM
Methyl Ethyl Ketone	9.7	4.5		ug/m3	5	9/1/2010 1:05:00 AM
Methyl Isobutyl Ketone	5.9	1.2		ug/m3	1	8/31/2010 8:58:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 8:58:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 8:58:00 AM
o-Xylene	4.1	0.66		ug/m3	1	8/31/2010 8:58:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 8:58:00 AM
Styrene	1.9	0.65		ug/m3	1	8/31/2010 8:58:00 AM
Tetrachloroethylene	0.76	1.0	J	ug/m3	1	8/31/2010 8:58:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 8:58:00 AM
Toluene	24	2.9		ug/m3	5	9/1/2010 1:05:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 8:58:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 8:58:00 AM
Trichloroethene	1.4	0.22		ug/m3	1	8/31/2010 8:58:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 8:58:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 8:58:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 8:58:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00A-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	157,174
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,2,4-Trimethylbenzene	2.1	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,3,5-Trimethylbenzene	0.53	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,3-Dichlorobenzene	0.56	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 8:58:00 AM
2,2,4-trimethylpentane	0.39	0.15		ppbV	1	8/31/2010 8:58:00 AM
4-ethyltoluene	0.38	0.15		ppbV	1	8/31/2010 8:58:00 AM
Acetone	29	1.5	E	ppbV	5	9/1/2010 1:05:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Benzene	0.34	0.15		ppbV	1	8/31/2010 8:58:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 8:58:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Cyclohexane	0.92	0.15		ppbV	1	8/31/2010 8:58:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00A-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	157,174
Project:	AFP 59 60160780.08	**Collectiou Date:**	8/27/2010
Lab ID:	C1008069-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qnal	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.3	0.25		ppbV	1	8/31/2010 8:58:00 AM
Ethylbenzene	0.86	0.15		ppbV	1	8/31/2010 8:58:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Heptane	0.48	0.15		ppbV	1	8/31/2010 8:58:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Hexane	3.9	0.75		ppbV	5	9/1/2010 1:05:00 AM
Isopropyl alcohol	7.4	0.75		ppbV	5	9/1/2010 1:05:00 AM
m&p-Xylene	2.5	0.30		ppbV	1	8/31/2010 8:58:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 8:58:00 AM
Methyl Ethyl Ketone	3.2	1.5		ppbV	5	9/1/2010 1:05:00 AM
Methyl Isobutyl Ketone	1.4	0.30		ppbV	1	8/31/2010 8:58:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
o-Xylene	0.92	0.15		ppbV	1	8/31/2010 8:58:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Styrene	0.45	0.15		ppbV	1	8/31/2010 8:58:00 AM
Tetrachloroethylene	0.11	0.15	J	ppbV	1	8/31/2010 8:58:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Toluene	6.2	0.75		ppbV	5	9/1/2010 1:05:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Trichloroethene	0.26	0.040		ppbV	1	8/31/2010 8:58:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 8:58:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 8:58:00 AM
Surr: Bromofluorobenzene	111	70-130		%REC	1	8/31/2010 8:58:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00B-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	352,390
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 9:33:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 9:33:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 9:33:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 9:33:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:33:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 9:33:00 AM
1,2,4-Trimethylbenzene	11	0.75		ug/m3	1	8/31/2010 9:33:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 9:33:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:33:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 9:33:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 9:33:00 AM
1,3,5-Trimethylbenzene	2.6	0.75		ug/m3	1	8/31/2010 9:33:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 9:33:00 AM
1,3-Dichlorobenzene	3.9	0.92		ug/m3	1	8/31/2010 9:33:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 9:33:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 9:33:00 AM
2,2,4-trimethylpentane	2.8	0.71		ug/m3	1	8/31/2010 9:33:00 AM
4-ethyltoluene	2.2	0.75		ug/m3	1	8/31/2010 9:33:00 AM
Acetone	75	3.6	E	ug/m3	5	9/1/2010 1:40:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 9:33:00 AM
Benzene	1.2	0.49		ug/m3	1	8/31/2010 9:33:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 9:33:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 9:33:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 9:33:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 9:33:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 9:33:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 9:33:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 9:33:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 9:33:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 9:33:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 9:33:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:33:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 9:33:00 AM
Cyclohexane	4.7	0.52		ug/m3	1	8/31/2010 9:33:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 9:33:00 AM
Ethyl acetate	6.4	0.92		ug/m3	1	8/31/2010 9:33:00 AM
Ethylbenzene	4.5	0.66		ug/m3	1	8/31/2010 9:33:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 9:33:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00B-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	352,390
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 9:33:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 9:33:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 9:33:00 AM
Heptane	2.3	0.62		ug/m3	1	8/31/2010 9:33:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 9:33:00 AM
Hexane	22	2.7		ug/m3	5	9/1/2010 1:40:00 AM
Isopropyl alcohol	18	1.9		ug/m3	5	9/1/2010 1:40:00 AM
m&p-Xylene	13	1.3		ug/m3	1	8/31/2010 9:33:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 9:33:00 AM
Methyl Ethyl Ketone	14	4.5		ug/m3	5	9/1/2010 1:40:00 AM
Methyl Isobutyl Ketone	2.4	1.2		ug/m3	1	8/31/2010 9:33:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 9:33:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 9:33:00 AM
o-Xylene	4.7	0.66		ug/m3	1	8/31/2010 9:33:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 9:33:00 AM
Styrene	2.2	0.65		ug/m3	1	8/31/2010 9:33:00 AM
Tetrachloroethylene	0.69	1.0	J	ug/m3	1	8/31/2010 9:33:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 9:33:00 AM
Toluene	31	2.9		ug/m3	5	9/1/2010 1:40:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 9:33:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 9:33:00 AM
Trichloroethene	0.76	0.22		ug/m3	1	8/31/2010 9:33:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 9:33:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 9:33:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 9:33:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00B-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	352,390
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,2,4-Trimethylbenzene	2.2	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,3,5-Trimethylbenzene	0.52	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,3-Dichlorobenzene	0.63	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 9:33:00 AM
2,2,4-trimethylpentane	0.60	0.15		ppbV	1	8/31/2010 9:33:00 AM
4-ethyltoluene	0.45	0.15		ppbV	1	8/31/2010 9:33:00 AM
Acetone	31	1.5	E	ppbV	5	9/1/2010 1:40:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Benzene	0.37	0.15		ppbV	1	8/31/2010 9:33:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 9:33:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Cyclohexane	1.4	0.15		ppbV	1	8/31/2010 9:33:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00B-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	352,390
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.7	0.25		ppbV	1	8/31/2010 9:33:00 AM
Ethylbenzene	1.0	0.15		ppbV	1	8/31/2010 9:33:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Heptane	0.56	0.15		ppbV	1	8/31/2010 9:33:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Hexane	6.2	0.75		ppbV	5	9/1/2010 1:40:00 AM
Isopropyl alcohol	7.2	0.75		ppbV	5	9/1/2010 1:40:00 AM
m&p-Xylene	2.9	0.30		ppbV	1	8/31/2010 9:33:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 9:33:00 AM
Methyl Ethyl Ketone	4.8	1.5		ppbV	5	9/1/2010 1:40:00 AM
Methyl Isobutyl Ketone	0.58	0.30		ppbV	1	8/31/2010 9:33:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
o-Xylene	1.1	0.15		ppbV	1	8/31/2010 9:33:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Styrene	0.50	0.15		ppbV	1	8/31/2010 9:33:00 AM
Tetrachloroethylene	0.10	0.15	J	ppbV	1	8/31/2010 9:33:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Toluene	8.2	0.75		ppbV	5	9/1/2010 1:40:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Trichloroethene	0.14	0.040		ppbV	1	8/31/2010 9:33:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 9:33:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 9:33:00 AM
Surr: Bromofluorobenzene	113	70-130		%REC	1	8/31/2010 9:33:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00C-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	472,297
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 10:08:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 10:08:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 10:08:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 10:08:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 10:08:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 10:08:00 AM
1,2,4-Trimethylbenzene	8.2	3.7		ug/m3	5	9/1/2010 2:15:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 10:08:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 10:08:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 10:08:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 10:08:00 AM
1,3,5-Trimethylbenzene	3.1	0.75		ug/m3	1	8/31/2010 10:08:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 10:08:00 AM
1,3-Dichlorobenzene	1.9	0.92		ug/m3	1	8/31/2010 10:08:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 10:08:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 10:08:00 AM
2,2,4-trimethylpentane	3.6	0.71		ug/m3	1	8/31/2010 10:08:00 AM
4-ethyltoluene	3.1	0.75		ug/m3	1	8/31/2010 10:08:00 AM
Acetone	50	3.6	E	ug/m3	5	9/1/2010 2:15:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 10:08:00 AM
Benzene	1.2	0.49		ug/m3	1	8/31/2010 10:08:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 10:08:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 10:08:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 10:08:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 10:08:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 10:08:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 10:08:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 10:08:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 10:08:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 10:08:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 10:08:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 10:08:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 10:08:00 AM
Cyclohexane	5.1	0.52		ug/m3	1	8/31/2010 10:08:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 10:08:00 AM
Ethyl acetate	7.5	0.92		ug/m3	1	8/31/2010 10:08:00 AM
Ethylbenzene	5.6	0.66		ug/m3	1	8/31/2010 10:08:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 10:08:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00C-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	472,297
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 10:08:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 10:08:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 10:08:00 AM
Heptane	2.1	0.62		ug/m3	1	8/31/2010 10:08:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 10:08:00 AM
Hexane	29	2.7		ug/m3	5	9/1/2010 2:15:00 AM
Isopropyl alcohol	24	1.9		ug/m3	5	9/1/2010 2:15:00 AM
m&p-Xylene	16	1.3		ug/m3	1	8/31/2010 10:08:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 10:08:00 AM
Methyl Ethyl Ketone	18	4.5		ug/m3	5	9/1/2010 2:15:00 AM
Methyl Isobutyl Ketone	2.5	1.2		ug/m3	1	8/31/2010 10:08:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 10:08:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 10:08:00 AM
o-Xylene	5.8	0.66		ug/m3	1	8/31/2010 10:08:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 10:08:00 AM
Styrene	2.7	0.65		ug/m3	1	8/31/2010 10:08:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 10:08:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 10:08:00 AM
Toluene	36	2.9		ug/m3	5	9/1/2010 2:15:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 10:08:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 10:08:00 AM
Trichloroethene	0.93	0.22		ug/m3	1	8/31/2010 10:08:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 10:08:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 10:08:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 10:08:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00C-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	472,297
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,2,4-Trimethylbenzene	1.6	0.75		ppbV	5	9/1/2010 2:15:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,3,5-Trimethylbenzene	0.63	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,3-Dichlorobenzene	0.31	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 10:08:00 AM
2,2,4-trimethylpentane	0.75	0.15		ppbV	1	8/31/2010 10:08:00 AM
4-ethyltoluene	0.62	0.15		ppbV	1	8/31/2010 10:08:00 AM
Acetone	21	1.5	E	ppbV	5	9/1/2010 2:15:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Benzene	0.38	0.15		ppbV	1	8/31/2010 10:08:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 10:08:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Cyclohexane	1.5	0.15		ppbV	1	8/31/2010 10:08:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL00C-OA-05N-1
Lab Order:	C1008069	**Tag Number:**	472,297
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008069-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	2.0	0.25		ppbV	1	8/31/2010 10:08:00 AM
Ethylbenzene	1.3	0.15		ppbV	1	8/31/2010 10:08:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Heptane	0.50	0.15		ppbV	1	8/31/2010 10:08:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Hexane	8.0	0.75		ppbV	5	9/1/2010 2:15:00 AM
Isopropyl alcohol	9.6	0.75		ppbV	5	9/1/2010 2:15:00 AM
m&p-Xylene	3.6	0.30		ppbV	1	8/31/2010 10:08:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 10:08:00 AM
Methyl Ethyl Ketone	6.2	1.5		ppbV	5	9/1/2010 2:15:00 AM
Methyl Isobutyl Ketone	0.59	0.30		ppbV	1	8/31/2010 10:08:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
o-Xylene	1.3	0.15		ppbV	1	8/31/2010 10:08:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Styrene	0.62	0.15		ppbV	1	8/31/2010 10:08:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Toluene	9.4	0.75		ppbV	5	9/1/2010 2:15:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Trichloroethene	0.17	0.040		ppbV	1	8/31/2010 10:08:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 10:08:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 10:08:00 AM
Surr: Bromofluorobenzene	105	70-130		%REC	1	8/31/2010 10:08:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Chain of Custody

AECOM
675 N. Washington Street
Alexandria, Virginia 22314
Phone No. (703) 549-8728; Fax No. (703) 549-9134

AECOM

Centek laboratories, LLC

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	AFP59-1
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		

ERPIMS Information | Other Sample Information

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	Detection Limit
~~SL00A~~	~~SL00A-GA-05N-1~~	~~8/27/10~~	~~1712/1515~~	~~Air~~	~~157~~	~~174~~	~~✓~~	___ 5ppbv
~~SL00B~~	~~SL00B-GA-05N-1~~	~~8/27/10~~	~~1717/1520~~	~~Air~~	~~352~~	~~390~~	~~✓~~	___ 1ug/M3
~~SL00C~~	~~SL00C-GA-05N-1~~	~~8/27/10~~	~~1720/1510~~	~~Air~~	~~412~~	~~297~~	~~✓~~	_X_ 1ug/M3+TCE .25
SL063	SL063-IA-05N	8/24/10	1850/1635		~~282~~	388	✓	
SL063	SL063-IA-05D		1857/1638		459	110	✓	Report Level
SL063	SL063-SS-05D		1849/1635		329	292	✓	___ Level 1
SL091	SL091-SS-05N/MS/MSD		1905/1645		485	145	✓	___ Level II
SL091	SL091-IA-05N/MS/MSD		1907/1645		485	309	✓	_X_ Cat"B" Like
SL062	SL062-SS-05N		1915/1650		192	391	✓	
SL062	SL062-IA-05N		1916/1650		231	395	✓	
SL046	SL046-SS-05N		1924/1654		359	433	✓	C1008067
SL046	SL046-IA-05N		1925/1654		95	342	✓	
SL087	SL087-SS-05N/MS/MSD	↓	1938/1659	↓	216	186	✓	

	Date	Time		Date	Time
1. Relinquished By / Company: AECOM	8/29/10	1600	1. Received By/Company	8/29/10	1600
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Chain of Custody

AECOM
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Alexandria, Virginia 22314
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AECOM

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Centek laboratories, LLC

Laboratory	Project Name	Analysis	Chain of Custody No.
Centek Laboratories	AFP 59 Vapor Intrusion Study	VOCs (TO-15)	~~AFP59-5~~ HP AFP59-1
Address	**Point of Contact / Phone No.**		Comments:
143 Midler Park Drive	Devon Chicoine (703) 706-0544		
City / State / Zip Code	**Site Contact / Phone No.**		
Syracuse / NY / 13206	Drew Foley (734) 748-2883		
ERPIMS Information	**Other Sample Information**		

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	VOCs (TO-15)	
SL087	SL087-IA-05N	8/27/10	1940/1659	AIR	350	377	✓	
SL035	SL035-IA-05N	8/27/10	1947/1710	AIR	190	126	✓	
SL035	SL035-SS-05N	8/27/10	1947/1710	AIR	288	306	✓	
SL086	SL086-SS-05N	8/27/10	1958/1737	Air	191	121	✓	
SL086	SL086-IA-05N	8/27/10	1954/1737	Air	195	305	✓	
SL090	SL090-IA-05N	8/27/10	2019/1748	Air	83	259	✓	
SL090	SL090-SS-05N	8/27/10	2017/1748	Air	335	63	✓	

Detection Limit
___ 5ppbv
___ 1ug/M3
X 1ug/M3+TCE .25
Report Level
___ Level 1
___ Level II
X Cat"B" Like

1. Relinquished By / Company	Date	Time	1. Received By/Company	Date	Time
[signature] AECOM	8/29/10	1600			
2. Relinquished By / Company	Date	Time	2. Received By/Company	Date	Time
3. Relinquished By / Company	Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company	Date	Time	4. Received By/Company	Date	Time
5. Relinquished By / Company	Date	Time	5. Received By/Company	Date	Time

Comments

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL063-IA-05N
Lab Order:	C1008067	**Tag Number:**	282,388
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 8:34:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 8:34:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 8:34:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 8:34:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 8:34:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 8:34:00 PM
1,2,4-Trimethylbenzene	9.5	3.7		ug/m3	5	8/31/2010 2:38:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 8:34:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 8:34:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 8:34:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 8:34:00 PM
1,3,5-Trimethylbenzene	2.7	0.75		ug/m3	1	8/30/2010 8:34:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 8:34:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 8:34:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 8:34:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 8:34:00 PM
2,2,4-trimethylpentane	1.6	0.71		ug/m3	1	8/30/2010 8:34:00 PM
4-ethyltoluene	2.4	0.75		ug/m3	1	8/30/2010 8:34:00 PM
Acetone	40	3.6	E	ug/m3	5	8/31/2010 2:38:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 8:34:00 PM
Benzene	0.97	0.49		ug/m3	1	8/30/2010 8:34:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 8:34:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 8:34:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 8:34:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 8:34:00 PM
Carbon disulfide	1.2	0.47		ug/m3	1	8/30/2010 8:34:00 PM
Carbon tetrachloride	< 0.26	0.26		ug/m3	1	8/30/2010 8:34:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 8:34:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 8:34:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 8:34:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 8:34:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 8:34:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 8:34:00 PM
Cyclohexane	3.3	0.52		ug/m3	1	8/30/2010 8:34:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 8:34:00 PM
Ethyl acetate	13	4.4		ug/m3	5	8/31/2010 2:38:00 PM
Ethylbenzene	3.4	0.66		ug/m3	1	8/30/2010 8:34:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	8/30/2010 8:34:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL063-IA-05N
Lab Order:	C1008067	**Tag Number:**	282,388
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 8:34:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 8:34:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 8:34:00 PM
Heptane	1.6	0.62		ug/m3	1	8/30/2010 8:34:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 8:34:00 PM
Hexane	14	2.7		ug/m3	5	8/31/2010 2:38:00 PM
Isopropyl alcohol	260	1.9	E	ug/m3	5	8/31/2010 2:38:00 PM
m&p-Xylene	9.8	1.3		ug/m3	1	8/30/2010 8:34:00 PM
Methyl Butyl Ketone	1.1	1.2	J	ug/m3	1	8/30/2010 8:34:00 PM
Methyl Ethyl Ketone	25	4.5		ug/m3	5	8/31/2010 2:38:00 PM
Methyl Isobutyl Ketone	3.8	1.2		ug/m3	1	8/30/2010 8:34:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 8:34:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/30/2010 8:34:00 PM
o-Xylene	3.8	0.66		ug/m3	1	8/30/2010 8:34:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 8:34:00 PM
Styrene	1.9	0.65		ug/m3	1	8/30/2010 8:34:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 8:34:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 8:34:00 PM
Toluene	31	2.9		ug/m3	5	8/31/2010 2:38:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 8:34:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 8:34:00 PM
Trichloroethene	1.1	0.22		ug/m3	1	8/30/2010 8:34:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 8:34:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 8:34:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 8:34:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL063-IA-05N
Lab Order:	C1008067	**Tag Number:**	282,388
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,2,4-Trimethylbenzene	1.9	0.75		ppbV	5	8/31/2010 2:38:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,3,5-Trimethylbenzene	0.55	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 8:34:00 PM
2,2,4-trimethylpentane	0.33	0.15		ppbV	1	8/30/2010 8:34:00 PM
4-ethyltoluene	0.49	0.15		ppbV	1	8/30/2010 8:34:00 PM
Acetone	17	1.5	E	ppbV	5	8/31/2010 2:38:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Benzene	0.30	0.15		ppbV	1	8/30/2010 8:34:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Carbon disulfide	0.39	0.15		ppbV	1	8/30/2010 8:34:00 PM
Carbon tetrachloride	< 0.040	0.040		ppbV	1	8/30/2010 8:34:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Cyclohexane	0.93	0.15		ppbV	1	8/30/2010 8:34:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL063-IA-05N
Lab Order:	C1008067	**Tag Number:**	282,388
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	3.6	1.2		ppbV	5	8/31/2010 2:38:00 PM
Ethylbenzene	0.76	0.15		ppbV	1	8/30/2010 8:34:00 PM
Freon 11	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Heptane	0.38	0.15		ppbV	1	8/30/2010 8:34:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Hexane	3.8	0.75		ppbV	5	8/31/2010 2:38:00 PM
Isopropyl alcohol	110	0.75	E	ppbV	5	8/31/2010 2:38:00 PM
m&p-Xylene	2.2	0.30		ppbV	1	8/30/2010 8:34:00 PM
Methyl Butyl Ketone	0.26	0.30	J	ppbV	1	8/30/2010 8:34:00 PM
Methyl Ethyl Ketone	8.4	1.5		ppbV	5	8/31/2010 2:38:00 PM
Methyl Isobutyl Ketone	0.91	0.30		ppbV	1	8/30/2010 8:34:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
o-Xylene	0.85	0.15		ppbV	1	8/30/2010 8:34:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Styrene	0.43	0.15		ppbV	1	8/30/2010 8:34:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Toluene	8.2	0.75		ppbV	5	8/31/2010 2:38:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Trichloroethene	0.20	0.040		ppbV	1	8/30/2010 8:34:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 8:34:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 8:34:00 PM
Surr: Bromofluorobenzene	113	70-130		%REC	1	8/30/2010 8:34:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO63-IA-05D
Lab Order:	C1008067	**Tag Number:**	459,110
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 9:11:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 9:11:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 9:11:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 9:11:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:11:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 9:11:00 PM
1,2,4-Trimethylbenzene	10	3.7		ug/m3	5	8/31/2010 3:15:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 9:11:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:11:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 9:11:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 9:11:00 PM
1,3,5-Trimethylbenzene	3.5	0.75		ug/m3	1	8/30/2010 9:11:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 9:11:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:11:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:11:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 9:11:00 PM
2,2,4-trimethylpentane	2.2	0.71		ug/m3	1	8/30/2010 9:11:00 PM
4-ethyltoluene	3.3	0.75		ug/m3	1	8/30/2010 9:11:00 PM
Acetone	33	3.6	E	ug/m3	5	8/31/2010 3:15:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 9:11:00 PM
Benzene	0.97	0.49		ug/m3	1	8/30/2010 9:11:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 9:11:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 9:11:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 9:11:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 9:11:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/30/2010 9:11:00 PM
Carbon tetrachloride	0.51	0.26		ug/m3	1	8/30/2010 9:11:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 9:11:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 9:11:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 9:11:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 9:11:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:11:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 9:11:00 PM
Cyclohexane	6.9	0.52		ug/m3	1	8/30/2010 9:11:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 9:11:00 PM
Ethyl acetate	7.9	0.92		ug/m3	1	8/30/2010 9:11:00 PM
Ethylbenzene	4.8	0.66		ug/m3	1	8/30/2010 9:11:00 PM
Freon 11	3.4	0.86		ug/m3	1	8/30/2010 9:11:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO63-IA-05D
Lab Order:	C1008067	**Tag Number:**	459,110
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 9:11:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 9:11:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 9:11:00 PM
Heptane	2.0	0.62		ug/m3	1	8/30/2010 9:11:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 9:11:00 PM
Hexane	15	2.7		ug/m3	5	8/31/2010 3:15:00 PM
Isopropyl alcohol	250	1.9	E	ug/m3	5	8/31/2010 3:15:00 PM
m&p-Xylene	14	1.3		ug/m3	1	8/30/2010 9:11:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 9:11:00 PM
Methyl Ethyl Ketone	12	4.5		ug/m3	5	8/31/2010 3:15:00 PM
Methyl Isobutyl Ketone	5.0	1.2		ug/m3	1	8/30/2010 9:11:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 9:11:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/30/2010 9:11:00 PM
o-Xylene	5.2	0.66		ug/m3	1	8/30/2010 9:11:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 9:11:00 PM
Styrene	2.6	0.65		ug/m3	1	8/30/2010 9:11:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 9:11:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 9:11:00 PM
Toluene	31	2.9		ug/m3	5	8/31/2010 3:15:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:11:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 9:11:00 PM
Trichloroethene	1.2	0.22		ug/m3	1	8/30/2010 9:11:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 9:11:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 9:11:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 9:11:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO63-IA-05D
Lab Order:	C1008067	**Tag Number:**	459,110
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,2,4-Trimethylbenzene	2.0	0.75		ppbV	5	8/31/2010 3:15:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,3,5-Trimethylbenzene	0.70	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 9:11:00 PM
2,2,4-trimethylpentane	0.47	0.15		ppbV	1	8/30/2010 9:11:00 PM
4-ethyltoluene	0.67	0.15		ppbV	1	8/30/2010 9:11:00 PM
Acetone	14	1.5	E	ppbV	5	8/31/2010 3:15:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Benzene	0.30	0.15		ppbV	1	8/30/2010 9:11:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Carbon tetrachloride	0.080	0.040		ppbV	1	8/30/2010 9:11:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Cyclohexane	2.0	0.15		ppbV	1	8/30/2010 9:11:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO63-IA-05D
Lab Order:	C1008067	**Tag Number:**	459,110
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	2.2	0.25		ppbV	1	8/30/2010 9:11:00 PM
Ethylbenzene	1.1	0.15		ppbV	1	8/30/2010 9:11:00 PM
Freon 11	0.59	0.15		ppbV	1	8/30/2010 9:11:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Heptane	0.47	0.15		ppbV	1	8/30/2010 9:11:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Hexane	4.2	0.75		ppbV	5	8/31/2010 3:15:00 PM
Isopropyl alcohol	100	0.75	E	ppbV	5	8/31/2010 3:15:00 PM
m&p-Xylene	3.1	0.30		ppbV	1	8/30/2010 9:11:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 9:11:00 PM
Methyl Ethyl Ketone	4.0	1.5		ppbV	5	8/31/2010 3:15:00 PM
Methyl Isobutyl Ketone	1.2	0.30		ppbV	1	8/30/2010 9:11:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
o-Xylene	1.2	0.15		ppbV	1	8/30/2010 9:11:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Styrene	0.60	0.15		ppbV	1	8/30/2010 9:11:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Toluene	8.0	0.75		ppbV	5	8/31/2010 3:15:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Trichloroethene	0.22	0.040		ppbV	1	8/30/2010 9:11:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 9:11:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 9:11:00 PM
Surr: Bromofluorobenzene	116	70-130		%REC	1	8/30/2010 9:11:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO63-SS-05D
Lab Order:	C1008067	**Tag Number:**	329,292
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	85	8.3		ug/m3	10	9/3/2010 3:14:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 11:13:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 11:13:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 11:13:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 11:13:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 11:13:00 PM
1,2,4-Trimethylbenzene	7.0	0.75		ug/m3	1	9/1/2010 11:13:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 11:13:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 11:13:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 11:13:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 11:13:00 PM
1,3,5-Trimethylbenzene	2.9	0.75		ug/m3	1	9/1/2010 11:13:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 11:13:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 11:13:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 11:13:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 11:13:00 PM
2,2,4-trimethylpentane	0.90	0.71		ug/m3	1	9/1/2010 11:13:00 PM
4-ethyltoluene	1.2	0.75		ug/m3	1	9/1/2010 11:13:00 PM
Acetone	73	7.2	E	ug/m3	10	9/3/2010 3:14:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 11:13:00 PM
Benzene	2.9	0.49		ug/m3	1	9/1/2010 11:13:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 11:13:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 11:13:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 11:13:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 11:13:00 PM
Carbon disulfide	6.3	0.47		ug/m3	1	9/1/2010 11:13:00 PM
Carbon tetrachloride	3.3	0.96		ug/m3	1	9/1/2010 11:13:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 11:13:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 11:13:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 11:13:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 11:13:00 PM
cis-1,2-Dichloroethene	0.44	0.60	J	ug/m3	1	9/1/2010 11:13:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 11:13:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/1/2010 11:13:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 11:13:00 PM
Ethyl acetate	29	9.2		ug/m3	10	9/3/2010 3:14:00 AM
Ethylbenzene	1.8	0.66		ug/m3	1	9/1/2010 11:13:00 PM
Freon 11	4.3	0.86		ug/m3	1	9/1/2010 11:13:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO63-SS-05D
Lab Order:	C1008067	**Tag Number:**	329,292
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	22	12		ug/m3	10	9/3/2010 3:14:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 11:13:00 PM
Freon 12	11	0.75		ug/m3	1	9/1/2010 11:13:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 11:13:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 11:13:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 11:13:00 PM
Isopropyl alcohol	280	3.7	E	ug/m3	10	9/3/2010 3:14:00 AM
m&p-Xylene	5.3	1.3		ug/m3	1	9/1/2010 11:13:00 PM
Methyl Butyl Ketone	1.3	1.2		ug/m3	1	9/1/2010 11:13:00 PM
Methyl Ethyl Ketone	35	9.0		ug/m3	10	9/3/2010 3:14:00 AM
Methyl Isobutyl Ketone	5.9	1.2		ug/m3	1	9/1/2010 11:13:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 11:13:00 PM
Methylene chloride	0.88	0.53		ug/m3	1	9/1/2010 11:13:00 PM
o-Xylene	2.3	0.66		ug/m3	1	9/1/2010 11:13:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 11:13:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 11:13:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 11:13:00 PM
Tetrahydrofuran	6.9	4.5		ug/m3	10	9/3/2010 3:14:00 AM
Toluene	36	5.7		ug/m3	10	9/3/2010 3:14:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 11:13:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 11:13:00 PM
Trichloroethene	6.8	0.82		ug/m3	1	9/1/2010 11:13:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 11:13:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 11:13:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 11:13:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO63-SS-05D
Lab Order:	C1008067	**Tag Number:**	329,292
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	15	1.5		ppbV	10	9/3/2010 3:14:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,2,4-Trimethylbenzene	1.4	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,3,5-Trimethylbenzene	0.59	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 11:13:00 PM
2,2,4-trimethylpentane	0.19	0.15		ppbV	1	9/1/2010 11:13:00 PM
4-ethyltoluene	0.24	0.15		ppbV	1	9/1/2010 11:13:00 PM
Acetone	30	3.0	E	ppbV	10	9/3/2010 3:14:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Benzene	0.90	0.15		ppbV	1	9/1/2010 11:13:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Carbon disulfide	2.0	0.15		ppbV	1	9/1/2010 11:13:00 PM
Carbon tetrachloride	0.52	0.15		ppbV	1	9/1/2010 11:13:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
cis-1,2-Dichloroethene	0.11	0.15	J	ppbV	1	9/1/2010 11:13:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO63-SS-05D
Lab Order:	C1008067	**Tag Number:**	329,292
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	8.0	2.5		ppbV	10	9/3/2010 3:14:00 AM
Ethylbenzene	0.40	0.15		ppbV	1	9/1/2010 11:13:00 PM
Freon 11	0.75	0.15		ppbV	1	9/1/2010 11:13:00 PM
Freon 113	2.8	1.5		ppbV	10	9/3/2010 3:14:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Freon 12	2.2	0.15		ppbV	1	9/1/2010 11:13:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Isopropyl alcohol	110	1.5	E	ppbV	10	9/3/2010 3:14:00 AM
m&p-Xylene	1.2	0.30		ppbV	1	9/1/2010 11:13:00 PM
Methyl Butyl Ketone	0.32	0.30		ppbV	1	9/1/2010 11:13:00 PM
Methyl Ethyl Ketone	12	3.0		ppbV	10	9/3/2010 3:14:00 AM
Methyl Isobutyl Ketone	1.4	0.30		ppbV	1	9/1/2010 11:13:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Methylene chloride	0.25	0.15		ppbV	1	9/1/2010 11:13:00 PM
o-Xylene	0.51	0.15		ppbV	1	9/1/2010 11:13:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Tetrahydrofuran	2.3	1.5		ppbV	10	9/3/2010 3:14:00 AM
Toluene	9.3	1.5		ppbV	10	9/3/2010 3:14:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Trichloroethene	1.2	0.15		ppbV	1	9/1/2010 11:13:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 11:13:00 PM
Surr: Bromofluorobenzene	108	70-130		%REC	1	9/1/2010 11:13:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO91-SS-05N
Lab Order:	C1008067	**Tag Number:**	485,145
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.89	0.83		ug/m3	1	9/1/2010 7:29:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:29:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 7:29:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 7:29:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:29:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 7:29:00 PM
1,2,4-Trimethylbenzene	6.1	0.75		ug/m3	1	9/1/2010 7:29:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 7:29:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:29:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 7:29:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 7:29:00 PM
1,3,5-Trimethylbenzene	1.8	0.75		ug/m3	1	9/1/2010 7:29:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 7:29:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:29:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:29:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 7:29:00 PM
2,2,4-trimethylpentane	1.0	0.71		ug/m3	1	9/1/2010 7:29:00 PM
4-ethyltoluene	1.3	0.75		ug/m3	1	9/1/2010 7:29:00 PM
Acetone	45	0.72		ug/m3	1	9/1/2010 7:29:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 7:29:00 PM
Benzene	0.75	0.49		ug/m3	1	9/1/2010 7:29:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 7:29:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:29:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 7:29:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 7:29:00 PM
Carbon disulfide	0.57	0.47		ug/m3	1	9/1/2010 7:29:00 PM
Carbon tetrachloride	0.70	0.96	J	ug/m3	1	9/1/2010 7:29:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 7:29:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 7:29:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 7:29:00 PM
Chloromethane	0.50	0.31		ug/m3	1	9/1/2010 7:29:00 PM
cis-1,2-Dichloroethene	0.64	0.60		ug/m3	1	9/1/2010 7:29:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:29:00 PM
Cyclohexane	20	0.52		ug/m3	1	9/1/2010 7:29:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 7:29:00 PM
Ethyl acetate	4.0	0.92		ug/m3	1	9/1/2010 7:29:00 PM
Ethylbenzene	1.1	0.66		ug/m3	1	9/1/2010 7:29:00 PM
Freon 11	1.9	0.86		ug/m3	1	9/1/2010 7:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO91-SS-05N
Lab Order:	C1008067	**Tag Number:**	485,145
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	1.2	1.2		ug/m3	1	9/1/2010 7:29:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 7:29:00 PM
Freon 12	2.4	0.75		ug/m3	1	9/1/2010 7:29:00 PM
Heptane	1.4	0.62		ug/m3	1	9/1/2010 7:29:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 7:29:00 PM
Hexane	1.8	0.54		ug/m3	1	9/1/2010 7:29:00 PM
Isopropyl alcohol	240	0.37		ug/m3	1	9/1/2010 7:29:00 PM
m&p-Xylene	3.8	1.3		ug/m3	1	9/1/2010 7:29:00 PM
Methyl Butyl Ketone	0.58	1.2	J	ug/m3	1	9/1/2010 7:29:00 PM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	9/1/2010 7:29:00 PM
Methyl Isobutyl Ketone	2.5	1.2		ug/m3	1	9/1/2010 7:29:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 7:29:00 PM
Methylene chloride	1.7	0.53		ug/m3	1	9/1/2010 7:29:00 PM
o-Xylene	1.9	0.66		ug/m3	1	9/1/2010 7:29:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 7:29:00 PM
Styrene	0.65	0.65		ug/m3	1	9/1/2010 7:29:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 7:29:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 7:29:00 PM
Toluene	11	0.57		ug/m3	1	9/1/2010 7:29:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:29:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:29:00 PM
Trichloroethene	3.3	0.82		ug/m3	1	9/1/2010 7:29:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 7:29:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 7:29:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 7:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO91-SS-05N
Lab Order:	C1008067	**Tag Number:**	485,145
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-19			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	0.16	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,2,4-Trimethylbenzene	1.2	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,3,5-Trimethylbenzene	0.37	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 7:29:00 PM
2,2,4-trimethylpentane	0.22	0.15		ppbV	1	9/1/2010 7:29:00 PM
4-ethyltoluene	0.26	0.15		ppbV	1	9/1/2010 7:29:00 PM
Acetone	19	0.30		ppbV	1	9/1/2010 7:29:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Benzene	0.23	0.15		ppbV	1	9/1/2010 7:29:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Carbon disulfide	0.18	0.15		ppbV	1	9/1/2010 7:29:00 PM
Carbon tetrachloride	0.11	0.15	J	ppbV	1	9/1/2010 7:29:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Chloromethane	0.24	0.15		ppbV	1	9/1/2010 7:29:00 PM
cis-1,2-Dichloroethene	0.16	0.15		ppbV	1	9/1/2010 7:29:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Cyclohexane	5.7	0.15		ppbV	1	9/1/2010 7:29:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO91-SS-05N
Lab Order:	C1008067	**Tag Number:**	485,145
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.1	0.25		ppbV	1	9/1/2010 7:29:00 PM
Ethylbenzene	0.24	0.15		ppbV	1	9/1/2010 7:29:00 PM
Freon 11	0.34	0.15		ppbV	1	9/1/2010 7:29:00 PM
Freon 113	0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Freon 12	0.48	0.15		ppbV	1	9/1/2010 7:29:00 PM
Heptane	0.33	0.15		ppbV	1	9/1/2010 7:29:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Hexane	0.50	0.15		ppbV	1	9/1/2010 7:29:00 PM
Isopropyl alcohol	95	0.15		ppbV	1	9/1/2010 7:29:00 PM
m&p-Xylene	0.87	0.30		ppbV	1	9/1/2010 7:29:00 PM
Methyl Butyl Ketone	0.14	0.30	J	ppbV	1	9/1/2010 7:29:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 7:29:00 PM
Methyl Isobutyl Ketone	0.61	0.30		ppbV	1	9/1/2010 7:29:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Methylene chloride	0.47	0.15		ppbV	1	9/1/2010 7:29:00 PM
o-Xylene	0.42	0.15		ppbV	1	9/1/2010 7:29:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Styrene	0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Toluene	2.8	0.15		ppbV	1	9/1/2010 7:29:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Trichloroethene	0.60	0.15		ppbV	1	9/1/2010 7:29:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:29:00 PM
Surr: Bromofluorobenzene	101	70-130		%REC	1	9/1/2010 7:29:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO91-IA-05N
Lab Order:	C1008067	**Tag Number:**	483,309
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 6:40:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 6:40:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 6:40:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 6:40:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 6:40:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 6:40:00 PM
1,2,4-Trimethylbenzene	14	7.5		ug/m3	10	8/31/2010 1:57:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 6:40:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 6:40:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 6:40:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 6:40:00 PM
1,3,5-Trimethylbenzene	3.5	0.75		ug/m3	1	8/30/2010 6:40:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 6:40:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 6:40:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 6:40:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 6:40:00 PM
2,2,4-trimethylpentane	4.8	0.71		ug/m3	1	8/30/2010 6:40:00 PM
4-ethyltoluene	2.5	0.75		ug/m3	1	8/30/2010 6:40:00 PM
Acetone	56	7.2	E	ug/m3	10	8/31/2010 1:57:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 6:40:00 PM
Benzene	1.1	0.49		ug/m3	1	8/30/2010 6:40:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 6:40:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 6:40:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 6:40:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 6:40:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/30/2010 6:40:00 PM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/30/2010 6:40:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 6:40:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 6:40:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 6:40:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 6:40:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 6:40:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 6:40:00 PM
Cyclohexane	7.8	0.52		ug/m3	1	8/30/2010 6:40:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 6:40:00 PM
Ethyl acetate	6.2	9.2	J	ug/m3	10	8/31/2010 1:57:00 PM
Ethylbenzene	4.9	0.66		ug/m3	1	8/30/2010 6:40:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	8/30/2010 6:40:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO91-IA-05N
Lab Order:	C1008067	**Tag Number:**	483,309
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 6:40:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 6:40:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 6:40:00 PM
Heptane	2.9	0.62		ug/m3	1	8/30/2010 6:40:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 6:40:00 PM
Hexane	23	5.4		ug/m3	10	8/31/2010 1:57:00 PM
Isopropyl alcohol	140	3.7	E	ug/m3	10	8/31/2010 1:57:00 PM
m&p-Xylene	14	1.3		ug/m3	1	8/30/2010 6:40:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 6:40:00 PM
Methyl Ethyl Ketone	17	9.0		ug/m3	10	8/31/2010 1:57:00 PM
Methyl Isobutyl Ketone	4.3	1.2		ug/m3	1	8/30/2010 6:40:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 6:40:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/30/2010 6:40:00 PM
o-Xylene	5.4	0.66		ug/m3	1	8/30/2010 6:40:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 6:40:00 PM
Styrene	2.5	0.65		ug/m3	1	8/30/2010 6:40:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 6:40:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 6:40:00 PM
Toluene	24	5.7		ug/m3	10	8/31/2010 1:57:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 6:40:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 6:40:00 PM
Trichloroethene	1.4	0.22		ug/m3	1	8/30/2010 6:40:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 6:40:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 6:40:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 6:40:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO91-IA-05N
Lab Order:	C1008067	**Tag Number:**	483,309
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-16			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,2,4-Trimethylbenzene	2.8	1.5		ppbV	10	8/31/2010 1:57:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,3,5-Trimethylbenzene	0.70	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 6:40:00 PM
2,2,4-trimethylpentane	1.0	0.15		ppbV	1	8/30/2010 6:40:00 PM
4-ethyltoluene	0.50	0.15		ppbV	1	8/30/2010 6:40:00 PM
Acetone	23	3.0	E	ppbV	10	8/31/2010 1:57:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Benzene	0.35	0.15		ppbV	1	8/30/2010 6:40:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/30/2010 6:40:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Cyclohexane	2.2	0.15		ppbV	1	8/30/2010 6:40:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO91-IA-05N
Lab Order:	C1008067	**Tag Number:**	483,309
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.7	2.5	J	ppbV	10	8/31/2010 1:57:00 PM
Ethylbenzene	1.1	0.15		ppbV	1	8/30/2010 6:40:00 PM
Freon 11	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Heptane	0.70	0.15		ppbV	1	8/30/2010 6:40:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Hexane	6.5	1.5		ppbV	10	8/31/2010 1:57:00 PM
Isopropyl alcohol	57	1.5	E	ppbV	10	8/31/2010 1:57:00 PM
m&p-Xylene	3.1	0.30		ppbV	1	8/30/2010 6:40:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 6:40:00 PM
Methyl Ethyl Ketone	5.8	3.0		ppbV	10	8/31/2010 1:57:00 PM
Methyl Isobutyl Ketone	1.0	0.30		ppbV	1	8/30/2010 6:40:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
o-Xylene	1.2	0.15		ppbV	1	8/30/2010 6:40:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Styrene	0.57	0.15		ppbV	1	8/30/2010 6:40:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Toluene	6.3	1.5		ppbV	10	8/31/2010 1:57:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Trichloroethene	0.25	0.040		ppbV	1	8/30/2010 6:40:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 6:40:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 6:40:00 PM
Surr: Bromofluorobenzene	106	70-130		%REC	1	8/30/2010 6:40:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO62-SS-05N
Lab Order:	C1008067	**Tag Number:**	192,391
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	54	8.3		ug/m3	10	9/3/2010 3:49:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 11:48:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 11:48:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 11:48:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 11:48:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 11:48:00 PM
1,2,4-Trimethylbenzene	6.8	0.75		ug/m3	1	9/1/2010 11:48:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 11:48:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 11:48:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 11:48:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 11:48:00 PM
1,3,5-Trimethylbenzene	1.5	0.75		ug/m3	1	9/1/2010 11:48:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 11:48:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 11:48:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 11:48:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 11:48:00 PM
2,2,4-trimethylpentane	0.85	0.71		ug/m3	1	9/1/2010 11:48:00 PM
4-ethyltoluene	0.85	0.75		ug/m3	1	9/1/2010 11:48:00 PM
Acetone	31	7.2		ug/m3	10	9/3/2010 3:49:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 11:48:00 PM
Benzene	0.68	0.49		ug/m3	1	9/1/2010 11:48:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 11:48:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 11:48:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 11:48:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 11:48:00 PM
Carbon disulfide	0.60	0.47		ug/m3	1	9/1/2010 11:48:00 PM
Carbon tetrachloride	1.7	0.96		ug/m3	1	9/1/2010 11:48:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 11:48:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 11:48:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 11:48:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 11:48:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 11:48:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 11:48:00 PM
Cyclohexane	2.5	0.52		ug/m3	1	9/1/2010 11:48:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 11:48:00 PM
Ethyl acetate	2.2	0.92		ug/m3	1	9/1/2010 11:48:00 PM
Ethylbenzene	1.0	0.66		ug/m3	1	9/1/2010 11:48:00 PM
Freon 11	2.2	0.86		ug/m3	1	9/1/2010 11:48:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO62-SS-05N
Lab Order:	C1008067	**Tag Number:**	192,391
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	4.6	1.2		ug/m3	1	9/1/2010 11:48:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 11:48:00 PM
Freon 12	3.4	0.75		ug/m3	1	9/1/2010 11:48:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 11:48:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 11:48:00 PM
Hexane	1.8	0.54		ug/m3	1	9/1/2010 11:48:00 PM
Isopropyl alcohol	84	3.7	E	ug/m3	10	9/3/2010 3:49:00 AM
m&p-Xylene	3.4	1.3		ug/m3	1	9/1/2010 11:48:00 PM
Methyl Butyl Ketone	0.58	1.2	J	ug/m3	1	9/1/2010 11:48:00 PM
Methyl Ethyl Ketone	3.3	0.90		ug/m3	1	9/1/2010 11:48:00 PM
Methyl Isobutyl Ketone	2.1	1.2		ug/m3	1	9/1/2010 11:48:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 11:48:00 PM
Methylene chloride	0.81	0.53		ug/m3	1	9/1/2010 11:48:00 PM
o-Xylene	1.5	0.66		ug/m3	1	9/1/2010 11:48:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 11:48:00 PM
Styrene	0.52	0.65	J	ug/m3	1	9/1/2010 11:48:00 PM
Tetrachloroethylene	1.8	1.0		ug/m3	1	9/1/2010 11:48:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 11:48:00 PM
Toluene	6.9	5.7		ug/m3	10	9/3/2010 3:49:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 11:48:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 11:48:00 PM
Trichloroethene	22	8.2		ug/m3	10	9/3/2010 3:49:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 11:48:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 11:48:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 11:48:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO62-SS-05N
Lab Order:	C1008067	**Tag Number:**	192,391
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	9.8	1.5		ppbV	10	9/3/2010 3:49:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,2,4-Trimethylbenzene	1.4	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,3,5-Trimethylbenzene	0.30	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 11:48:00 PM
2,2,4-trimethylpentane	0.18	0.15		ppbV	1	9/1/2010 11:48:00 PM
4-ethyltoluene	0.17	0.15		ppbV	1	9/1/2010 11:48:00 PM
Acetone	13	3.0		ppbV	10	9/3/2010 3:49:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Benzene	0.21	0.15		ppbV	1	9/1/2010 11:48:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Carbon disulfide	0.19	0.15		ppbV	1	9/1/2010 11:48:00 PM
Carbon tetrachloride	0.26	0.15		ppbV	1	9/1/2010 11:48:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Cyclohexane	0.72	0.15		ppbV	1	9/1/2010 11:48:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO62-SS-05N
Lab Order:	C1008067	**Tag Number:**	192,391
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.59	0.25		ppbV	1	9/1/2010 11:48:00 PM
Ethylbenzene	0.23	0.15		ppbV	1	9/1/2010 11:48:00 PM
Freon 11	0.39	0.15		ppbV	1	9/1/2010 11:48:00 PM
Freon 113	0.59	0.15		ppbV	1	9/1/2010 11:48:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Freon 12	0.68	0.15		ppbV	1	9/1/2010 11:48:00 PM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Hexane	0.49	0.15		ppbV	1	9/1/2010 11:48:00 PM
Isopropyl alcohol	34	1.5	E	ppbV	10	9/3/2010 3:49:00 AM
m&p-Xylene	0.77	0.30		ppbV	1	9/1/2010 11:48:00 PM
Methyl Butyl Ketone	0.14	0.30	J	ppbV	1	9/1/2010 11:48:00 PM
Methyl Ethyl Ketone	1.1	0.30		ppbV	1	9/1/2010 11:48:00 PM
Methyl Isobutyl Ketone	0.51	0.30		ppbV	1	9/1/2010 11:48:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Methylene chloride	0.23	0.15		ppbV	1	9/1/2010 11:48:00 PM
o-Xylene	0.33	0.15		ppbV	1	9/1/2010 11:48:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Styrene	0.12	0.15	J	ppbV	1	9/1/2010 11:48:00 PM
Tetrachloroethylene	0.26	0.15		ppbV	1	9/1/2010 11:48:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Toluene	1.8	1.5		ppbV	10	9/3/2010 3:49:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Trichloroethene	4.1	1.5		ppbV	10	9/3/2010 3:49:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 11:48:00 PM
Surr: Bromofluorobenzene	105	70-130		%REC	1	9/1/2010 11:48:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO62-IA-05N
Lab Order:	C1008067	**Tag Number:**	231,395
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 9:48:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 9:48:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 9:48:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 9:48:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:48:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 9:48:00 PM
1,2,4-Trimethylbenzene	9.0	3.7		ug/m3	5	8/31/2010 3:58:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 9:48:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:48:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 9:48:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 9:48:00 PM
1,3,5-Trimethylbenzene	2.7	0.75		ug/m3	1	8/30/2010 9:48:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 9:48:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:48:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 9:48:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 9:48:00 PM
2,2,4-trimethylpentane	1.6	0.71		ug/m3	1	8/30/2010 9:48:00 PM
4-ethyltoluene	2.7	0.75		ug/m3	1	8/30/2010 9:48:00 PM
Acetone	30	3.6	E	ug/m3	5	8/31/2010 3:58:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 9:48:00 PM
Benzene	0.91	0.49		ug/m3	1	8/30/2010 9:48:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 9:48:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 9:48:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 9:48:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 9:48:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/30/2010 9:48:00 PM
Carbon tetrachloride	0.51	0.26		ug/m3	1	8/30/2010 9:48:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 9:48:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 9:48:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 9:48:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 9:48:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:48:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 9:48:00 PM
Cyclohexane	3.4	0.52		ug/m3	1	8/30/2010 9:48:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 9:48:00 PM
Ethyl acetate	5.5	0.92		ug/m3	1	8/30/2010 9:48:00 PM
Ethylbenzene	3.4	0.66		ug/m3	1	8/30/2010 9:48:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	8/30/2010 9:48:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO62-IA-05N
Lab Order:	C1008067	**Tag Number:**	231,395
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	9.4	1.2		ug/m3	1	8/30/2010 9:48:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 9:48:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 9:48:00 PM
Heptane	1.5	0.62		ug/m3	1	8/30/2010 9:48:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 9:48:00 PM
Hexane	11	2.7		ug/m3	5	8/31/2010 3:58:00 PM
Isopropyl alcohol	180	1.9	E	ug/m3	5	8/31/2010 3:58:00 PM
m&p-Xylene	10	1.3		ug/m3	1	8/30/2010 9:48:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 9:48:00 PM
Methyl Ethyl Ketone	10	4.5		ug/m3	5	8/31/2010 3:58:00 PM
Methyl Isobutyl Ketone	3.2	1.2		ug/m3	1	8/30/2010 9:48:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 9:48:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/30/2010 9:48:00 PM
o-Xylene	3.8	0.66		ug/m3	1	8/30/2010 9:48:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 9:48:00 PM
Styrene	1.8	0.65		ug/m3	1	8/30/2010 9:48:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 9:48:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 9:48:00 PM
Toluene	24	2.9		ug/m3	5	8/31/2010 3:58:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 9:48:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 9:48:00 PM
Trichloroethene	1.3	0.22		ug/m3	1	8/30/2010 9:48:00 PM
Vinyl acetate	3.4	0.54		ug/m3	1	8/30/2010 9:48:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 9:48:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 9:48:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO62-IA-05N
Lab Order:	C1008067	**Tag Number:**	231,395
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,2,4-Trimethylbenzene	1.8	0.75		ppbV	5	8/31/2010 3:58:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,3,5-Trimethylbenzene	0.54	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 9:48:00 PM
2,2,4-trimethylpentane	0.34	0.15		ppbV	1	8/30/2010 9:48:00 PM
4-ethyltoluene	0.54	0.15		ppbV	1	8/30/2010 9:48:00 PM
Acetone	12	1.5	E	ppbV	5	8/31/2010 3:58:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Benzene	0.28	0.15		ppbV	1	8/30/2010 9:48:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Carbon tetrachloride	0.080	0.040		ppbV	1	8/30/2010 9:48:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Cyclohexane	0.97	0.15		ppbV	1	8/30/2010 9:48:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO62-IA-05N
Lab Order:	C1008067	**Tag Number:**	231,395
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.5	0.25		ppbV	1	8/30/2010 9:48:00 PM
Ethylbenzene	0.77	0.15		ppbV	1	8/30/2010 9:48:00 PM
Freon 11	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Freon 113	1.2	0.15		ppbV	1	8/30/2010 9:48:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Heptane	0.35	0.15		ppbV	1	8/30/2010 9:48:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Hexane	3.2	0.75		ppbV	5	8/31/2010 3:58:00 PM
Isopropyl alcohol	70	0.75	E	ppbV	5	8/31/2010 3:58:00 PM
m&p-Xylene	2.3	0.30		ppbV	1	8/30/2010 9:48:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 9:48:00 PM
Methyl Ethyl Ketone	3.4	1.5		ppbV	5	8/31/2010 3:58:00 PM
Methyl Isobutyl Ketone	0.77	0.30		ppbV	1	8/30/2010 9:48:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
o-Xylene	0.86	0.15		ppbV	1	8/30/2010 9:48:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Styrene	0.42	0.15		ppbV	1	8/30/2010 9:48:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Toluene	6.2	0.75		ppbV	5	8/31/2010 3:58:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Trichloroethene	0.23	0.040		ppbV	1	8/30/2010 9:48:00 PM
Vinyl acetate	0.94	0.15		ppbV	1	8/30/2010 9:48:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 9:48:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 9:48:00 PM
Surr: Bromofluorobenzene	115	70-130		%REC	1	8/30/2010 9:48:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO46-SS-05N
Lab Order:	C1008067	**Tag Number:**	359,433
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	280	78		ug/m3	90	9/3/2010 5:34:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/2/2010 12:23:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/2/2010 12:23:00 AM
1,1-Dichloroethane	37	6.2		ug/m3	10	9/3/2010 4:24:00 AM
1,1-Dichloroethene	22	6.0		ug/m3	10	9/3/2010 4:24:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/2/2010 12:23:00 AM
1,2,4-Trimethylbenzene	3.9	0.75		ug/m3	1	9/2/2010 12:23:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/2/2010 12:23:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 12:23:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/2/2010 12:23:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/2/2010 12:23:00 AM
1,3,5-Trimethylbenzene	1.1	0.75		ug/m3	1	9/2/2010 12:23:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/2/2010 12:23:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 12:23:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 12:23:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/2/2010 12:23:00 AM
2,2,4-trimethylpentane	1.0	0.71		ug/m3	1	9/2/2010 12:23:00 AM
4-ethyltoluene	0.70	0.75	J	ug/m3	1	9/2/2010 12:23:00 AM
Acetone	49	7.2		ug/m3	10	9/3/2010 4:24:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/2/2010 12:23:00 AM
Benzene	0.97	0.49		ug/m3	1	9/2/2010 12:23:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/2/2010 12:23:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/2/2010 12:23:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/2/2010 12:23:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/2/2010 12:23:00 AM
Carbon disulfide	0.57	0.47		ug/m3	1	9/2/2010 12:23:00 AM
Carbon tetrachloride	2.5	0.96		ug/m3	1	9/2/2010 12:23:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/2/2010 12:23:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/2/2010 12:23:00 AM
Chloroform	8.9	0.74		ug/m3	1	9/2/2010 12:23:00 AM
Chloromethane	0.97	0.31		ug/m3	1	9/2/2010 12:23:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/2/2010 12:23:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/2/2010 12:23:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/2/2010 12:23:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/2/2010 12:23:00 AM
Ethyl acetate	7.1	0.92		ug/m3	1	9/2/2010 12:23:00 AM
Ethylbenzene	1.2	0.66		ug/m3	1	9/2/2010 12:23:00 AM
Freon 11	2.4	0.86		ug/m3	1	9/2/2010 12:23:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO46-SS-05N
Lab Order:	C1008067	**Tag Number:**	359,433
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	42	12		ug/m3	10	9/3/2010 4:24:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/2/2010 12:23:00 AM
Freon 12	3.6	0.75		ug/m3	1	9/2/2010 12:23:00 AM
Heptane	1.5	0.62		ug/m3	1	9/2/2010 12:23:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/2/2010 12:23:00 AM
Hexane	3.4	0.54		ug/m3	1	9/2/2010 12:23:00 AM
Isopropyl alcohol	240	35		ug/m3	90	9/3/2010 5:34:00 AM
m&p-Xylene	4.3	1.3		ug/m3	1	9/2/2010 12:23:00 AM
Methyl Butyl Ketone	0.62	1.2	J	ug/m3	1	9/2/2010 12:23:00 AM
Methyl Ethyl Ketone	4.9	0.90		ug/m3	1	9/2/2010 12:23:00 AM
Methyl Isobutyl Ketone	4.5	1.2		ug/m3	1	9/2/2010 12:23:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/2/2010 12:23:00 AM
Methylene chloride	1.5	0.53		ug/m3	1	9/2/2010 12:23:00 AM
o-Xylene	2.0	0.66		ug/m3	1	9/2/2010 12:23:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/2/2010 12:23:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/2/2010 12:23:00 AM
Tetrachloroethylene	0.97	1.0	J	ug/m3	1	9/2/2010 12:23:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/2/2010 12:23:00 AM
Toluene	48	5.7		ug/m3	10	9/3/2010 4:24:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/2/2010 12:23:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/2/2010 12:23:00 AM
Trichloroethene	150	76		ug/m3	90	9/3/2010 5:34:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/2/2010 12:23:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/2/2010 12:23:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/2/2010 12:23:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO46-SS-05N
Lab Order:	C1008067	**Tag Number:**	359,433
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	50	14		ppbV	90	9/3/2010 5:34:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,1-Dichloroethane	8.9	1.5		ppbV	10	9/3/2010 4:24:00 AM
1,1-Dichloroethene	5.5	1.5		ppbV	10	9/3/2010 4:24:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,2,4-Trimethylbenzene	0.78	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,3,5-Trimethylbenzene	0.23	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/2/2010 12:23:00 AM
2,2,4-trimethylpentane	0.21	0.15		ppbV	1	9/2/2010 12:23:00 AM
4-ethyltoluene	0.14	0.15	J	ppbV	1	9/2/2010 12:23:00 AM
Acetone	20	3.0		ppbV	10	9/3/2010 4:24:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Benzene	0.30	0.15		ppbV	1	9/2/2010 12:23:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Carbon disulfide	0.18	0.15		ppbV	1	9/2/2010 12:23:00 AM
Carbon tetrachloride	0.39	0.15		ppbV	1	9/2/2010 12:23:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Chloroform	1.8	0.15		ppbV	1	9/2/2010 12:23:00 AM
Chloromethane	0.46	0.15		ppbV	1	9/2/2010 12:23:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO46-SS-05N
Lab Order:	C1008067	**Tag Number:**	359,433
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.9	0.25		ppbV	1	9/2/2010 12:23:00 AM
Ethylbenzene	0.27	0.15		ppbV	1	9/2/2010 12:23:00 AM
Freon 11	0.42	0.15		ppbV	1	9/2/2010 12:23:00 AM
Freon 113	5.4	1.5		ppbV	10	9/3/2010 4:24:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Freon 12	0.71	0.15		ppbV	1	9/2/2010 12:23:00 AM
Heptane	0.37	0.15		ppbV	1	9/2/2010 12:23:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Hexane	0.94	0.15		ppbV	1	9/2/2010 12:23:00 AM
Isopropyl alcohol	95	14		ppbV	90	9/3/2010 5:34:00 AM
m&p-Xylene	0.97	0.30		ppbV	1	9/2/2010 12:23:00 AM
Methyl Butyl Ketone	0.15	0.30	J	ppbV	1	9/2/2010 12:23:00 AM
Methyl Ethyl Ketone	1.6	0.30		ppbV	1	9/2/2010 12:23:00 AM
Methyl Isobutyl Ketone	1.1	0.30		ppbV	1	9/2/2010 12:23:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Methylene chloride	0.43	0.15		ppbV	1	9/2/2010 12:23:00 AM
o-Xylene	0.46	0.15		ppbV	1	9/2/2010 12:23:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Tetrachloroethylene	0.14	0.15	J	ppbV	1	9/2/2010 12:23:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Toluene	13	1.5		ppbV	10	9/3/2010 4:24:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Trichloroethene	27	14		ppbV	90	9/3/2010 5:34:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 12:23:00 AM
Surr: Bromofluorobenzene	107	70-130		%REC	1	9/2/2010 12:23:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO46-IA-05N
Lab Order:	C1008067	**Tag Number:**	95,342
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 10:24:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 10:24:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 10:24:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 10:24:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 10:24:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 10:24:00 PM
1,2,4-Trimethylbenzene	16	3.7		ug/m3	5	8/31/2010 4:40:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 10:24:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:24:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 10:24:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 10:24:00 PM
1,3,5-Trimethylbenzene	3.1	0.75		ug/m3	1	8/30/2010 10:24:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 10:24:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:24:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 10:24:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 10:24:00 PM
2,2,4-trimethylpentane	1.5	0.71		ug/m3	1	8/30/2010 10:24:00 PM
4-ethyltoluene	2.2	0.75		ug/m3	1	8/30/2010 10:24:00 PM
Acetone	45	3.6	E	ug/m3	5	8/31/2010 4:40:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 10:24:00 PM
Benzene	0.55	0.49		ug/m3	1	8/30/2010 10:24:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 10:24:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 10:24:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 10:24:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 10:24:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/30/2010 10:24:00 PM
Carbon tetrachloride	< 0.26	0.26		ug/m3	1	8/30/2010 10:24:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 10:24:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 10:24:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 10:24:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 10:24:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 10:24:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 10:24:00 PM
Cyclohexane	3.1	0.52		ug/m3	1	8/30/2010 10:24:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 10:24:00 PM
Ethyl acetate	5.1	0.92		ug/m3	1	8/30/2010 10:24:00 PM
Ethylbenzene	2.4	0.66		ug/m3	1	8/30/2010 10:24:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	8/30/2010 10:24:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO46-IA-05N
Lab Order:	C1008067	**Tag Number:**	95,342
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 10:24:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 10:24:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 10:24:00 PM
Heptane	< 0.62	0.62		ug/m3	1	8/30/2010 10:24:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 10:24:00 PM
Hexane	16	2.7		ug/m3	5	8/31/2010 4:40:00 PM
Isopropyl alcohol	190	1.9	E	ug/m3	5	8/31/2010 4:40:00 PM
m&p-Xylene	6.7	1.3		ug/m3	1	8/30/2010 10:24:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 10:24:00 PM
Methyl Ethyl Ketone	5.1	0.90		ug/m3	1	8/30/2010 10:24:00 PM
Methyl Isobutyl Ketone	2.3	1.2		ug/m3	1	8/30/2010 10:24:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 10:24:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/30/2010 10:24:00 PM
o-Xylene	2.7	0.66		ug/m3	1	8/30/2010 10:24:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 10:24:00 PM
Styrene	1.2	0.65		ug/m3	1	8/30/2010 10:24:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 10:24:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 10:24:00 PM
Toluene	29	2.9		ug/m3	5	8/31/2010 4:40:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 10:24:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 10:24:00 PM
Trichloroethene	2.4	0.22		ug/m3	1	8/30/2010 10:24:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 10:24:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 10:24:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 10:24:00 PM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO46-IA-05N
Lab Order:	C1008067	**Tag Number:**	95,342
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-2			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,2,4-Trimethylbenzene	3.3	0.75		ppbV	5	8/31/2010 4:40:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,3,5-Trimethylbenzene	0.62	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 10:24:00 PM
2,2,4-trimethylpentane	0.32	0.15		ppbV	1	8/30/2010 10:24:00 PM
4-ethyltoluene	0.45	0.15		ppbV	1	8/30/2010 10:24:00 PM
Acetone	18	1.5	E	ppbV	5	8/31/2010 4:40:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Benzene	0.17	0.15		ppbV	1	8/30/2010 10:24:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Carbon tetrachloride	< 0.040	0.040		ppbV	1	8/30/2010 10:24:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Cyclohexane	0.88	0.15		ppbV	1	8/30/2010 10:24:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO46-IA-05N
Lab Order:	C1008067	**Tag Number:**	95,342
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.4	0.25		ppbV	1	8/30/2010 10:24:00 PM
Ethylbenzene	0.54	0.15		ppbV	1	8/30/2010 10:24:00 PM
Freon 11	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Heptane	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Hexane	4.6	0.75		ppbV	5	8/31/2010 4:40:00 PM
Isopropyl alcohol	77	0.75	E	ppbV	5	8/31/2010 4:40:00 PM
m&p-Xylene	1.5	0.30		ppbV	1	8/30/2010 10:24:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 10:24:00 PM
Methyl Ethyl Ketone	1.7	0.30		ppbV	1	8/30/2010 10:24:00 PM
Methyl Isobutyl Ketone	0.56	0.30		ppbV	1	8/30/2010 10:24:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
o-Xylene	0.62	0.15		ppbV	1	8/30/2010 10:24:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Styrene	0.28	0.15		ppbV	1	8/30/2010 10:24:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Toluene	7.6	0.75		ppbV	5	8/31/2010 4:40:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Trichloroethene	0.44	0.040		ppbV	1	8/30/2010 10:24:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 10:24:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 10:24:00 PM
Surr: Bromofluorobenzene	92.0	70-130		%REC	1	8/30/2010 10:24:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO87-SS-05N
Lab Order:	C1008067	**Tag Number:**	216,186
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 9:26:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 9:26:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 9:26:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 9:26:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:26:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 9:26:00 PM
1,2,4-Trimethylbenzene	5.4	0.75		ug/m3	1	9/1/2010 9:26:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 9:26:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:26:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 9:26:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 9:26:00 PM
1,3,5-Trimethylbenzene	1.2	0.75		ug/m3	1	9/1/2010 9:26:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 9:26:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:26:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:26:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 9:26:00 PM
2,2,4-trimethylpentane	1.5	0.71		ug/m3	1	9/1/2010 9:26:00 PM
4-ethyltoluene	0.90	0.75		ug/m3	1	9/1/2010 9:26:00 PM
Acetone	1400	7.2	E	ug/m3	10	9/3/2010 2:39:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 9:26:00 PM
Benzene	1.1	0.49		ug/m3	1	9/1/2010 9:26:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 9:26:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 9:26:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 9:26:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 9:26:00 PM
Carbon disulfide	0.85	0.47		ug/m3	1	9/1/2010 9:26:00 PM
Carbon tetrachloride	0.70	0.96	J	ug/m3	1	9/1/2010 9:26:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 9:26:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 9:26:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 9:26:00 PM
Chloromethane	0.88	0.31		ug/m3	1	9/1/2010 9:26:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:26:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 9:26:00 PM
Cyclohexane	7.4	0.52		ug/m3	1	9/1/2010 9:26:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 9:26:00 PM
Ethyl acetate	3.0	0.92		ug/m3	1	9/1/2010 9:26:00 PM
Ethylbenzene	1.3	0.66		ug/m3	1	9/1/2010 9:26:00 PM
Freon 11	1.9	0.86		ug/m3	1	9/1/2010 9:26:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO87-SS-05N
Lab Order:	C1008067	**Tag Number:**	216,186
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	9/1/2010 9:26:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 9:26:00 PM
Freon 12	3.2	0.75		ug/m3	1	9/1/2010 9:26:00 PM
Heptane	2.5	0.62		ug/m3	1	9/1/2010 9:26:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 9:26:00 PM
Hexane	41	5.4		ug/m3	10	9/3/2010 2:39:00 AM
Isopropyl alcohol	350	3.7	E	ug/m3	10	9/3/2010 2:39:00 AM
m&p-Xylene	4.4	1.3		ug/m3	1	9/1/2010 9:26:00 PM
Methyl Butyl Ketone	1.9	1.2		ug/m3	1	9/1/2010 9:26:00 PM
Methyl Ethyl Ketone	29	9.0		ug/m3	10	9/3/2010 2:39:00 AM
Methyl Isobutyl Ketone	6.9	1.2		ug/m3	1	9/1/2010 9:26:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 9:26:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/1/2010 9:26:00 PM
o-Xylene	1.9	0.66		ug/m3	1	9/1/2010 9:26:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 9:26:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 9:26:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 9:26:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 9:26:00 PM
Toluene	16	5.7		ug/m3	10	9/3/2010 2:39:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:26:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 9:26:00 PM
Trichloroethene	1.7	0.82		ug/m3	1	9/1/2010 9:26:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 9:26:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 9:26:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 9:26:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO87-SS-05N
Lab Order:	C1008067	**Tag Number:**	216,186
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,2,4-Trimethylbenzene	1.1	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,3,5-Trimethylbenzene	0.25	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 9:26:00 PM
2,2,4-trimethylpentane	0.31	0.15		ppbV	1	9/1/2010 9:26:00 PM
4-ethyltoluene	0.18	0.15		ppbV	1	9/1/2010 9:26:00 PM
Acetone	580	3.0	E	ppbV	10	9/3/2010 2:39:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Benzene	0.34	0.15		ppbV	1	9/1/2010 9:26:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Carbon disulfide	0.27	0.15		ppbV	1	9/1/2010 9:26:00 PM
Carbon tetrachloride	0.11	0.15	J	ppbV	1	9/1/2010 9:26:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Chloromethane	0.42	0.15		ppbV	1	9/1/2010 9:26:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Cyclohexane	2.1	0.15		ppbV	1	9/1/2010 9:26:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO87-SS-05N
Lab Order:	C1008067	**Tag Number:**	216,186
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.82	0.25		ppbV	1	9/1/2010 9:26:00 PM
Ethylbenzene	0.29	0.15		ppbV	1	9/1/2010 9:26:00 PM
Freon 11	0.34	0.15		ppbV	1	9/1/2010 9:26:00 PM
Freon 113	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Freon 12	0.64	0.15		ppbV	1	9/1/2010 9:26:00 PM
Heptane	0.59	0.15		ppbV	1	9/1/2010 9:26:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Hexane	11	1.5		ppbV	10	9/3/2010 2:39:00 AM
Isopropyl alcohol	140	1.5	E	ppbV	10	9/3/2010 2:39:00 AM
m&p-Xylene	1.0	0.30		ppbV	1	9/1/2010 9:26:00 PM
Methyl Butyl Ketone	0.45	0.30		ppbV	1	9/1/2010 9:26:00 PM
Methyl Ethyl Ketone	9.8	3.0		ppbV	10	9/3/2010 2:39:00 AM
Methyl Isobutyl Ketone	1.6	0.30		ppbV	1	9/1/2010 9:26:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
o-Xylene	0.42	0.15		ppbV	1	9/1/2010 9:26:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Toluene	4.1	1.5		ppbV	10	9/3/2010 2:39:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Trichloroethene	0.32	0.15		ppbV	1	9/1/2010 9:26:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:26:00 PM
Surr: Bromofluorobenzene	106	70-130		%REC	1	9/1/2010 9:26:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO87-IA-05N
Lab Order:	C1008067	**Tag Number:**	350,377
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 11:02:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 11:02:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 11:02:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 11:02:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:02:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 11:02:00 PM
1,2,4-Trimethylbenzene	7.7	3.7		ug/m3	5	8/31/2010 5:17:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 11:02:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:02:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 11:02:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 11:02:00 PM
1,3,5-Trimethylbenzene	2.7	0.75		ug/m3	1	8/30/2010 11:02:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 11:02:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:02:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:02:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 11:02:00 PM
2,2,4-trimethylpentane	2.0	0.71		ug/m3	1	8/30/2010 11:02:00 PM
4-ethyltoluene	2.4	0.75		ug/m3	1	8/30/2010 11:02:00 PM
Acetone	35	3.6	E	ug/m3	5	8/31/2010 5:17:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 11:02:00 PM
Benzene	0.81	0.49		ug/m3	1	8/30/2010 11:02:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 11:02:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 11:02:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 11:02:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 11:02:00 PM
Carbon disulfide	0.35	0.47	J	ug/m3	1	8/30/2010 11:02:00 PM
Carbon tetrachloride	0.51	0.26		ug/m3	1	8/30/2010 11:02:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/30/2010 11:02:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 11:02:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 11:02:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 11:02:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:02:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 11:02:00 PM
Cyclohexane	4.7	0.52		ug/m3	1	8/30/2010 11:02:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 11:02:00 PM
Ethyl acetate	6.2	0.92		ug/m3	1	8/30/2010 11:02:00 PM
Ethylbenzene	4.6	0.66		ug/m3	1	8/30/2010 11:02:00 PM
Freon 11	2.5	0.86		ug/m3	1	8/30/2010 11:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO87-IA-05N
Lab Order:	C1008067	**Tag Number:**	350,377
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 11:02:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 11:02:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 11:02:00 PM
Heptane	1.5	0.62		ug/m3	1	8/30/2010 11:02:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 11:02:00 PM
Hexane	17	2.7		ug/m3	5	8/31/2010 5:17:00 PM
Isopropyl alcohol	400	1.9	E	ug/m3	5	8/31/2010 5:17:00 PM
m&p-Xylene	13	1.3		ug/m3	1	8/30/2010 11:02:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 11:02:00 PM
Methyl Ethyl Ketone	7.0	0.90		ug/m3	1	8/30/2010 11:02:00 PM
Methyl Isobutyl Ketone	3.5	1.2		ug/m3	1	8/30/2010 11:02:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 11:02:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/30/2010 11:02:00 PM
o-Xylene	4.7	0.66		ug/m3	1	8/30/2010 11:02:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 11:02:00 PM
Styrene	2.4	0.65		ug/m3	1	8/30/2010 11:02:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 11:02:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 11:02:00 PM
Toluene	41	2.9		ug/m3	5	8/31/2010 5:17:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:02:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 11:02:00 PM
Trichloroethene	0.87	0.22		ug/m3	1	8/30/2010 11:02:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 11:02:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 11:02:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 11:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO87-IA-05N
Lab Order:	C1008067	**Tag Number:**	350,377
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,2,4-Trimethylbenzene	1.6	0.75		ppbV	5	8/31/2010 5:17:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,3,5-Trimethylbenzene	0.55	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 11:02:00 PM
2,2,4-trimethylpentane	0.43	0.15		ppbV	1	8/30/2010 11:02:00 PM
4-ethyltoluene	0.48	0.15		ppbV	1	8/30/2010 11:02:00 PM
Acetone	15	1.5	E	ppbV	5	8/31/2010 5:17:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Benzene	0.25	0.15		ppbV	1	8/30/2010 11:02:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Carbon disulfide	0.11	0.15	J	ppbV	1	8/30/2010 11:02:00 PM
Carbon tetrachloride	0.080	0.040		ppbV	1	8/30/2010 11:02:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Cyclohexane	1.3	0.15		ppbV	1	8/30/2010 11:02:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO87-IA-05N
Lab Order:	C1008067	**Tag Number:**	350,377
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.7	0.25		ppbV	1	8/30/2010 11:02:00 PM
Ethylbenzene	1.0	0.15		ppbV	1	8/30/2010 11:02:00 PM
Freon 11	0.44	0.15		ppbV	1	8/30/2010 11:02:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Heptane	0.35	0.15		ppbV	1	8/30/2010 11:02:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Hexane	4.6	0.75		ppbV	5	8/31/2010 5:17:00 PM
Isopropyl alcohol	160	0.75	E	ppbV	5	8/31/2010 5:17:00 PM
m&p-Xylene	3.0	0.30		ppbV	1	8/30/2010 11:02:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 11:02:00 PM
Methyl Ethyl Ketone	2.3	0.30		ppbV	1	8/30/2010 11:02:00 PM
Methyl Isobutyl Ketone	0.83	0.30		ppbV	1	8/30/2010 11:02:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
o-Xylene	1.1	0.15		ppbV	1	8/30/2010 11:02:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Styrene	0.56	0.15		ppbV	1	8/30/2010 11:02:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Toluene	11	0.75		ppbV	5	8/31/2010 5:17:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Trichloroethene	0.16	0.040		ppbV	1	8/30/2010 11:02:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 11:02:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 11:02:00 PM
Surr: Bromofluorobenzene	110	70-130		%REC	1	8/30/2010 11:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO35-IA-05N
Lab Order:	C1008067	**Tag Number:**	190,126
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 11:39:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/30/2010 11:39:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/30/2010 11:39:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 11:39:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:39:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/30/2010 11:39:00 PM
1,2,4-Trimethylbenzene	9.2	3.7		ug/m3	5	8/31/2010 5:51:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/30/2010 11:39:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:39:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/30/2010 11:39:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/30/2010 11:39:00 PM
1,3,5-Trimethylbenzene	3.0	0.75		ug/m3	1	8/30/2010 11:39:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/30/2010 11:39:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:39:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/30/2010 11:39:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/30/2010 11:39:00 PM
2,2,4-trimethylpentane	1.1	0.71		ug/m3	1	8/30/2010 11:39:00 PM
4-ethyltoluene	2.2	0.75		ug/m3	1	8/30/2010 11:39:00 PM
Acetone	43	3.6	E	ug/m3	5	8/31/2010 5:51:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/30/2010 11:39:00 PM
Benzene	0.65	0.49		ug/m3	1	8/30/2010 11:39:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/30/2010 11:39:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/30/2010 11:39:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	8/30/2010 11:39:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	8/30/2010 11:39:00 PM
Carbon disulfide	2.4	0.47		ug/m3	1	8/30/2010 11:39:00 PM
Carbon tetrachloride	0.51	0.26		ug/m3	1	8/30/2010 11:39:00 PM
Chlorobenzene	1.4	0.70		ug/m3	1	8/30/2010 11:39:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	8/30/2010 11:39:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	8/30/2010 11:39:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	8/30/2010 11:39:00 PM
cis-1,2-Dichloroethene	0.56	0.60	J	ug/m3	1	8/30/2010 11:39:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 11:39:00 PM
Cyclohexane	4.5	0.52		ug/m3	1	8/30/2010 11:39:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/30/2010 11:39:00 PM
Ethyl acetate	7.7	4.4		ug/m3	5	8/31/2010 5:51:00 PM
Ethylbenzene	2.4	0.66		ug/m3	1	8/30/2010 11:39:00 PM
Freon 11	2.2	0.86		ug/m3	1	8/30/2010 11:39:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO35-IA-05N
Lab Order:	C1008067	**Tag Number:**	190,126
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/30/2010 11:39:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	8/30/2010 11:39:00 PM
Freon 12	< 0.75	0.75		ug/m3	1	8/30/2010 11:39:00 PM
Heptane	1.2	0.62		ug/m3	1	8/30/2010 11:39:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/30/2010 11:39:00 PM
Hexane	10	2.7		ug/m3	5	8/31/2010 5:51:00 PM
Isopropyl alcohol	770	1.9	E	ug/m3	5	8/31/2010 5:51:00 PM
m&p-Xylene	7.2	1.3		ug/m3	1	8/30/2010 11:39:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/30/2010 11:39:00 PM
Methyl Ethyl Ketone	8.5	4.5		ug/m3	5	8/31/2010 5:51:00 PM
Methyl Isobutyl Ketone	3.1	1.2		ug/m3	1	8/30/2010 11:39:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/30/2010 11:39:00 PM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/30/2010 11:39:00 PM
o-Xylene	2.5	0.66		ug/m3	1	8/30/2010 11:39:00 PM
Propylene	< 0.26	0.26		ug/m3	1	8/30/2010 11:39:00 PM
Styrene	1.7	0.65		ug/m3	1	8/30/2010 11:39:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/30/2010 11:39:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/30/2010 11:39:00 PM
Toluene	30	2.9		ug/m3	5	8/31/2010 5:51:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/30/2010 11:39:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/30/2010 11:39:00 PM
Trichloroethene	2.6	0.22		ug/m3	1	8/30/2010 11:39:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/30/2010 11:39:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/30/2010 11:39:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/30/2010 11:39:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO35-IA-05N
Lab Order:	C1008067	**Tag Number:**	190,126
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,2,4-Trimethylbenzene	1.8	0.75		ppbV	5	8/31/2010 5:51:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,3,5-Trimethylbenzene	0.61	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/30/2010 11:39:00 PM
2,2,4-trimethylpentane	0.24	0.15		ppbV	1	8/30/2010 11:39:00 PM
4-ethyltoluene	0.44	0.15		ppbV	1	8/30/2010 11:39:00 PM
Acetone	18	1.5	E	ppbV	5	8/31/2010 5:51:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Benzene	0.20	0.15		ppbV	1	8/30/2010 11:39:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Bromoform	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Carbon disulfide	0.75	0.15		ppbV	1	8/30/2010 11:39:00 PM
Carbon tetrachloride	0.080	0.040		ppbV	1	8/30/2010 11:39:00 PM
Chlorobenzene	0.29	0.15		ppbV	1	8/30/2010 11:39:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Chloroform	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
cis-1,2-Dichloroethene	0.14	0.15	J	ppbV	1	8/30/2010 11:39:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Cyclohexane	1.3	0.15		ppbV	1	8/30/2010 11:39:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO35-IA-05N
Lab Order:	C1008067	**Tag Number:**	190,126
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	2.1	1.2		ppbV	5	8/31/2010 5:51:00 PM
Ethylbenzene	0.54	0.15		ppbV	1	8/30/2010 11:39:00 PM
Freon 11	0.39	0.15		ppbV	1	8/30/2010 11:39:00 PM
Freon 113	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Freon 114	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Freon 12	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Heptane	0.28	0.15		ppbV	1	8/30/2010 11:39:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Hexane	2.8	0.75		ppbV	5	8/31/2010 5:51:00 PM
Isopropyl alcohol	310	0.75	E	ppbV	5	8/31/2010 5:51:00 PM
m&p-Xylene	1.6	0.30		ppbV	1	8/30/2010 11:39:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/30/2010 11:39:00 PM
Methyl Ethyl Ketone	2.9	1.5		ppbV	5	8/31/2010 5:51:00 PM
Methyl Isobutyl Ketone	0.75	0.30		ppbV	1	8/30/2010 11:39:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
o-Xylene	0.57	0.15		ppbV	1	8/30/2010 11:39:00 PM
Propylene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Styrene	0.39	0.15		ppbV	1	8/30/2010 11:39:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Toluene	7.8	0.75		ppbV	5	8/31/2010 5:51:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Trichloroethene	0.47	0.040		ppbV	1	8/30/2010 11:39:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/30/2010 11:39:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/30/2010 11:39:00 PM
Surr: Bromofluorobenzene	116	70-130		%REC	1	8/30/2010 11:39:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO35-SS-05N
Lab Order:	C1008067	**Tag Number:**	288,306
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	440	78		ug/m3	90	9/3/2010 7:21:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/2/2010 1:00:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/2/2010 1:00:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/2/2010 1:00:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/2/2010 1:00:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/2/2010 1:00:00 AM
1,2,4-Trimethylbenzene	8.6	0.75		ug/m3	1	9/2/2010 1:00:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/2/2010 1:00:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 1:00:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/2/2010 1:00:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/2/2010 1:00:00 AM
1,3,5-Trimethylbenzene	2.2	0.75		ug/m3	1	9/2/2010 1:00:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/2/2010 1:00:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 1:00:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 1:00:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/2/2010 1:00:00 AM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	9/2/2010 1:00:00 AM
4-ethyltoluene	1.6	0.75		ug/m3	1	9/2/2010 1:00:00 AM
Acetone	42	7.2		ug/m3	10	9/3/2010 6:09:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/2/2010 1:00:00 AM
Benzene	< 0.49	0.49		ug/m3	1	9/2/2010 1:00:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/2/2010 1:00:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/2/2010 1:00:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/2/2010 1:00:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/2/2010 1:00:00 AM
Carbon disulfide	0.92	0.47		ug/m3	1	9/2/2010 1:00:00 AM
Carbon tetrachloride	94	9.6		ug/m3	10	9/3/2010 6:09:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/2/2010 1:00:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/2/2010 1:00:00 AM
Chloroform	3.6	0.74		ug/m3	1	9/2/2010 1:00:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/2/2010 1:00:00 AM
cis-1,2-Dichloroethene	0.97	0.60		ug/m3	1	9/2/2010 1:00:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/2/2010 1:00:00 AM
Cyclohexane	4.4	0.52		ug/m3	1	9/2/2010 1:00:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/2/2010 1:00:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/2/2010 1:00:00 AM
Ethylbenzene	1.4	0.66		ug/m3	1	9/2/2010 1:00:00 AM
Freon 11	3.1	0.86		ug/m3	1	9/2/2010 1:00:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO35-SS-05N
Lab Order:	C1008067	**Tag Number:**	288,306
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	130	12		ug/m3	10	9/3/2010 6:09:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/2/2010 1:00:00 AM
Freon 12	3.9	0.75		ug/m3	1	9/2/2010 1:00:00 AM
Heptane	1.8	0.62		ug/m3	1	9/2/2010 1:00:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/2/2010 1:00:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/2/2010 1:00:00 AM
Isopropyl alcohol	120	35		ug/m3	90	9/3/2010 7:21:00 AM
m&p-Xylene	4.7	1.3		ug/m3	1	9/2/2010 1:00:00 AM
Methyl Butyl Ketone	0.75	1.2	J	ug/m3	1	9/2/2010 1:00:00 AM
Methyl Ethyl Ketone	10	9.0		ug/m3	10	9/3/2010 6:09:00 AM
Methyl Isobutyl Ketone	2.9	1.2		ug/m3	1	9/2/2010 1:00:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/2/2010 1:00:00 AM
Methylene chloride	3.7	0.53		ug/m3	1	9/2/2010 1:00:00 AM
o-Xylene	2.0	0.66		ug/m3	1	9/2/2010 1:00:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/2/2010 1:00:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/2/2010 1:00:00 AM
Tetrachloroethylene	1.1	1.0		ug/m3	1	9/2/2010 1:00:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/2/2010 1:00:00 AM
Toluene	12	5.7		ug/m3	10	9/3/2010 6:09:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/2/2010 1:00:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/2/2010 1:00:00 AM
Trichloroethene	120	8.2		ug/m3	10	9/3/2010 6:09:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/2/2010 1:00:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/2/2010 1:00:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/2/2010 1:00:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO35-SS-05N
Lab Order:	C1008067	**Tag Number:**	288,306
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-19			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	79	14		ppbV	90	9/3/2010 7:21:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,2,4-Trimethylbenzene	1.7	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,3,5-Trimethylbenzene	0.45	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/2/2010 1:00:00 AM
2,2,4-trimethylpentane	0.28	0.15		ppbV	1	9/2/2010 1:00:00 AM
4-ethyltoluene	0.32	0.15		ppbV	1	9/2/2010 1:00:00 AM
Acetone	18	3.0		ppbV	10	9/3/2010 6:09:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Benzene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Carbon disulfide	0.29	0.15		ppbV	1	9/2/2010 1:00:00 AM
Carbon tetrachloride	15	1.5		ppbV	10	9/3/2010 6:09:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Chloroform	0.73	0.15		ppbV	1	9/2/2010 1:00:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
cis-1,2-Dichloroethene	0.24	0.15		ppbV	1	9/2/2010 1:00:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Cyclohexane	1.3	0.15		ppbV	1	9/2/2010 1:00:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO35-SS-05N
Lab Order:	C1008067	**Tag Number:**	288,306
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/2/2010 1:00:00 AM
Ethylbenzene	0.31	0.15		ppbV	1	9/2/2010 1:00:00 AM
Freon 11	0.55	0.15		ppbV	1	9/2/2010 1:00:00 AM
Freon 113	17	1.5		ppbV	10	9/3/2010 6:09:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Freon 12	0.77	0.15		ppbV	1	9/2/2010 1:00:00 AM
Heptane	0.44	0.15		ppbV	1	9/2/2010 1:00:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Isopropyl alcohol	49	14		ppbV	90	9/3/2010 7:21:00 AM
m&p-Xylene	1.1	0.30		ppbV	1	9/2/2010 1:00:00 AM
Methyl Butyl Ketone	0.18	0.30	J	ppbV	1	9/2/2010 1:00:00 AM
Methyl Ethyl Ketone	3.4	3.0		ppbV	10	9/3/2010 6:09:00 AM
Methyl Isobutyl Ketone	0.70	0.30		ppbV	1	9/2/2010 1:00:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Methylene chloride	1.0	0.15		ppbV	1	9/2/2010 1:00:00 AM
o-Xylene	0.45	0.15		ppbV	1	9/2/2010 1:00:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Tetrachloroethylene	0.16	0.15		ppbV	1	9/2/2010 1:00:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Toluene	3.2	1.5		ppbV	10	9/3/2010 6:09:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Trichloroethene	22	1.5		ppbV	10	9/3/2010 6:09:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 1:00:00 AM
Surr: Bromofluorobenzene	96.0	70-130		%REC	1	9/2/2010 1:00:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO86-SS-05N
Lab Order:	C1008067	**Tag Number:**	191,121
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	990	220		ug/m3	270	9/3/2010 10:59:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/2/2010 1:35:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/2/2010 1:35:00 AM
1,1-Dichloroethane	1.2	0.62		ug/m3	1	9/2/2010 1:35:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/2/2010 1:35:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/2/2010 1:35:00 AM
1,2,4-Trimethylbenzene	6.8	0.75		ug/m3	1	9/2/2010 1:35:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/2/2010 1:35:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 1:35:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/2/2010 1:35:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/2/2010 1:35:00 AM
1,3,5-Trimethylbenzene	2.4	0.75		ug/m3	1	9/2/2010 1:35:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/2/2010 1:35:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 1:35:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/2/2010 1:35:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/2/2010 1:35:00 AM
2,2,4-trimethylpentane	1.4	0.71		ug/m3	1	9/2/2010 1:35:00 AM
4-ethyltoluene	1.4	0.75		ug/m3	1	9/2/2010 1:35:00 AM
Acetone	41	7.2		ug/m3	10	9/3/2010 7:56:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/2/2010 1:35:00 AM
Benzene	0.97	0.49		ug/m3	1	9/2/2010 1:35:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/2/2010 1:35:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/2/2010 1:35:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/2/2010 1:35:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/2/2010 1:35:00 AM
Carbon disulfide	0.57	0.47		ug/m3	1	9/2/2010 1:35:00 AM
Carbon tetrachloride	3.9	0.96		ug/m3	1	9/2/2010 1:35:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/2/2010 1:35:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/2/2010 1:35:00 AM
Chloroform	1.2	0.74		ug/m3	1	9/2/2010 1:35:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/2/2010 1:35:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/2/2010 1:35:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/2/2010 1:35:00 AM
Cyclohexane	6.3	0.52		ug/m3	1	9/2/2010 1:35:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/2/2010 1:35:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/2/2010 1:35:00 AM
Ethylbenzene	2.4	0.66		ug/m3	1	9/2/2010 1:35:00 AM
Freon 11	4.6	0.86		ug/m3	1	9/2/2010 1:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO86-SS-05N
Lab Order:	C1008067	**Tag Number:**	191,121
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	780	310		ug/m3	270	9/3/2010 10:59:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/2/2010 1:35:00 AM
Freon 12	4.5	0.75		ug/m3	1	9/2/2010 1:35:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/2/2010 1:35:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/2/2010 1:35:00 AM
Hexane	3.0	0.54		ug/m3	1	9/2/2010 1:35:00 AM
Isopropyl alcohol	110	100		ug/m3	270	9/3/2010 10:59:00 AM
m&p-Xylene	7.7	1.3		ug/m3	1	9/2/2010 1:35:00 AM
Methyl Butyl Ketone	2.7	1.2		ug/m3	1	9/2/2010 1:35:00 AM
Methyl Ethyl Ketone	5.4	0.90		ug/m3	1	9/2/2010 1:35:00 AM
Methyl Isobutyl Ketone	2.8	1.2		ug/m3	1	9/2/2010 1:35:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/2/2010 1:35:00 AM
Methylene chloride	0.88	0.53		ug/m3	1	9/2/2010 1:35:00 AM
o-Xylene	2.8	0.66		ug/m3	1	9/2/2010 1:35:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/2/2010 1:35:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/2/2010 1:35:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/2/2010 1:35:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/2/2010 1:35:00 AM
Toluene	15	5.7		ug/m3	10	9/3/2010 7:56:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/2/2010 1:35:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/2/2010 1:35:00 AM
Trichloroethene	19	8.2		ug/m3	10	9/3/2010 7:56:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/2/2010 1:35:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/2/2010 1:35:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/2/2010 1:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
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H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO86-SS-05N
Lab Order:	C1008067	**Tag Number:**	191,121
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-8			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	180	40		ppbV	270	9/3/2010 10:59:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,1-Dichloroethane	0.29	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,2,4-Trimethylbenzene	1.4	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,3,5-Trimethylbenzene	0.49	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/2/2010 1:35:00 AM
2,2,4-trimethylpentane	0.29	0.15		ppbV	1	9/2/2010 1:35:00 AM
4-ethyltoluene	0.28	0.15		ppbV	1	9/2/2010 1:35:00 AM
Acetone	17	3.0		ppbV	10	9/3/2010 7:56:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Benzene	0.30	0.15		ppbV	1	9/2/2010 1:35:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Carbon disulfide	0.18	0.15		ppbV	1	9/2/2010 1:35:00 AM
Carbon tetrachloride	0.61	0.15		ppbV	1	9/2/2010 1:35:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Chloroform	0.25	0.15		ppbV	1	9/2/2010 1:35:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Cyclohexane	1.8	0.15		ppbV	1	9/2/2010 1:35:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO86-SS-05N
Lab Order:	C1008067	**Tag Number:**	191,121
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/2/2010 1:35:00 AM
Ethylbenzene	0.55	0.15		ppbV	1	9/2/2010 1:35:00 AM
Freon 11	0.80	0.15		ppbV	1	9/2/2010 1:35:00 AM
Freon 113	100	40		ppbV	270	9/3/2010 10:59:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Freon 12	0.89	0.15		ppbV	1	9/2/2010 1:35:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Hexane	0.83	0.15		ppbV	1	9/2/2010 1:35:00 AM
Isopropyl alcohol	43	40		ppbV	270	9/3/2010 10:59:00 AM
m&p-Xylene	1.7	0.30		ppbV	1	9/2/2010 1:35:00 AM
Methyl Butyl Ketone	0.64	0.30		ppbV	1	9/2/2010 1:35:00 AM
Methyl Ethyl Ketone	1.8	0.30		ppbV	1	9/2/2010 1:35:00 AM
Methyl Isobutyl Ketone	0.68	0.30		ppbV	1	9/2/2010 1:35:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Methylene chloride	0.25	0.15		ppbV	1	9/2/2010 1:35:00 AM
o-Xylene	0.63	0.15		ppbV	1	9/2/2010 1:35:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Toluene	3.9	1.5		ppbV	10	9/3/2010 7:56:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Trichloroethene	3.4	1.5		ppbV	10	9/3/2010 7:56:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/2/2010 1:35:00 AM
Surr: Bromofluorobenzene	117	70-130		%REC	1	9/2/2010 1:35:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO86-IA-05N
Lab Order:	C1008067	**Tag Number:**	195,305
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 12:15:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 12:15:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 12:15:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 12:15:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:15:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 12:15:00 AM
1,2,4-Trimethylbenzene	9.3	0.75		ug/m3	1	8/31/2010 12:15:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 12:15:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:15:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 12:15:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 12:15:00 AM
1,3,5-Trimethylbenzene	2.5	0.75		ug/m3	1	8/31/2010 12:15:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 12:15:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:15:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:15:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 12:15:00 AM
2,2,4-trimethylpentane	1.6	0.71		ug/m3	1	8/31/2010 12:15:00 AM
4-ethyltoluene	2.0	0.75		ug/m3	1	8/31/2010 12:15:00 AM
Acetone	32	3.6	E	ug/m3	5	8/31/2010 6:27:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 12:15:00 AM
Benzene	0.75	0.49		ug/m3	1	8/31/2010 12:15:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 12:15:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 12:15:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 12:15:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 12:15:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 12:15:00 AM
Carbon tetrachloride	0.51	0.26		ug/m3	1	8/31/2010 12:15:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 12:15:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 12:15:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 12:15:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 12:15:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:15:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 12:15:00 AM
Cyclohexane	4.4	0.52		ug/m3	1	8/31/2010 12:15:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 12:15:00 AM
Ethyl acetate	4.3	0.92		ug/m3	1	8/31/2010 12:15:00 AM
Ethylbenzene	3.2	0.66		ug/m3	1	8/31/2010 12:15:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 12:15:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO86-IA-05N
Lab Order:	C1008067	**Tag Number:**	195,305
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 12:15:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 12:15:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 12:15:00 AM
Heptane	1.4	0.62		ug/m3	1	8/31/2010 12:15:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 12:15:00 AM
Hexane	8.4	2.7		ug/m3	5	8/31/2010 6:27:00 PM
Isopropyl alcohol	280	1.9	E	ug/m3	5	8/31/2010 6:27:00 PM
m&p-Xylene	9.5	1.3		ug/m3	1	8/31/2010 12:15:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 12:15:00 AM
Methyl Ethyl Ketone	11	4.5		ug/m3	5	8/31/2010 6:27:00 PM
Methyl Isobutyl Ketone	3.2	1.2		ug/m3	1	8/31/2010 12:15:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 12:15:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 12:15:00 AM
o-Xylene	3.5	0.66		ug/m3	1	8/31/2010 12:15:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 12:15:00 AM
Styrene	1.8	0.65		ug/m3	1	8/31/2010 12:15:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 12:15:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 12:15:00 AM
Toluene	28	2.9		ug/m3	5	8/31/2010 6:27:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:15:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 12:15:00 AM
Trichloroethene	1.3	0.22		ug/m3	1	8/31/2010 12:15:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 12:15:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 12:15:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 12:15:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO86-IA-05N
Lab Order:	C1008067	**Tag Number:**	195,305
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,2,4-Trimethylbenzene	1.9	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,3,5-Trimethylbenzene	0.51	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 12:15:00 AM
2,2,4-trimethylpentane	0.34	0.15		ppbV	1	8/31/2010 12:15:00 AM
4-ethyltoluene	0.40	0.15		ppbV	1	8/31/2010 12:15:00 AM
Acetone	13	1.5	E	ppbV	5	8/31/2010 6:27:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Benzene	0.23	0.15		ppbV	1	8/31/2010 12:15:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Carbon tetrachloride	0.080	0.040		ppbV	1	8/31/2010 12:15:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Cyclohexane	1.2	0.15		ppbV	1	8/31/2010 12:15:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO86-IA-05N
Lab Order:	C1008067	**Tag Number:**	195,305
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.2	0.25		ppbV	1	8/31/2010 12:15:00 AM
Ethylbenzene	0.73	0.15		ppbV	1	8/31/2010 12:15:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Heptane	0.34	0.15		ppbV	1	8/31/2010 12:15:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Hexane	2.4	0.75		ppbV	5	8/31/2010 6:27:00 PM
Isopropyl alcohol	110	0.75	E	ppbV	5	8/31/2010 6:27:00 PM
m&p-Xylene	2.2	0.30		ppbV	1	8/31/2010 12:15:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 12:15:00 AM
Methyl Ethyl Ketone	3.8	1.5		ppbV	5	8/31/2010 6:27:00 PM
Methyl Isobutyl Ketone	0.76	0.30		ppbV	1	8/31/2010 12:15:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
o-Xylene	0.79	0.15		ppbV	1	8/31/2010 12:15:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Styrene	0.41	0.15		ppbV	1	8/31/2010 12:15:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Toluene	7.4	0.75		ppbV	5	8/31/2010 6:27:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Trichloroethene	0.23	0.040		ppbV	1	8/31/2010 12:15:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 12:15:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 12:15:00 AM
Surr: Bromofluorobenzene	115	70-130		%REC	1	8/31/2010 12:15:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO90-IA-05N
Lab Order:	C1008067	**Tag Number:**	83,259
Project:	AFP 59 60160780.08	**Collectiou Date:**	8/27/2010
Lab ID:	C1008067-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 12:50:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 12:50:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 12:50:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 12:50:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:50:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 12:50:00 AM
1,2,4-Trimethylbenzene	8.2	3.7		ug/m3	5	8/31/2010 7:04:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 12:50:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:50:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 12:50:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 12:50:00 AM
1,3,5-Trimethylbenzene	2.5	0.75		ug/m3	1	8/31/2010 12:50:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 12:50:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:50:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 12:50:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 12:50:00 AM
2,2,4-trimethylpentane	1.5	0.71		ug/m3	1	8/31/2010 12:50:00 AM
4-ethyltoluene	2.6	0.75		ug/m3	1	8/31/2010 12:50:00 AM
Acetone	18	3.6		ug/m3	5	8/31/2010 7:04:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 12:50:00 AM
Benzene	0.91	0.49		ug/m3	1	8/31/2010 12:50:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 12:50:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 12:50:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 12:50:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 12:50:00 AM
Carbon disulfide	2.1	0.47		ug/m3	1	8/31/2010 12:50:00 AM
Carbon tetrachloride	0.51	0.26		ug/m3	1	8/31/2010 12:50:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 12:50:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 12:50:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 12:50:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 12:50:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:50:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 12:50:00 AM
Cyclohexane	5.3	0.52		ug/m3	1	8/31/2010 12:50:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 12:50:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 12:50:00 AM
Ethylbenzene	3.6	0.66		ug/m3	1	8/31/2010 12:50:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 12:50:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO90-IA-05N
Lab Order:	C1008067	**Tag Number:**	83,259
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 12:50:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 12:50:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 12:50:00 AM
Heptane	1.6	0.62		ug/m3	1	8/31/2010 12:50:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 12:50:00 AM
Hexane	5.4	0.54		ug/m3	1	8/31/2010 12:50:00 AM
Isopropyl alcohol	160	1.9	E	ug/m3	5	8/31/2010 7:04:00 PM
m&p-Xylene	11	1.3		ug/m3	1	8/31/2010 12:50:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 12:50:00 AM
Methyl Ethyl Ketone	9.4	4.5		ug/m3	5	8/31/2010 7:04:00 PM
Methyl Isobutyl Ketone	3.4	1.2		ug/m3	1	8/31/2010 12:50:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 12:50:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 12:50:00 AM
o-Xylene	4.2	0.66		ug/m3	1	8/31/2010 12:50:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 12:50:00 AM
Styrene	1.9	0.65		ug/m3	1	8/31/2010 12:50:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 12:50:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 12:50:00 AM
Toluene	21	2.9		ug/m3	5	8/31/2010 7:04:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 12:50:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 12:50:00 AM
Trichloroethene	0.82	0.22		ug/m3	1	8/31/2010 12:50:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 12:50:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 12:50:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 12:50:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO90-IA-05N
Lab Order:	C1008067	**Tag Number:**	83,259
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,2,4-Trimethylbenzene	1.6	0.75		ppbV	5	8/31/2010 7:04:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,3,5-Trimethylbenzene	0.50	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 12:50:00 AM
2,2,4-trimethylpentane	0.32	0.15		ppbV	1	8/31/2010 12:50:00 AM
4-ethyltoluene	0.53	0.15		ppbV	1	8/31/2010 12:50:00 AM
Acetone	7.4	1.5		ppbV	5	8/31/2010 7:04:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Benzene	0.28	0.15		ppbV	1	8/31/2010 12:50:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Carbon disulfide	0.66	0.15		ppbV	1	8/31/2010 12:50:00 AM
Carbon tetrachloride	0.080	0.040		ppbV	1	8/31/2010 12:50:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Cyclohexane	1.5	0.15		ppbV	1	8/31/2010 12:50:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO90-IA-05N
Lab Order:	C1008067	**Tag Number:**	83,259
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 12:50:00 AM
Ethylbenzene	0.81	0.15		ppbV	1	8/31/2010 12:50:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Heptane	0.39	0.15		ppbV	1	8/31/2010 12:50:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Hexane	1.5	0.15		ppbV	1	8/31/2010 12:50:00 AM
Isopropyl alcohol	63	0.75	E	ppbV	5	8/31/2010 7:04:00 PM
m&p-Xylene	2.5	0.30		ppbV	1	8/31/2010 12:50:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 12:50:00 AM
Methyl Ethyl Ketone	3.2	1.5		ppbV	5	8/31/2010 7:04:00 PM
Methyl Isobutyl Ketone	0.81	0.30		ppbV	1	8/31/2010 12:50:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
o-Xylene	0.96	0.15		ppbV	1	8/31/2010 12:50:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Styrene	0.43	0.15		ppbV	1	8/31/2010 12:50:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Toluene	5.6	0.75		ppbV	5	8/31/2010 7:04:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Trichloroethene	0.15	0.040		ppbV	1	8/31/2010 12:50:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 12:50:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 12:50:00 AM
Surr: Bromofluorobenzene	112	70-130		%REC	1	8/31/2010 12:50:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SLO90-SS-05N
Lab Order:	C1008067	**Tag Number:**	335,63
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008067-017A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS			**FLD**			Analyst:
Lab Vacuum In	-28			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

AECOM
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Chain of Custody

AECOM

PAGE 1 OF 2

Laboratory: Centek Laboratories
Address: 143 Midler Park Drive
City: Syracuse | State: NY | Zip Code: 13206
ERPIMS Information

Project Name: AFP 59 Vapor Intrusion Study
Point of Contact / Phone No.: Devon Chicoine (703) 706-0544
Site Contact / Phone No.: Drew Foley (734) 748-2883

Analysis: VOCs (TO-15)
Chain of Custody No.: AFP59-2
Comments:

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #	
SL072	SL072-IA005 N	8/27/10	1829/1635	AIR	367	155	1
↓	SL072-SS005 N		1829/1635		284	153	1
↓	SL072-SS005 D		1829/1635		318	404	1
SL064	SL064-IA005 N		1844/1644		142	177	1
↓	SL064-SS005 N		1843/1644		222	382	1
SL065	SL065-IA005 N		1854/1653		87	176	1
↓	SL065-SS005 N		1853/1653		563	56	1
SL066	SL066-IA005 N		1910/1701		415	454	1
↓	SL066-SS005 N		1909/1701		476	65	1
↓	SL066-SS005 D		1909/1701		417	111	1
SL095	SL095-IA005 N		1917/1715		413	255	1
↓	SL095-SS005 N		1919/1715		463	262	1
SL103	SL103-SS005 N		1930/1724	↓	94	387	1

Detection Limit
___ 5ppbv
___ 1ug/M3
_X_ 1ug/M3+TCE .25

Report Level
___ Level 1
___ Level II
_X_ Cat"B" Like

C1008068

		Date	Time
1. Relinquished By / Company: Julia A. Jones / AECOM	1. Received By/Company	8/30/10	
2. Relinquished By / Company	2. Received By/Company	Date	Time
3. Relinquished By / Company	3. Received By/Company	Date	Time
4. Relinquished By / Company	4. Received By/Company	Date	Time
5. Relinquished By / Company	5. Received By/Company	Date	Time
Comments		Date	Time

Centek laboratories, LLC

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Chain of Custody

AECOM

PAGE 2 OF 2

Laboratory: Centek Laboratories

Address: 143 Midler Park Drive

City: Syracuse | State: NY | Zip Code: 13206

ERPIMS Information

Project Name: AFP 59 Vapor Intrusion Study

Point of Contact / Phone No.: Devon Chicoine (703) 706-0544

Site Contact / Phone No.: Drew Foley (734) 748-2883

Analysis: VOCs (TO-15)

Chain of Custody No.: AFP59-2

Comments:

LOCID	Sample I.D.	Date	Vacuum Start/Stop	Matrix	Canister #	Regulator #		
SL103	SL103-IA0805N	8/27/10	1930/1724	AIR	564	394	1	
SL109	SL109-IA0805N	↓	1959/1745	↓	197	82	1	
↓	SL109-SS0805N	↓	1958/1745	↓	430	374	1	

1.5E 8/28/10

Detection Limit
___ 5ppbv
___ 1ug/M3
X 1ug/M3+TCE .25

Report Level
___ Level 1
___ Level II
X Cat"B" Like

C1008068

		Date	Time		Date	Time
1. Relinquished By / Company	/ AECOM	8/29/10	1600	1. Received By/Company		
2. Relinquished By / Company		Date	Time	2. Received By/Company	8/30/10	Time
3. Relinquished By / Company		Date	Time	3. Received By/Company	Date	Time
4. Relinquished By / Company		Date	Time	4. Received By/Company	Date	Time
Comments		Date	Time	5. Received By/Company	Date	Time

Centek laboratories, LLC

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-001A

Client Sample ID: SL072-IA-05N
Tag Number: 367,155
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,2,4-Trimethylbenzene	2.0	0.75		ppbV	5	8/31/2010 7:40:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,3,5-Trimethylbenzene	0.60	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 1:26:00 AM
2,2,4-trimethylpentane	0.54	0.15		ppbV	1	8/31/2010 1:26:00 AM
4-ethyltoluene	0.50	0.15		ppbV	1	8/31/2010 1:26:00 AM
Acetone	7.5	1.5		ppbV	5	8/31/2010 7:40:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Benzene	0.33	0.15		ppbV	1	8/31/2010 1:26:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Carbon tetrachloride	0.080	0.040		ppbV	1	8/31/2010 1:26:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Cyclohexane	1.5	0.15		ppbV	1	8/31/2010 1:26:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-001A

Client Sample ID: SL072-IA-05N
Tag Number: 367,155
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	2.0	0.25		ppbV	1	8/31/2010 1:26:00 AM
Ethylbenzene	0.88	0.15		ppbV	1	8/31/2010 1:26:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Heptane	0.53	0.15		ppbV	1	8/31/2010 1:26:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Hexane	2.9	0.75		ppbV	5	8/31/2010 7:40:00 PM
Isopropyl alcohol	14	0.75	E	ppbV	5	8/31/2010 7:40:00 PM
m&p-Xylene	2.5	0.30		ppbV	1	8/31/2010 1:26:00 AM
Methyl Butyl Ketone	0.11	0.30	J	ppbV	1	8/31/2010 1:26:00 AM
Methyl Ethyl Ketone	3.6	1.5		ppbV	5	8/31/2010 7:40:00 PM
Methyl Isobutyl Ketone	0.92	0.30		ppbV	1	8/31/2010 1:26:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
o-Xylene	1.0	0.15		ppbV	1	8/31/2010 1:26:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Styrene	0.52	0.15		ppbV	1	8/31/2010 1:26:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Toluene	5.4	0.75		ppbV	5	8/31/2010 7:40:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Trichloroethene	0.21	0.040		ppbV	1	8/31/2010 1:26:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 1:26:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 1:26:00 AM
Surr: Bromofluorobenzene	114	70-130		%REC	1	8/31/2010 1:26:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-001A

Client Sample ID: SL072-IA-05N
Tag Number: 367,155
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 1:26:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 1:26:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 1:26:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 1:26:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 1:26:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 1:26:00 AM
1,2,4-Trimethylbenzene	9.7	3.7		ug/m3	5	8/31/2010 7:40:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 1:26:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 1:26:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 1:26:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 1:26:00 AM
1,3,5-Trimethylbenzene	3.0	0.75		ug/m3	1	8/31/2010 1:26:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 1:26:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 1:26:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 1:26:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 1:26:00 AM
2,2,4-trimethylpentane	2.6	0.71		ug/m3	1	8/31/2010 1:26:00 AM
4-ethyltoluene	2.5	0.75		ug/m3	1	8/31/2010 1:26:00 AM
Acetone	18	3.6		ug/m3	5	8/31/2010 7:40:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 1:26:00 AM
Benzene	1.1	0.49		ug/m3	1	8/31/2010 1:26:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 1:26:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 1:26:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 1:26:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 1:26:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 1:26:00 AM
Carbon tetrachloride	0.51	0.26		ug/m3	1	8/31/2010 1:26:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 1:26:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 1:26:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 1:26:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 1:26:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 1:26:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 1:26:00 AM
Cyclohexane	5.2	0.52		ug/m3	1	8/31/2010 1:26:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 1:26:00 AM
Ethyl acetate	7.3	0.92		ug/m3	1	8/31/2010 1:26:00 AM
Ethylbenzene	3.9	0.66		ug/m3	1	8/31/2010 1:26:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 1:26:00 AM

Qualifiers:

- ****** Reporting Limit
- **B** Analyte detected in the associated Method Blank
- **H** Holding times for preparation or analysis exceeded
- **JN** Non-routine analyte. Quantitation estimated.
- **S** Spike Recovery outside accepted recovery limits
- **.** Results reported are not blank corrected
- **E** Value above quantitation range
- **J** Analyte detected at or below quantitation limits
- **ND** Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-001A

Client Sample ID: SL072-IA-05N
Tag Number: 367,155
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 1:26:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 1:26:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 1:26:00 AM
Heptane	2.2	0.62		ug/m3	1	8/31/2010 1:26:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 1:26:00 AM
Hexane	10	2.7		ug/m3	5	8/31/2010 7:40:00 PM
Isopropyl alcohol	34	1.9	E	ug/m3	5	8/31/2010 7:40:00 PM
m&p-Xylene	11	1.3		ug/m3	1	8/31/2010 1:26:00 AM
Methyl Butyl Ketone	0.46	1.2	J	ug/m3	1	8/31/2010 1:26:00 AM
Methyl Ethyl Ketone	11	4.5		ug/m3	5	8/31/2010 7:40:00 PM
Methyl Isobutyl Ketone	3.8	1.2		ug/m3	1	8/31/2010 1:26:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 1:26:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 1:26:00 AM
o-Xylene	4.5	0.66		ug/m3	1	8/31/2010 1:26:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 1:26:00 AM
Styrene	2.3	0.65		ug/m3	1	8/31/2010 1:26:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 1:26:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 1:26:00 AM
Toluene	21	2.9		ug/m3	5	8/31/2010 7:40:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 1:26:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 1:26:00 AM
Trichloroethene	1.1	0.22		ug/m3	1	8/31/2010 1:26:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 1:26:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 1:26:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 1:26:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-002A

Client Sample ID: SL072-SS-05N
Tag Number: 284,153
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				
Lab Vacuum In	-8			"Hg		Analyst:
Lab Vacuum Out	-30			"Hg		8/30/2010
						8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	7.7	1.5		ppbV	10	9/2/2010 7:51:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,2,4-Trimethylbenzene	5.6	1.5		ppbV	10	9/2/2010 7:51:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,2-Dichloropropane	2.1	1.5		ppbV	10	9/2/2010 7:51:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,3-Dichlorobenzene	< 0.30	0.30		ppbV	1	9/1/2010 7:23:00 AM
1,4-Dichlorobenzene	0.28	0.15		ppbV	1	9/1/2010 7:23:00 AM
1,4-Dioxane	1.7	1.5		ppbV	10	9/2/2010 7:51:00 AM
2,2,4-trimethylpentane	28	3.0	E	ppbV	10	9/2/2010 7:51:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Acetone	1.0	0.15		ppbV	1	9/1/2010 7:23:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Benzene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Carbon disulfide	0.39	0.15		ppbV	1	9/1/2010 7:23:00 AM
Carbon tetrachloride	0.13	0.15	J	ppbV	1	9/1/2010 7:23:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Chloroform	0.23	0.15		ppbV	1	9/1/2010 7:23:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
cis-1,2-Dichloroethene	1.7	0.15		ppbV	1	9/1/2010 7:23:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Cyclohexane	1.1	0.15		ppbV	1	9/1/2010 7:23:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-002A

Client Sample ID: SL072-SS-05N
Tag Number: 284,153
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.5	0.25		ppbV	1	9/1/2010 7:23:00 AM
Ethylbenzene	2.6	1.5		ppbV	10	9/2/2010 7:51:00 AM
Freon 11	0.62	0.15		ppbV	1	9/1/2010 7:23:00 AM
Freon 113	0.24	0.15		ppbV	1	9/1/2010 7:23:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Freon 12	1.2	0.15		ppbV	1	9/1/2010 7:23:00 AM
Heptane	0.87	0.15		ppbV	1	9/1/2010 7:23:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Hexane	0.84	0.15		ppbV	1	9/1/2010 7:23:00 AM
Isopropyl alcohol	33	1.5	E	ppbV	10	9/2/2010 7:51:00 AM
m&p-Xylene	7.9	3.0		ppbV	10	9/2/2010 7:51:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 7:23:00 AM
Methyl Ethyl Ketone	1.6	0.30		ppbV	1	9/1/2010 7:23:00 AM
Methyl Isobutyl Ketone	0.66	0.30		ppbV	1	9/1/2010 7:23:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Methylene chloride	1.9	0.15		ppbV	1	9/1/2010 7:23:00 AM
o-Xylene	2.6	1.5		ppbV	10	9/2/2010 7:51:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Tetrachloroethylene	0.40	0.15		ppbV	1	9/1/2010 7:23:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Toluene	13	1.5		ppbV	10	9/2/2010 7:51:00 AM
trans-1,2-Dichloroethene	0.26	0.15		ppbV	1	9/1/2010 7:23:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Trichloroethene	14	1.5		ppbV	10	9/2/2010 7:51:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 7:23:00 AM
Vinyl chloride	0.18	0.15		ppbV	1	9/1/2010 7:23:00 AM
Surr: Bromofluorobenzene	110	70-130		%REC	1	9/1/2010 7:23:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-002A

Client Sample ID: SL072-SS-05N
Tag Number: 284,153
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	43	8.3		ug/m3	10	9/2/2010 7:51:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:23:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 7:23:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 7:23:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:23:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 7:23:00 AM
1,2,4-Trimethylbenzene	28	7.5		ug/m3	10	9/2/2010 7:51:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 7:23:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:23:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 7:23:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 7:23:00 AM
1,3,5-Trimethylbenzene	10	7.5		ug/m3	10	9/2/2010 7:51:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 7:23:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:23:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:23:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 7:23:00 AM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	9/1/2010 7:23:00 AM
4-ethyltoluene	8.5	7.5		ug/m3	1	9/1/2010 7:23:00 AM
Acetone	67	7.2	E	ug/m3	10	9/2/2010 7:51:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	10	9/2/2010 7:51:00 AM
Benzene	3.4	0.49		ug/m3	1	9/1/2010 7:23:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 7:23:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:23:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 7:23:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 7:23:00 AM
Carbon disulfide	1.2	0.47		ug/m3	1	9/1/2010 7:23:00 AM
Carbon tetrachloride	0.83	0.96	J	ug/m3	1	9/1/2010 7:23:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 7:23:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 7:23:00 AM
Chloroform	1.1	0.74		ug/m3	1	9/1/2010 7:23:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 7:23:00 AM
cis-1,2-Dichloroethene	7.0	0.60		ug/m3	1	9/1/2010 7:23:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:23:00 AM
Cyclohexane	3.7	0.52		ug/m3	1	9/1/2010 7:23:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 7:23:00 AM
Ethyl acetate	5.4	0.92		ug/m3	1	9/1/2010 7:23:00 AM
Ethylbenzene	11	6.6		ug/m3	1	9/1/2010 7:23:00 AM
Freon 11	3.5	0.86		ug/m3	10	9/2/2010 7:51:00 AM
					1	9/1/2010 7:23:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-002A

Client Sample ID: SL072-SS-05N
Tag Number: 284,153
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	1.9	1.2		ug/m3	1	9/1/2010 7:23:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 7:23:00 AM
Freon 12	5.9	0.75		ug/m3	1	9/1/2010 7:23:00 AM
Heptane	3.6	0.62		ug/m3	1	9/1/2010 7:23:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 7:23:00 AM
Hexane	3.0	0.54		ug/m3	1	9/1/2010 7:23:00 AM
Isopropyl alcohol	82	3.7	E	ug/m3	10	9/2/2010 7:51:00 AM
m&p-Xylene	35	13		ug/m3	10	9/2/2010 7:51:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 7:23:00 AM
Methyl Ethyl Ketone	4.8	0.90		ug/m3	1	9/1/2010 7:23:00 AM
Methyl Isobutyl Ketone	2.7	1.2		ug/m3	1	9/1/2010 7:23:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 7:23:00 AM
Methylene chloride	6.7	0.53		ug/m3	1	9/1/2010 7:23:00 AM
o-Xylene	11	6.6		ug/m3	10	9/2/2010 7:51:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 7:23:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 7:23:00 AM
Tetrachloroethylene	2.8	1.0		ug/m3	1	9/1/2010 7:23:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 7:23:00 AM
Toluene	49	5.7		ug/m3	10	9/2/2010 7:51:00 AM
trans-1,2-Dichloroethene	1.0	0.60		ug/m3	1	9/1/2010 7:23:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:23:00 AM
Trichloroethene	76	8.2		ug/m3	10	9/2/2010 7:51:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 7:23:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 7:23:00 AM
Vinyl chloride	0.47	0.39		ug/m3	1	9/1/2010 7:23:00 AM

Qualifiers:

- ****** Reporting Limit
- **B** Analyte detected in the associated Method Blank
- **H** Holding times for preparation or analysis exceeded
- **JN** Non-routine analyte. Quantitation estimated.
- **S** Spike Recovery outside accepted recovery limits
- **.** Results reported are not blank corrected
- **E** Value above quantitation range
- **J** Analyte detected at or below quantitation limits
- **ND** Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM		
Lab Order:	C1008068	**Client Sample ID:**	SL072-SS-05D
Project:	AFP 59 60160780.08	**Tag Number:**	318,404
Lab ID:	C1008068-003A	**Collection Date:**	8/27/2010
Analyses		**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-25			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	1.4	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,2,4-Trimethylbenzene	0.93	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,3,5-Trimethylbenzene	0.28	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 7:58:00 AM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	9/1/2010 7:58:00 AM
4-ethyltoluene	0.17	0.15		ppbV	1	9/1/2010 7:58:00 AM
Acetone	27	1.5	E	ppbV	1	9/1/2010 7:58:00 AM
Allyl chloride	< 0.15	0.15		ppbV	5	9/2/2010 8:25:00 AM
Benzene	0.33	0.15		ppbV	1	9/1/2010 7:58:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Carbon tetrachloride	0.11	0.15	J	ppbV	1	9/1/2010 7:58:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Cyclohexane	0.84	0.15		ppbV	1	9/1/2010 7:58:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-003A

Client Sample ID: SL072-SS-05D
Tag Number: 318,404
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 7:58:00 AM
Ethylbenzene	0.40	0.15		ppbV	1	9/1/2010 7:58:00 AM
Freon 11	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Freon 113	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Freon 12	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Heptane	0.69	0.15		ppbV	1	9/1/2010 7:58:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Isopropyl alcohol	24	0.75	E	ppbV	5	9/2/2010 8:25:00 AM
m&p-Xylene	1.3	0.30		ppbV	1	9/1/2010 7:58:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 7:58:00 AM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 7:58:00 AM
Methyl Isobutyl Ketone	1.6	0.30		ppbV	1	9/1/2010 7:58:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
o-Xylene	0.43	0.15		ppbV	1	9/1/2010 7:58:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Styrene	0.37	0.15		ppbV	1	9/1/2010 7:58:00 AM
Tetrachloroethylene	0.14	0.15	J	ppbV	1	9/1/2010 7:58:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Toluene	3.6	0.75		ppbV	5	9/2/2010 8:25:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Trichloroethene	0.89	0.15		ppbV	1	9/1/2010 7:58:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 7:58:00 AM
Surr: Bromofluorobenzene	102	70-130		%REC	1	9/1/2010 7:58:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-003A

Client Sample ID: SL072-SS-05D
Tag Number: 318,404
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	7.7	0.83		ug/m3	1	9/1/2010 7:58:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:58:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 7:58:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 7:58:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:58:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 7:58:00 AM
1,2,4-Trimethylbenzene	4.6	0.75		ug/m3	1	9/1/2010 7:58:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 7:58:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:58:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 7:58:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 7:58:00 AM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	9/1/2010 7:58:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 7:58:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:58:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 7:58:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 7:58:00 AM
2,2,4-trimethylpentane	0.66	0.71	J	ug/m3	1	9/1/2010 7:58:00 AM
4-ethyltoluene	0.85	0.75		ug/m3	1	9/1/2010 7:58:00 AM
Acetone	65	3.6	E	ug/m3	5	9/2/2010 8:25:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 7:58:00 AM
Benzene	1.1	0.49		ug/m3	1	9/1/2010 7:58:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 7:58:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 7:58:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 7:58:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 7:58:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/1/2010 7:58:00 AM
Carbon tetrachloride	0.70	0.96	J	ug/m3	1	9/1/2010 7:58:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 7:58:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 7:58:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 7:58:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 7:58:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:58:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:58:00 AM
Cyclohexane	2.9	0.52		ug/m3	1	9/1/2010 7:58:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 7:58:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 7:58:00 AM
Ethylbenzene	1.8	0.66		ug/m3	1	9/1/2010 7:58:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	9/1/2010 7:58:00 AM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-003A

Client Sample ID: SL072-SS-05D
Tag Number: 318,404
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 113	< 1.2	1.2		ug/m3	1	9/1/2010 7:58:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 7:58:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	9/1/2010 7:58:00 AM
Heptane	2.9	0.62		ug/m3	1	9/1/2010 7:58:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 7:58:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 7:58:00 AM
Isopropyl alcohol	61	1.9	E	ug/m3	5	9/2/2010 8:25:00 AM
m&p-Xylene	5.6	1.3		ug/m3	1	9/1/2010 7:58:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 7:58:00 AM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	9/1/2010 7:58:00 AM
Methyl Isobutyl Ketone	6.7	1.2		ug/m3	1	9/1/2010 7:58:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 7:58:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	9/1/2010 7:58:00 AM
o-Xylene	1.9	0.66		ug/m3	1	9/1/2010 7:58:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 7:58:00 AM
Styrene	1.6	0.65		ug/m3	1	9/1/2010 7:58:00 AM
Tetrachloroethylene	0.97	1.0	J	ug/m3	1	9/1/2010 7:58:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 7:58:00 AM
Toluene	14	2.9		ug/m3	5	9/2/2010 8:25:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 7:58:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 7:58:00 AM
Trichloroethene	4.9	0.82		ug/m3	1	9/1/2010 7:58:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 7:58:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 7:58:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 7:58:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL064-IA-05N
Lab Order:	C1008068	**Tag Number:**	142,177
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	6.3	1.5		ppbV	10	9/2/2010 11:08:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,2,4-Trimethylbenzene	0.87	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,3,5-Trimethylbenzene	0.29	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 8:34:00 AM
2,2,4-trimethylpentane	0.17	0.15		ppbV	1	9/1/2010 8:34:00 AM
4-ethyltoluene	0.12	0.15	J	ppbV	1	9/1/2010 8:34:00 AM
Acetone	8.3	3.0		ppbV	10	9/2/2010 11:08:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Benzene	0.18	0.15		ppbV	1	9/1/2010 8:34:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Carbon disulfide	0.14	0.15	J	ppbV	1	9/1/2010 8:34:00 AM
Carbon tetrachloride	0.20	0.040		ppbV	1	9/1/2010 8:34:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Chloroform	0.21	0.15		ppbV	1	9/1/2010 8:34:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Cyclohexane	0.61	0.15		ppbV	1	9/1/2010 8:34:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-004A

Client Sample ID: SL064-IA-05N
Tag Number: 142,177
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.63	0.25		ppbV	1	9/1/2010 8:34:00 AM
Ethylbenzene	0.22	0.15		ppbV	1	9/1/2010 8:34:00 AM
Freon 11	0.56	0.15		ppbV	1	9/1/2010 8:34:00 AM
Freon 113	0.30	0.15		ppbV	1	9/1/2010 8:34:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Freon 12	0.68	0.15		ppbV	1	9/1/2010 8:34:00 AM
Heptane	0.46	0.15		ppbV	1	9/1/2010 8:34:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Hexane	0.33	0.15		ppbV	1	9/1/2010 8:34:00 AM
Isopropyl alcohol	23	1.5		ppbV	10	9/2/2010 11:08:00 PM
m&p-Xylene	0.65	0.30		ppbV	1	9/1/2010 8:34:00 AM
Methyl Butyl Ketone	0.25	0.30	J	ppbV	1	9/1/2010 8:34:00 AM
Methyl Ethyl Ketone	0.91	0.30		ppbV	1	9/1/2010 8:34:00 AM
Methyl Isobutyl Ketone	2.1	0.30		ppbV	1	9/1/2010 8:34:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Methylene chloride	0.30	0.15		ppbV	1	9/1/2010 8:34:00 AM
o-Xylene	0.34	0.15		ppbV	1	9/1/2010 8:34:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Styrene	0.36	0.15		ppbV	1	9/1/2010 8:34:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Toluene	1.7	0.15		ppbV	1	9/1/2010 8:34:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Trichloroethene	0.67	0.040		ppbV	1	9/1/2010 8:34:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 8:34:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	9/1/2010 8:34:00 AM
Surr: Bromofluorobenzene	95.0	70-130		%REC	1	9/1/2010 8:34:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL064-IA-05N
Lab Order:	C1008068	**Tag Number:**	142,177
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	35	8.3		ug/m3	10	9/2/2010 11:08:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 8:34:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 8:34:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 8:34:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:34:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 8:34:00 AM
1,2,4-Trimethylbenzene	4.3	0.75		ug/m3	1	9/1/2010 8:34:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 8:34:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:34:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 8:34:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 8:34:00 AM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	9/1/2010 8:34:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 8:34:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:34:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 8:34:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 8:34:00 AM
2,2,4-trimethylpentane	0.81	0.71		ug/m3	1	9/1/2010 8:34:00 AM
4-ethyltoluene	0.60	0.75	J	ug/m3	1	9/1/2010 8:34:00 AM
Acetone	20	7.2		ug/m3	10	9/2/2010 11:08:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 8:34:00 AM
Benzene	0.58	0.49		ug/m3	1	9/1/2010 8:34:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 8:34:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 8:34:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 8:34:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 8:34:00 AM
Carbon disulfide	0.44	0.47	J	ug/m3	1	9/1/2010 8:34:00 AM
Carbon tetrachloride	1.3	0.26		ug/m3	1	9/1/2010 8:34:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 8:34:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 8:34:00 AM
Chloroform	1.0	0.74		ug/m3	1	9/1/2010 8:34:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 8:34:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:34:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 8:34:00 AM
Cyclohexane	2.1	0.52		ug/m3	1	9/1/2010 8:34:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 8:34:00 AM
Ethyl acetate	2.3	0.92		ug/m3	1	9/1/2010 8:34:00 AM
Ethylbenzene	0.97	0.66		ug/m3	1	9/1/2010 8:34:00 AM
Freon 11	3.2	0.86		ug/m3	1	9/1/2010 8:34:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL064-IA-05N
Lab Order:	C1008068	**Tag Number:**	142,177
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-004A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	2.3	1.2		ug/m3	1	9/1/2010 8:34:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 8:34:00 AM
Freon 12	3.4	0.75		ug/m3	1	9/1/2010 8:34:00 AM
Heptane	1.9	0.62		ug/m3	1	9/1/2010 8:34:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 8:34:00 AM
Hexane	1.2	0.54		ug/m3	1	9/1/2010 8:34:00 AM
Isopropyl alcohol	57	3.7		ug/m3	10	9/2/2010 11:08:00 PM
m&p-Xylene	2.9	1.3		ug/m3	1	9/1/2010 8:34:00 AM
Methyl Butyl Ketone	1.0	1.2	J	ug/m3	1	9/1/2010 8:34:00 AM
Methyl Ethyl Ketone	2.7	0.90		ug/m3	1	9/1/2010 8:34:00 AM
Methyl Isobutyl Ketone	8.7	1.2		ug/m3	1	9/1/2010 8:34:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 8:34:00 AM
Methylene chloride	1.1	0.53		ug/m3	1	9/1/2010 8:34:00 AM
o-Xylene	1.5	0.66		ug/m3	1	9/1/2010 8:34:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 8:34:00 AM
Styrene	1.6	0.65		ug/m3	1	9/1/2010 8:34:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 8:34:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 8:34:00 AM
Toluene	6.4	0.57		ug/m3	1	9/1/2010 8:34:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 8:34:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 8:34:00 AM
Trichloroethene	3.7	0.22		ug/m3	1	9/1/2010 8:34:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 8:34:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 8:34:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	9/1/2010 8:34:00 AM

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-005A

Client Sample ID: SL064-SS-05N
Tag Number: 222,382
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	8.4	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,1,2,2-Tetrachloroethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,1,2-Trichloroethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,1-Dichloroethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,1-Dichloroethene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,2,4-Trichlorobenzene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,2,4-Trimethylbenzene	5.2	3.0		ppbV	20	9/2/2010 9:32:00 AM
1,2-Dibromoethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,2-Dichlorobenzene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,2-Dichloroethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,2-Dichloropropane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,3,5-Trimethylbenzene	2.0	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,3-butadiene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,3-Dichlorobenzene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,4-Dichlorobenzene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
1,4-Dioxane	< 0.90	0.90		ppbV	3	9/1/2010 9:14:00 AM
2,2,4-trimethylpentane	0.54	0.45		ppbV	3	9/1/2010 9:14:00 AM
4-ethyltoluene	2.3	0.45		ppbV	3	9/1/2010 9:14:00 AM
Acetone	26	6.0		ppbV	20	9/2/2010 9:32:00 AM
Allyl chloride	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Benzene	2.8	0.45		ppbV	3	9/1/2010 9:14:00 AM
Benzyl chloride	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Bromodichloromethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Bromoform	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Bromomethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Carbon disulfide	1.1	0.45		ppbV	3	9/1/2010 9:14:00 AM
Carbon tetrachloride	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Chlorobenzene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Chloroethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Chloroform	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Chloromethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
cis-1,2-Dichloroethene	0.66	0.45		ppbV	3	9/1/2010 9:14:00 AM
cis-1,3-Dichloropropene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Cyclohexane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Dibromochloromethane	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-005A

Client Sample ID: SL064-SS-05N
Tag Number: 222,382
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethyl acetate	1.4	0.75		ppbV	3	9/1/2010 9:14:00 AM
Ethylbenzene	5.3	0.45		ppbV	3	9/1/2010 9:14:00 AM
Freon 11	1.1	0.45		ppbV	3	9/1/2010 9:14:00 AM
Freon 113	0.72	0.45		ppbV	3	9/1/2010 9:14:00 AM
Freon 114	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Freon 12	1.2	0.45		ppbV	3	9/1/2010 9:14:00 AM
Heptane	2.1	0.45		ppbV	3	9/1/2010 9:14:00 AM
Hexachloro-1,3-butadiene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Hexane	2.2	0.45		ppbV	3	9/1/2010 9:14:00 AM
Isopropyl alcohol	38	3.0		ppbV	20	9/2/2010 9:32:00 AM
m&p-Xylene	10	6.0		ppbV	20	9/2/2010 9:32:00 AM
Methyl Butyl Ketone	< 0.90	0.90		ppbV	3	9/1/2010 9:14:00 AM
Methyl Ethyl Ketone	2.9	0.90		ppbV	3	9/1/2010 9:14:00 AM
Methyl Isobutyl Ketone	< 0.90	0.90		ppbV	3	9/1/2010 9:14:00 AM
Methyl tert-butyl ether	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Methylene chloride	2.2	0.45		ppbV	3	9/1/2010 9:14:00 AM
o-Xylene	4.1	0.45		ppbV	3	9/1/2010 9:14:00 AM
Propylene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Styrene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Tetrachloroethylene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Tetrahydrofuran	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Toluene	23	3.0		ppbV	20	9/2/2010 9:32:00 AM
trans-1,2-Dichloroethene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
trans-1,3-Dichloropropene	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Trichloroethene	4.1	0.45		ppbV	3	9/1/2010 9:14:00 AM
Vinyl acetate	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Vinyl Bromide	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Vinyl chloride	< 0.45	0.45		ppbV	3	9/1/2010 9:14:00 AM
Surr: Bromofluorobenzene	109	70-130		%REC	3	9/1/2010 9:14:00 AM

NOTES:
* The reporting limits were raised due to limited amount of sample.

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM		
Lab Order:	C1008068	**Client Sample ID:**	SL064-SS-05N
Project:	AFP 59 60160780.08	**Tag Number:**	222,382
Lab ID:	C1008068-005A	**Collection Date:**	8/27/2010
		Matrix:	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	46	2.5		ug/m3	3	9/1/2010 9:14:00 AM
1,1,2,2-Tetrachloroethane	< 3.1	3.1		ug/m3	3	9/1/2010 9:14:00 AM
1,1,2-Trichloroethane	< 2.5	2.5		ug/m3	3	9/1/2010 9:14:00 AM
1,1-Dichloroethane	< 1.9	1.9		ug/m3	3	9/1/2010 9:14:00 AM
1,1-Dichloroethene	< 1.8	1.8		ug/m3	3	9/1/2010 9:14:00 AM
1,2,4-Trichlorobenzene	< 3.4	3.4		ug/m3	3	9/1/2010 9:14:00 AM
1,2,4-Trimethylbenzene	26	15		ug/m3	20	9/2/2010 9:32:00 AM
1,2-Dibromoethane	< 3.5	3.5		ug/m3	3	9/1/2010 9:14:00 AM
1,2-Dichlorobenzene	< 2.8	2.8		ug/m3	3	9/1/2010 9:14:00 AM
1,2-Dichloroethane	< 1.9	1.9		ug/m3	3	9/1/2010 9:14:00 AM
1,2-Dichloropropane	< 2.1	2.1		ug/m3	3	9/1/2010 9:14:00 AM
1,3,5-Trimethylbenzene	10	2.2		ug/m3	3	9/1/2010 9:14:00 AM
1,3-butadiene	< 1.0	1.0		ug/m3	3	9/1/2010 9:14:00 AM
1,3-Dichlorobenzene	< 2.8	2.8		ug/m3	3	9/1/2010 9:14:00 AM
1,4-Dichlorobenzene	< 2.8	2.8		ug/m3	3	9/1/2010 9:14:00 AM
1,4-Dioxane	< 3.3	3.3		ug/m3	3	9/1/2010 9:14:00 AM
2,2,4-trimethylpentane	2.6	2.1		ug/m3	3	9/1/2010 9:14:00 AM
4-ethyltoluene	11	2.2		ug/m3	3	9/1/2010 9:14:00 AM
Acetone	63	14		ug/m3	20	9/2/2010 9:32:00 AM
Allyl chloride	< 1.4	1.4		ug/m3	3	9/1/2010 9:14:00 AM
Benzene	9.0	1.5		ug/m3	3	9/1/2010 9:14:00 AM
Benzyl chloride	< 2.6	2.6		ug/m3	3	9/1/2010 9:14:00 AM
Bromodichloromethane	< 3.1	3.1		ug/m3	3	9/1/2010 9:14:00 AM
Bromoform	< 4.7	4.7		ug/m3	3	9/1/2010 9:14:00 AM
Bromomethane	< 1.8	1.8		ug/m3	3	9/1/2010 9:14:00 AM
Carbon disulfide	3.4	1.4		ug/m3	3	9/1/2010 9:14:00 AM
Carbon tetrachloride	< 2.9	2.9		ug/m3	3	9/1/2010 9:14:00 AM
Chlorobenzene	< 2.1	2.1		ug/m3	3	9/1/2010 9:14:00 AM
Chloroethane	< 1.2	1.2		ug/m3	3	9/1/2010 9:14:00 AM
Chloroform	< 2.2	2.2		ug/m3	3	9/1/2010 9:14:00 AM
Chloromethane	< 0.94	0.94		ug/m3	3	9/1/2010 9:14:00 AM
cis-1,2-Dichloroethene	2.7	1.8		ug/m3	3	9/1/2010 9:14:00 AM
cis-1,3-Dichloropropene	< 2.1	2.1		ug/m3	3	9/1/2010 9:14:00 AM
Cyclohexane	< 1.6	1.6		ug/m3	3	9/1/2010 9:14:00 AM
Dibromochloromethane	< 3.9	3.9		ug/m3	3	9/1/2010 9:14:00 AM
Ethyl acetate	5.3	2.7		ug/m3	3	9/1/2010 9:14:00 AM
Ethylbenzene	23	2.0		ug/m3	3	9/1/2010 9:14:00 AM
Freon 11	6.3	2.6		ug/m3	3	9/1/2010 9:14:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM		
Lab Order:	C1008068	**Client Sample ID:**	SL064-SS-05N
Project:	AFP 59 60160780.08	**Tag Number:**	222,382
Lab ID:	C1008068-005A	**Collection Date:**	8/27/2010
Analyses		**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	5.6	3.5		ug/m3	3	9/1/2010 9:14:00 AM
Freon 114	< 3.2	3.2		ug/m3	3	9/1/2010 9:14:00 AM
Freon 12	5.9	2.3		ug/m3	3	9/1/2010 9:14:00 AM
Heptane	8.6	1.9		ug/m3	3	9/1/2010 9:14:00 AM
Hexachloro-1,3-butadiene	< 4.9	4.9		ug/m3	3	9/1/2010 9:14:00 AM
Hexane	8.1	1.6		ug/m3	3	9/1/2010 9:14:00 AM
Isopropyl alcohol	95	7.5		ug/m3	20	9/2/2010 9:32:00 AM
m&p-Xylene	45	26		ug/m3	20	9/2/2010 9:32:00 AM
Methyl Butyl Ketone	< 3.7	3.7		ug/m3	3	9/1/2010 9:14:00 AM
Methyl Ethyl Ketone	8.8	2.7		ug/m3	3	9/1/2010 9:14:00 AM
Methyl Isobutyl Ketone	< 3.7	3.7		ug/m3	3	9/1/2010 9:14:00 AM
Methyl tert-butyl ether	< 1.6	1.6		ug/m3	3	9/1/2010 9:14:00 AM
Methylene chloride	7.9	1.6		ug/m3	3	9/1/2010 9:14:00 AM
o-Xylene	18	2.0		ug/m3	3	9/1/2010 9:14:00 AM
Propylene	< 0.79	0.79		ug/m3	3	9/1/2010 9:14:00 AM
Styrene	< 1.9	1.9		ug/m3	3	9/1/2010 9:14:00 AM
Tetrachloroethylene	< 3.1	3.1		ug/m3	3	9/1/2010 9:14:00 AM
Tetrahydrofuran	< 1.3	1.3		ug/m3	3	9/1/2010 9:14:00 AM
Toluene	88	11		ug/m3	20	9/2/2010 9:32:00 AM
trans-1,2-Dichloroethene	< 1.8	1.8		ug/m3	3	9/1/2010 9:14:00 AM
trans-1,3-Dichloropropene	< 2.1	2.1		ug/m3	3	9/1/2010 9:14:00 AM
Trichloroethene	23	2.5		ug/m3	3	9/1/2010 9:14:00 AM
Vinyl acetate	< 1.6	1.6		ug/m3	3	9/1/2010 9:14:00 AM
Vinyl Bromide	< 2.0	2.0		ug/m3	3	9/1/2010 9:14:00 AM
Vinyl chloride	< 1.2	1.2		ug/m3	3	9/1/2010 9:14:00 AM

NOTES:

* The reporting limits were raised due to limited amount of sample.

Qualifiers:			
**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-006A

Client Sample ID: SL065-IA-05N
Tag Number: 87,176
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,2,4-Trimethylbenzene	0.64	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,3,5-Trimethylbenzene	0.20	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 2:03:00 AM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
4-ethyltoluene	0.13	0.15	J	ppbV	1	8/31/2010 2:03:00 AM
Acetone	20	0.30	E	ppbV	1	8/31/2010 2:03:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Benzene	0.29	0.15		ppbV	1	8/31/2010 2:03:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 2:03:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL065-IA-05N
Lab Order:	C1008068	**Tag Number:**	87,176
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 2:03:00 AM
Ethylbenzene	0.22	0.15		ppbV	1	8/31/2010 2:03:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Freon 113	1.5	0.15		ppbV	1	8/31/2010 2:03:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Hexane	1.3	0.15		ppbV	1	8/31/2010 2:03:00 AM
Isopropyl alcohol	26	0.15	E	ppbV	1	8/31/2010 2:03:00 AM
m&p-Xylene	0.68	0.30		ppbV	1	8/31/2010 2:03:00 AM
Methyl Butyl Ketone	0.12	0.30	J	ppbV	1	8/31/2010 2:03:00 AM
Methyl Ethyl Ketone	1.4	0.30		ppbV	1	8/31/2010 2:03:00 AM
Methyl Isobutyl Ketone	0.57	0.30		ppbV	1	8/31/2010 2:03:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
o-Xylene	0.22	0.15		ppbV	1	8/31/2010 2:03:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Styrene	0.11	0.15	J	ppbV	1	8/31/2010 2:03:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Toluene	2.4	0.15		ppbV	1	8/31/2010 2:03:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Trichloroethene	0.13	0.040		ppbV	1	8/31/2010 2:03:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 2:03:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 2:03:00 AM
Surr: Bromofluorobenzene	109	70-130		%REC	1	8/31/2010 2:03:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL065-IA-05N
Lab Order:	C1008068	**Tag Number:**	87,176
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-006A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 2:03:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 2:03:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 2:03:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 2:03:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:03:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 2:03:00 AM
1,2,4-Trimethylbenzene	3.2	0.75		ug/m3	1	8/31/2010 2:03:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 2:03:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:03:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 2:03:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 2:03:00 AM
1,3,5-Trimethylbenzene	1.0	0.75		ug/m3	1	8/31/2010 2:03:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 2:03:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:03:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:03:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 2:03:00 AM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	8/31/2010 2:03:00 AM
4-ethyltoluene	0.65	0.75	J	ug/m3	1	8/31/2010 2:03:00 AM
Acetone	49	0.72	E	ug/m3	1	8/31/2010 2:03:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 2:03:00 AM
Benzene	0.94	0.49		ug/m3	1	8/31/2010 2:03:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 2:03:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 2:03:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 2:03:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 2:03:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 2:03:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 2:03:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 2:03:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 2:03:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 2:03:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 2:03:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:03:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 2:03:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 2:03:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 2:03:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 2:03:00 AM
Ethylbenzene	0.97	0.66		ug/m3	1	8/31/2010 2:03:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 2:03:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-006A

Client Sample ID: SL065-IA-05N
Tag Number: 87,176
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	11	1.2		ug/m3	1	8/31/2010 2:03:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 2:03:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 2:03:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 2:03:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 2:03:00 AM
Hexane	4.8	0.54		ug/m3	1	8/31/2010 2:03:00 AM
Isopropyl alcohol	64	0.37	E	ug/m3	1	8/31/2010 2:03:00 AM
m&p-Xylene	3.0	1.3		ug/m3	1	8/31/2010 2:03:00 AM
Methyl Butyl Ketone	0.50	1.2	J	ug/m3	1	8/31/2010 2:03:00 AM
Methyl Ethyl Ketone	4.2	0.90		ug/m3	1	8/31/2010 2:03:00 AM
Methyl Isobutyl Ketone	2.4	1.2		ug/m3	1	8/31/2010 2:03:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 2:03:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 2:03:00 AM
o-Xylene	0.97	0.66		ug/m3	1	8/31/2010 2:03:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 2:03:00 AM
Styrene	0.48	0.65	J	ug/m3	1	8/31/2010 2:03:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 2:03:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 2:03:00 AM
Toluene	9.0	0.57		ug/m3	1	8/31/2010 2:03:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:03:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 2:03:00 AM
Trichloroethene	0.71	0.22		ug/m3	1	8/31/2010 2:03:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 2:03:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 2:03:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 2:03:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM		
Lab Order:	C1008068	**Client Sample ID:**	SL065-SS-05N
Project:	AFP 59 60160780.08	**Tag Number:**	563,56
Lab ID:	C1008068-007A	**Collection Date:**	8/27/2010
Analyses		**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				
Lab Vacuum In	-3			"Hg		Analyst:
Lab Vacuum Out	-30			"Hg		8/30/2010
						8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	5.4	1.5		ppbV	10	9/2/2010 11:43:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,2,4-Trimethylbenzene	0.78	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,3,5-Trimethylbenzene	0.24	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 9:57:00 AM
2,2,4-trimethylpentane	0.19	0.15		ppbV	1	9/1/2010 9:57:00 AM
4-ethyltoluene	0.14	0.15	J	ppbV	1	9/1/2010 9:57:00 AM
Acetone	7.8	3.0		ppbV	10	9/2/2010 11:43:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Benzene	0.27	0.15		ppbV	1	9/1/2010 9:57:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Carbon disulfide	0.29	0.15		ppbV	1	9/1/2010 9:57:00 AM
Carbon tetrachloride	0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Cyclohexane	1.4	0.15		ppbV	1	9/1/2010 9:57:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-007A

Client Sample ID: SL065-SS-05N
Tag Number: 563,56
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethyl acetate	0.58	0.25		ppbV	1	9/1/2010 9:57:00 AM
Ethylbenzene	0.18	0.15		ppbV	1	9/1/2010 9:57:00 AM
Freon 11	0.85	0.15		ppbV	1	9/1/2010 9:57:00 AM
Freon 113	0.44	0.15		ppbV	1	9/1/2010 9:57:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Freon 12	0.67	0.15		ppbV	1	9/1/2010 9:57:00 AM
Heptane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Isopropyl alcohol	29	1.5	E	ppbV	10	9/2/2010 11:43:00 PM
m&p-Xylene	0.58	0.30		ppbV	1	9/1/2010 9:57:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 9:57:00 AM
Methyl Ethyl Ketone	0.88	0.30		ppbV	1	9/1/2010 9:57:00 AM
Methyl Isobutyl Ketone	0.66	0.30		ppbV	1	9/1/2010 9:57:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Methylene chloride	0.19	0.15		ppbV	1	9/1/2010 9:57:00 AM
o-Xylene	0.25	0.15		ppbV	1	9/1/2010 9:57:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Toluene	1.8	0.15		ppbV	1	9/1/2010 9:57:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Trichloroethene	0.40	0.15		ppbV	1	9/1/2010 9:57:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 9:57:00 AM
Surr: Bromofluorobenzene	102	70-130		%REC	1	9/1/2010 9:57:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-007A

Client Sample ID: SL065-SS-05N
Tag Number: 563,56
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	30	8.3		ug/m3	10	9/2/2010 11:43:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 9:57:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 9:57:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 9:57:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:57:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 9:57:00 AM
1,2,4-Trimethylbenzene	3.9	0.75		ug/m3	1	9/1/2010 9:57:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 9:57:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:57:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 9:57:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 9:57:00 AM
1,3,5-Trimethylbenzene	1.2	0.75		ug/m3	1	9/1/2010 9:57:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 9:57:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:57:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 9:57:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 9:57:00 AM
2,2,4-trimethylpentane	0.90	0.71		ug/m3	1	9/1/2010 9:57:00 AM
4-ethyltoluene	0.70	0.75	J	ug/m3	1	9/1/2010 9:57:00 AM
Acetone	19	7.2		ug/m3	10	9/2/2010 11:43:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 9:57:00 AM
Benzene	0.88	0.49		ug/m3	1	9/1/2010 9:57:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 9:57:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 9:57:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 9:57:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 9:57:00 AM
Carbon disulfide	0.92	0.47		ug/m3	1	9/1/2010 9:57:00 AM
Carbon tetrachloride	0.96	0.96		ug/m3	1	9/1/2010 9:57:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 9:57:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 9:57:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 9:57:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 9:57:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:57:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 9:57:00 AM
Cyclohexane	5.0	0.52		ug/m3	1	9/1/2010 9:57:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 9:57:00 AM
Ethyl acetate	2.1	0.92		ug/m3	1	9/1/2010 9:57:00 AM
Ethylbenzene	0.79	0.66		ug/m3	1	9/1/2010 9:57:00 AM
Freon 11	4.9	0.86		ug/m3	1	9/1/2010 9:57:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

CLIENT: AECOM
Date: *13-Sep-10*

Lab Order: C1008068
Client Sample ID: SL065-SS-05N

Project: AFP 59 60160780.08
Tag Number: 563,56

Lab ID: C1008068-007A
Collection Date: 8/27/2010

Analyses
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	3.4	1.2		ug/m3	1	9/1/2010 9:57:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 9:57:00 AM
Freon 12	3.4	0.75		ug/m3	1	9/1/2010 9:57:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/1/2010 9:57:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 9:57:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 9:57:00 AM
Isopropyl alcohol	73	3.7	E	ug/m3	10	9/2/2010 11:43:00 PM
m&p-Xylene	2.6	1.3		ug/m3	1	9/1/2010 9:57:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 9:57:00 AM
Methyl Ethyl Ketone	2.6	0.90		ug/m3	1	9/1/2010 9:57:00 AM
Methyl Isobutyl Ketone	2.7	1.2		ug/m3	1	9/1/2010 9:57:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 9:57:00 AM
Methylene chloride	0.67	0.53		ug/m3	1	9/1/2010 9:57:00 AM
o-Xylene	1.1	0.66		ug/m3	1	9/1/2010 9:57:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 9:57:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 9:57:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 9:57:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 9:57:00 AM
Toluene	6.9	0.57		ug/m3	1	9/1/2010 9:57:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 9:57:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 9:57:00 AM
Trichloroethene	2.2	0.82		ug/m3	1	9/1/2010 9:57:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 9:57:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 9:57:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 9:57:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL066-IA-05N
Lab Order:	C1008068	**Tag Number:**	415,454
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-008A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-19			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,2,4-Trimethylbenzene	1.4	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,3,5-Trimethylbenzene	0.41	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 2:41:00 AM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
4-ethyltoluene	0.31	0.15		ppbV	1	8/31/2010 2:41:00 AM
Acetone	30	0.30	E	ppbV	1	8/31/2010 2:41:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Benzene	0.34	0.15		ppbV	1	8/31/2010 2:41:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Carbon tetrachloride	< 0.040	0.040		ppbV	1	8/31/2010 2:41:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-008A

Client Sample ID: SL066-IA-05N
Tag Number: 415,454
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.90	0.25		ppbV	1	8/31/2010 2:41:00 AM
Ethylbenzene	0.43	0.15		ppbV	1	8/31/2010 2:41:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Heptane	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Hexane	1.4	0.15		ppbV	1	8/31/2010 2:41:00 AM
Isopropyl alcohol	34	0.15	E	ppbV	1	8/31/2010 2:41:00 AM
m&p-Xylene	1.4	0.30		ppbV	1	8/31/2010 2:41:00 AM
Methyl Butyl Ketone	0.19	0.30	J	ppbV	1	8/31/2010 2:41:00 AM
Methyl Ethyl Ketone	1.9	0.30		ppbV	1	8/31/2010 2:41:00 AM
Methyl Isobutyl Ketone	0.33	0.30		ppbV	1	8/31/2010 2:41:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
o-Xylene	0.42	0.15		ppbV	1	8/31/2010 2:41:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Styrene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Tetrachloroethylene	0.30	0.15		ppbV	1	8/31/2010 2:41:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Toluene	2.8	0.15		ppbV	1	8/31/2010 2:41:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Trichloroethene	0.53	0.040		ppbV	1	8/31/2010 2:41:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 2:41:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 2:41:00 AM
Surr: Bromofluorobenzene	106	70-130		%REC	1	8/31/2010 2:41:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-008A

Client Sample ID: SL066-IA-05N
Tag Number: 415,454
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 2:41:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 2:41:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 2:41:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 2:41:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:41:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 2:41:00 AM
1,2,4-Trimethylbenzene	6.7	0.75		ug/m3	1	8/31/2010 2:41:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 2:41:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:41:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 2:41:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 2:41:00 AM
1,3,5-Trimethylbenzene	2.0	0.75		ug/m3	1	8/31/2010 2:41:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 2:41:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:41:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 2:41:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 2:41:00 AM
2,2,4-trimethylpentane	0.71	0.71		ug/m3	1	8/31/2010 2:41:00 AM
4-ethyltoluene	1.5	0.75		ug/m3	1	8/31/2010 2:41:00 AM
Acetone	73	0.72	E	ug/m3	1	8/31/2010 2:41:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 2:41:00 AM
Benzene	1.1	0.49		ug/m3	1	8/31/2010 2:41:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 2:41:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 2:41:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 2:41:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 2:41:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 2:41:00 AM
Carbon tetrachloride	< 0.26	0.26		ug/m3	1	8/31/2010 2:41:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 2:41:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 2:41:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 2:41:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 2:41:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:41:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 2:41:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 2:41:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 2:41:00 AM
Ethyl acetate	3.3	0.92		ug/m3	1	8/31/2010 2:41:00 AM
Ethylbenzene	1.9	0.66		ug/m3	1	8/31/2010 2:41:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 2:41:00 AM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-008A

Client Sample ID: SL066-IA-05N
Tag Number: 415,454
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 2:41:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 2:41:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 2:41:00 AM
Heptane	< 0.62	0.62		ug/m3	1	8/31/2010 2:41:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 2:41:00 AM
Hexane	4.8	0.54		ug/m3	1	8/31/2010 2:41:00 AM
Isopropyl alcohol	84	0.37	E	ug/m3	1	8/31/2010 2:41:00 AM
m&p-Xylene	6.0	1.3		ug/m3	1	8/31/2010 2:41:00 AM
Methyl Butyl Ketone	0.79	1.2	J	ug/m3	1	8/31/2010 2:41:00 AM
Methyl Ethyl Ketone	5.7	0.90		ug/m3	1	8/31/2010 2:41:00 AM
Methyl Isobutyl Ketone	1.4	1.2		ug/m3	1	8/31/2010 2:41:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 2:41:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 2:41:00 AM
o-Xylene	1.9	0.66		ug/m3	1	8/31/2010 2:41:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 2:41:00 AM
Styrene	< 0.65	0.65		ug/m3	1	8/31/2010 2:41:00 AM
Tetrachloroethylene	2.1	1.0		ug/m3	1	8/31/2010 2:41:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 2:41:00 AM
Toluene	11	0.57		ug/m3	1	8/31/2010 2:41:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 2:41:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 2:41:00 AM
Trichloroethene	2.9	0.22		ug/m3	1	8/31/2010 2:41:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 2:41:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 2:41:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 2:41:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-009A
Client Sample ID: SL066-SS-05N
Tag Number: 476,65
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	1.6	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,2,4-Trimethylbenzene	2.9	1.5		ppbV	10	9/2/2010 10:40:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,3,5-Trimethylbenzene	1.2	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 10:40:00 AM
2,2,4-trimethylpentane	0.29	0.15		ppbV	1	9/1/2010 10:40:00 AM
4-ethyltoluene	2.0	0.15		ppbV	1	9/1/2010 10:40:00 AM
Acetone	12	3.0		ppbV	10	9/2/2010 10:40:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Benzene	1.1	0.15		ppbV	1	9/1/2010 10:40:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Carbon disulfide	0.25	0.15		ppbV	1	9/1/2010 10:40:00 AM
Carbon tetrachloride	0.11	0.15	J	ppbV	1	9/1/2010 10:40:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Chloromethane	0.16	0.15		ppbV	1	9/1/2010 10:40:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Cyclohexane	1.4	0.15		ppbV	1	9/1/2010 10:40:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-009A

Client Sample ID: SL066-SS-05N
Tag Number: 476,65
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.64	0.25		ppbV	1	9/1/2010 10:40:00 AM
Ethylbenzene	2.9	1.5		ppbV	10	9/2/2010 10:40:00 AM
Freon 11	0.53	0.15		ppbV	1	9/1/2010 10:40:00 AM
Freon 113	0.38	0.15		ppbV	1	9/1/2010 10:40:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Freon 12	0.70	0.15		ppbV	1	9/1/2010 10:40:00 AM
Heptane	0.74	0.15		ppbV	1	9/1/2010 10:40:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Isopropyl alcohol	46	1.5	E	ppbV	10	9/2/2010 10:40:00 AM
m&p-Xylene	8.4	3.0		ppbV	10	9/2/2010 10:40:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 10:40:00 AM
Methyl Ethyl Ketone	1.3	0.30		ppbV	1	9/1/2010 10:40:00 AM
Methyl Isobutyl Ketone	0.61	0.30		ppbV	1	9/1/2010 10:40:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Methylene chloride	0.39	0.15		ppbV	1	9/1/2010 10:40:00 AM
o-Xylene	2.4	1.5		ppbV	10	9/2/2010 10:40:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Toluene	14	1.5		ppbV	10	9/2/2010 10:40:00 AM
trans-1,2-Dichloroethene	0.34	0.15		ppbV	1	9/1/2010 10:40:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Trichloroethene	0.91	0.15		ppbV	1	9/1/2010 10:40:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 10:40:00 AM
Surr: Bromofluorobenzene	115	70-130		%REC	1	9/1/2010 10:40:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-009A

Client Sample ID: SL066-SS-05N
Tag Number: 476,65
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	8.8	0.83		ug/m3	1	9/1/2010 10:40:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 10:40:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 10:40:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 10:40:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 10:40:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 10:40:00 AM
1,2,4-Trimethylbenzene	14	7.5		ug/m3	10	9/2/2010 10:40:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 10:40:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 10:40:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 10:40:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 10:40:00 AM
1,3,5-Trimethylbenzene	5.8	0.75		ug/m3	1	9/1/2010 10:40:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 10:40:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 10:40:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 10:40:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 10:40:00 AM
2,2,4-trimethylpentane	1.4	0.71		ug/m3	1	9/1/2010 10:40:00 AM
4-ethyltoluene	10	0.75		ug/m3	1	9/1/2010 10:40:00 AM
Acetone	30	7.2		ug/m3	10	9/2/2010 10:40:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 10:40:00 AM
Benzene	3.7	0.49		ug/m3	1	9/1/2010 10:40:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 10:40:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 10:40:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 10:40:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 10:40:00 AM
Carbon disulfide	0.79	0.47		ug/m3	1	9/1/2010 10:40:00 AM
Carbon tetrachloride	0.70	0.96	J	ug/m3	1	9/1/2010 10:40:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 10:40:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 10:40:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 10:40:00 AM
Chloromethane	0.34	0.31		ug/m3	1	9/1/2010 10:40:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 10:40:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 10:40:00 AM
Cyclohexane	5.0	0.52		ug/m3	1	9/1/2010 10:40:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 10:40:00 AM
Ethyl acetate	2.3	0.92		ug/m3	1	9/1/2010 10:40:00 AM
Ethylbenzene	13	6.6		ug/m3	10	9/2/2010 10:40:00 AM
Freon 11	3.0	0.86		ug/m3	1	9/1/2010 10:40:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL066-SS-05N
Lab Order:	C1008068	**Tag Number:**	476,65
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-009A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	3.0	1.2		ug/m3	1	9/1/2010 10:40:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 10:40:00 AM
Freon 12	3.5	0.75		ug/m3	1	9/1/2010 10:40:00 AM
Heptane	3.1	0.62		ug/m3	1	9/1/2010 10:40:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 10:40:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 10:40:00 AM
Isopropyl alcohol	120	3.7	E	ug/m3	10	9/2/2010 10:40:00 AM
m&p-Xylene	37	13		ug/m3	10	9/2/2010 10:40:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 10:40:00 AM
Methyl Ethyl Ketone	4.0	0.90		ug/m3	1	9/1/2010 10:40:00 AM
Methyl Isobutyl Ketone	2.5	1.2		ug/m3	1	9/1/2010 10:40:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 10:40:00 AM
Methylene chloride	1.4	0.53		ug/m3	1	9/1/2010 10:40:00 AM
o-Xylene	11	6.6		ug/m3	10	9/2/2010 10:40:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 10:40:00 AM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 10:40:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 10:40:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 10:40:00 AM
Toluene	55	5.7		ug/m3	10	9/2/2010 10:40:00 AM
trans-1,2-Dichloroethene	1.4	0.60		ug/m3	1	9/1/2010 10:40:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 10:40:00 AM
Trichloroethene	5.0	0.82		ug/m3	1	9/1/2010 10:40:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 10:40:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 10:40:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 10:40:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-010A

Client Sample ID: SL066-SS-05D
Tag Number: 417,111
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-8			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	0.30	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,2,4-Trimethylbenzene	3.2	1.5		ppbV	10	9/3/2010 12:18:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,3,5-Trimethylbenzene	1.4	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 4:59:00 PM
2,2,4-trimethylpentane	0.27	0.15		ppbV	1	9/1/2010 4:59:00 PM
4-ethyltoluene	1.1	1.5	J	ppbV	10	9/3/2010 12:18:00 AM
Acetone	14	3.0		ppbV	10	9/3/2010 12:18:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Benzene	1.2	0.15		ppbV	1	9/1/2010 4:59:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Carbon disulfide	0.29	0.15		ppbV	1	9/1/2010 4:59:00 PM
Carbon tetrachloride	0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
cis-1,2-Dichloroethene	0.12	0.15	J	ppbV	1	9/1/2010 4:59:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Cyclohexane	1.4	0.15		ppbV	1	9/1/2010 4:59:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM

Qualifiers:

- ** Reporting Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL066-SS-05D
Lab Order:	C1008068	**Tag Number:**	417,111
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-010A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	9/1/2010 4:59:00 PM
Ethylbenzene	3.0	1.5		ppbV	10	9/3/2010 12:18:00 AM
Freon 11	0.56	0.15		ppbV	1	9/1/2010 4:59:00 PM
Freon 113	0.36	0.15		ppbV	1	9/1/2010 4:59:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Freon 12	0.66	0.15		ppbV	1	9/1/2010 4:59:00 PM
Heptane	0.85	0.15		ppbV	1	9/1/2010 4:59:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Hexane	0.84	0.15		ppbV	1	9/1/2010 4:59:00 PM
Isopropyl alcohol	39	1.5	E	ppbV	10	9/3/2010 12:18:00 AM
m&p-Xylene	9.2	3.0		ppbV	10	9/3/2010 12:18:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 4:59:00 PM
Methyl Ethyl Ketone	1.5	0.30		ppbV	1	9/1/2010 4:59:00 PM
Methyl Isobutyl Ketone	0.64	0.30		ppbV	1	9/1/2010 4:59:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Methylene chloride	0.45	0.15		ppbV	1	9/1/2010 4:59:00 PM
o-Xylene	2.7	1.5		ppbV	10	9/3/2010 12:18:00 AM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Toluene	15	1.5		ppbV	10	9/3/2010 12:18:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Trichloroethene	0.68	0.15		ppbV	1	9/1/2010 4:59:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 4:59:00 PM
Surr: Bromofluorobenzene	110	70-130		%REC	1	9/1/2010 4:59:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-010A

Client Sample ID: SL066-SS-05D
Tag Number: 417,111
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	1.7	0.83		ug/m3	1	9/1/2010 4:59:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:59:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 4:59:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 4:59:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:59:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 4:59:00 PM
1,2,4-Trimethylbenzene	16	7.5		ug/m3	10	9/3/2010 12:18:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 4:59:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:59:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 4:59:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 4:59:00 PM
1,3,5-Trimethylbenzene	7.1	0.75		ug/m3	1	9/1/2010 4:59:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 4:59:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:59:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 4:59:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 4:59:00 PM
2,2,4-trimethylpentane	1.3	0.71		ug/m3	1	9/1/2010 4:59:00 PM
4-ethyltoluene	5.5	7.5	J	ug/m3	10	9/3/2010 12:18:00 AM
Acetone	33	7.2		ug/m3	10	9/3/2010 12:18:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 4:59:00 PM
Benzene	4.0	0.49		ug/m3	1	9/1/2010 4:59:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 4:59:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 4:59:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 4:59:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 4:59:00 PM
Carbon disulfide	0.92	0.47		ug/m3	1	9/1/2010 4:59:00 PM
Carbon tetrachloride	0.96	0.96		ug/m3	1	9/1/2010 4:59:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 4:59:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 4:59:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 4:59:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 4:59:00 PM
cis-1,2-Dichloroethene	0.48	0.60	J	ug/m3	1	9/1/2010 4:59:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:59:00 PM
Cyclohexane	4.7	0.52		ug/m3	1	9/1/2010 4:59:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 4:59:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/1/2010 4:59:00 PM
Ethylbenzene	13	6.6		ug/m3	10	9/3/2010 12:18:00 AM
Freon 11	3.2	0.86		ug/m3	1	9/1/2010 4:59:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-010A

Client Sample ID: SL066-SS-05D
Tag Number: 417,111
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
Freon 113	2.8	1.2		ug/m3	1	9/1/2010 4:59:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 4:59:00 PM
Freon 12	3.3	0.75		ug/m3	1	9/1/2010 4:59:00 PM
Heptane	3.5	0.62		ug/m3	1	9/1/2010 4:59:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 4:59:00 PM
Hexane	3.0	0.54		ug/m3	1	9/1/2010 4:59:00 PM
Isopropyl alcohol	97	3.7	E	ug/m3	10	9/3/2010 12:18:00 AM
m&p-Xylene	41	13		ug/m3	10	9/3/2010 12:18:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 4:59:00 PM
Methyl Ethyl Ketone	4.4	0.90		ug/m3	1	9/1/2010 4:59:00 PM
Methyl Isobutyl Ketone	2.7	1.2		ug/m3	1	9/1/2010 4:59:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 4:59:00 PM
Methylene chloride	1.6	0.53		ug/m3	1	9/1/2010 4:59:00 PM
o-Xylene	12	6.6		ug/m3	10	9/3/2010 12:18:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 4:59:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 4:59:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	9/1/2010 4:59:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 4:59:00 PM
Toluene	56	5.7		ug/m3	10	9/3/2010 12:18:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 4:59:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 4:59:00 PM
Trichloroethene	3.7	0.82		ug/m3	1	9/1/2010 4:59:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 4:59:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 4:59:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 4:59:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL095-IA-05N
Lab Order:	C1008068	**Tag Number:**	413,255
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-011A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,2,4-Trimethylbenzene	0.83	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,3,5-Trimethylbenzene	0.29	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 3:20:00 AM
2,2,4-trimethylpentane	0.16	0.15		ppbV	1	8/31/2010 3:20:00 AM
4-ethyltoluene	0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Acetone	10	1.5		ppbV	5	8/31/2010 8:16:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Benzene	0.32	0.15		ppbV	1	8/31/2010 3:20:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 3:20:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-011A

Client Sample ID: SL095-IA-05N
Tag Number: 413,255
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	< 0.25	0.25		ppbV	1	8/31/2010 3:20:00 AM
Ethylbenzene	0.28	0.15		ppbV	1	8/31/2010 3:20:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Heptane	0.69	0.15		ppbV	1	8/31/2010 3:20:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Hexane	1.0	0.15		ppbV	1	8/31/2010 3:20:00 AM
Isopropyl alcohol	73	0.75	E	ppbV	5	8/31/2010 8:16:00 PM
m&p-Xylene	0.85	0.30		ppbV	1	8/31/2010 3:20:00 AM
Methyl Butyl Ketone	0.11	0.30	J	ppbV	1	8/31/2010 3:20:00 AM
Methyl Ethyl Ketone	1.6	0.30		ppbV	1	8/31/2010 3:20:00 AM
Methyl Isobutyl Ketone	0.37	0.30		ppbV	1	8/31/2010 3:20:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
o-Xylene	0.28	0.15		ppbV	1	8/31/2010 3:20:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Styrene	0.14	0.15	J	ppbV	1	8/31/2010 3:20:00 AM
Tetrachloroethylene	0.16	0.15		ppbV	1	8/31/2010 3:20:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Toluene	2.8	0.75		ppbV	5	8/31/2010 8:16:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Trichloroethene	0.40	0.040		ppbV	1	8/31/2010 3:20:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 3:20:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 3:20:00 AM
Surr: Bromofluorobenzene	110	70-130		%REC	1	8/31/2010 3:20:00 AM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-011A

Client Sample ID: SL095-IA-05N
Tag Number: 413,255
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 3:20:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 3:20:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 3:20:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 3:20:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:20:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 3:20:00 AM
1,2,4-Trimethylbenzene	4.1	0.75		ug/m3	1	8/31/2010 3:20:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 3:20:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:20:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 3:20:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 3:20:00 AM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	8/31/2010 3:20:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 3:20:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:20:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:20:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 3:20:00 AM
2,2,4-trimethylpentane	0.76	0.71		ug/m3	1	8/31/2010 3:20:00 AM
4-ethyltoluene	0.75	0.75		ug/m3	1	8/31/2010 3:20:00 AM
Acetone	25	3.6		ug/m3	5	8/31/2010 8:16:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 3:20:00 AM
Benzene	1.0	0.49		ug/m3	1	8/31/2010 3:20:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 3:20:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 3:20:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 3:20:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 3:20:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 3:20:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 3:20:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 3:20:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 3:20:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 3:20:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 3:20:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:20:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 3:20:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 3:20:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 3:20:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	8/31/2010 3:20:00 AM
Ethylbenzene	1.2	0.66		ug/m3	1	8/31/2010 3:20:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 3:20:00 AM

Qualifiers:

- ****** Reporting Limit
- **B** Analyte detected in the associated Method Blank
- **H** Holding times for preparation or analysis exceeded
- **JN** Non-routine analyte. Quantitation estimated.
- **S** Spike Recovery outside accepted recovery limits
- **.** Results reported are not blank corrected
- **E** Value above quantitation range
- **J** Analyte detected at or below quantitation limits
- **ND** Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-011A

Client Sample ID: SL095-IA-05N
Tag Number: 413,255
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 3:20:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 3:20:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 3:20:00 AM
Heptane	2.9	0.62		ug/m3	1	8/31/2010 3:20:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 3:20:00 AM
Hexane	3.7	0.54		ug/m3	1	8/31/2010 3:20:00 AM
Isopropyl alcohol	180	1.9	E	ug/m3	5	8/31/2010 8:16:00 PM
m&p-Xylene	3.8	1.3		ug/m3	1	8/31/2010 3:20:00 AM
Methyl Butyl Ketone	0.46	1.2	J	ug/m3	1	8/31/2010 3:20:00 AM
Methyl Ethyl Ketone	4.8	0.90		ug/m3	1	8/31/2010 3:20:00 AM
Methyl Isobutyl Ketone	1.5	1.2		ug/m3	1	8/31/2010 3:20:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 3:20:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 3:20:00 AM
o-Xylene	1.2	0.66		ug/m3	1	8/31/2010 3:20:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 3:20:00 AM
Styrene	0.61	0.65	J	ug/m3	1	8/31/2010 3:20:00 AM
Tetrachloroethylene	1.1	1.0		ug/m3	1	8/31/2010 3:20:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 3:20:00 AM
Toluene	11	2.9		ug/m3	5	8/31/2010 8:16:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:20:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 3:20:00 AM
Trichloroethene	2.2	0.22		ug/m3	1	8/31/2010 3:20:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 3:20:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 3:20:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 3:20:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL095-SS-05N
Lab Order:	C1008068	**Tag Number:**	463,262
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-5			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	40	6.0		ppbV	40	9/3/2010 1:28:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,2,4-Trimethylbenzene	0.89	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,3,5-Trimethylbenzene	0.28	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 5:35:00 PM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	9/1/2010 5:35:00 PM
4-ethyltoluene	0.22	0.15		ppbV	1	9/1/2010 5:35:00 PM
Acetone	13	3.0		ppbV	10	9/3/2010 12:54:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Benzene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Carbon disulfide	0.16	0.15		ppbV	1	9/1/2010 5:35:00 PM
Carbon tetrachloride	30	6.0		ppbV	40	9/3/2010 1:28:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Chloroform	2.0	0.15		ppbV	1	9/1/2010 5:35:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL095-SS-05N
Lab Order:	C1008068	**Tag Number:**	463,262
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-012A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
Ethyl acetate	0.42	0.25		ppbV	1	9/1/2010 5:35:00 PM
Ethylbenzene	0.19	0.15		ppbV	1	9/1/2010 5:35:00 PM
Freon 11	0.91	0.15		ppbV	1	9/1/2010 5:35:00 PM
Freon 113	3.6	1.5		ppbV	10	9/3/2010 12:54:00 AM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Freon 12	0.77	0.15		ppbV	1	9/1/2010 5:35:00 PM
Heptane	0.25	0.15		ppbV	1	9/1/2010 5:35:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Hexane	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Isopropyl alcohol	29	6.0		ppbV	40	9/3/2010 1:28:00 AM
m&p-Xylene	0.58	0.30		ppbV	1	9/1/2010 5:35:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 5:35:00 PM
Methyl Ethyl Ketone	1.0	0.30		ppbV	1	9/1/2010 5:35:00 PM
Methyl Isobutyl Ketone	0.44	0.30		ppbV	1	9/1/2010 5:35:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Methylene chloride	0.49	0.15		ppbV	1	9/1/2010 5:35:00 PM
o-Xylene	0.27	0.15		ppbV	1	9/1/2010 5:35:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Styrene	0.16	0.15		ppbV	1	9/1/2010 5:35:00 PM
Tetrachloroethylene	5.3	1.5		ppbV	10	9/3/2010 12:54:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Toluene	2.0	0.15		ppbV	1	9/1/2010 5:35:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Trichloroethene	42	6.0		ppbV	40	9/3/2010 1:28:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 5:35:00 PM
Surr: Bromofluorobenzene	107	70-130		%REC	1	9/1/2010 5:35:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-012A

Client Sample ID: SL095-SS-05N
Tag Number: 463,262
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: **RJP**
1,1,1-Trichloroethane	220	33		ug/m3	40	9/3/2010 1:28:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 5:35:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 5:35:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 5:35:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:35:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 5:35:00 PM
1,2,4-Trimethylbenzene	4.4	0.75		ug/m3	1	9/1/2010 5:35:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 5:35:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:35:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 5:35:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 5:35:00 PM
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	9/1/2010 5:35:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 5:35:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:35:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 5:35:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 5:35:00 PM
2,2,4-trimethylpentane	0.52	0.71	J	ug/m3	1	9/1/2010 5:35:00 PM
4-ethyltoluene	1.1	0.75		ug/m3	1	9/1/2010 5:35:00 PM
Acetone	30	7.2		ug/m3	10	9/3/2010 12:54:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 5:35:00 PM
Benzene	< 0.49	0.49		ug/m3	1	9/1/2010 5:35:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 5:35:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 5:35:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 5:35:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 5:35:00 PM
Carbon disulfide	0.51	0.47		ug/m3	1	9/1/2010 5:35:00 PM
Carbon tetrachloride	190	38		ug/m3	40	9/3/2010 1:28:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 5:35:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 5:35:00 PM
Chloroform	9.8	0.74		ug/m3	1	9/1/2010 5:35:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/1/2010 5:35:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:35:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 5:35:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/1/2010 5:35:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 5:35:00 PM
Ethyl acetate	1.5	0.92		ug/m3	1	9/1/2010 5:35:00 PM
Ethylbenzene	0.84	0.66		ug/m3	1	9/1/2010 5:35:00 PM
Freon 11	5.2	0.86		ug/m3	1	9/1/2010 5:35:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT: AECOM
Lab Order: C1008068
Project: AFP 59 60160780.08
Lab ID: C1008068-012A
Client Sample ID: SL095-SS-05N
Tag Number: 463,262
Collection Date: 8/27/2010
Matrix:

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 113	28	12		ug/m3	10	9/3/2010 12:54:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 5:35:00 PM
Freon 12	3.9	0.75		ug/m3	1	9/1/2010 5:35:00 PM
Heptane	1.0	0.62		ug/m3	1	9/1/2010 5:35:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 5:35:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/1/2010 5:35:00 PM
Isopropyl alcohol	73	15		ug/m3	40	9/3/2010 1:28:00 AM
m&p-Xylene	2.6	1.3		ug/m3	1	9/1/2010 5:35:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 5:35:00 PM
Methyl Ethyl Ketone	3.1	0.90		ug/m3	1	9/1/2010 5:35:00 PM
Methyl Isobutyl Ketone	1.8	1.2		ug/m3	1	9/1/2010 5:35:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 5:35:00 PM
Methylene chloride	1.7	0.53		ug/m3	1	9/1/2010 5:35:00 PM
o-Xylene	1.2	0.66		ug/m3	1	9/1/2010 5:35:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 5:35:00 PM
Styrene	0.69	0.65		ug/m3	1	9/1/2010 5:35:00 PM
Tetrachloroethylene	37	10		ug/m3	10	9/3/2010 12:54:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 5:35:00 PM
Toluene	7.8	0.57		ug/m3	1	9/1/2010 5:35:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 5:35:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 5:35:00 PM
Trichloroethene	230	33		ug/m3	40	9/3/2010 1:28:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 5:35:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 5:35:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 5:35:00 PM

Qualifiers:

**	Reporting Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated.
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0103-SS-05N
Lab Order:	C1008068	**Tag Number:**	94,387
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-22			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	8.1	1.5		ppbV	10	9/3/2010 2:04:00 AM
1,1,2,2-Tetrachloroethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,1,2-Trichloroethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,1-Dichloroethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,1-Dichloroethene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,2,4-Trichlorobenzene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,2,4-Trimethylbenzene	2.2	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,2-Dibromoethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,2-Dichlorobenzene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,2-Dichloroethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,2-Dichloropropane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,3,5-Trimethylbenzene	0.66	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,3-butadiene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,3-Dichlorobenzene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,4-Dichlorobenzene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
1,4-Dioxane	< 0.60	0.60		ppbV	2	9/1/2010 6:13:00 PM
2,2,4-trimethylpentane	0.22	0.30	J	ppbV	2	9/1/2010 6:13:00 PM
4-ethyltoluene	0.28	0.30	J	ppbV	2	9/1/2010 6:13:00 PM
Acetone	38	3.0	E	ppbV	10	9/3/2010 2:04:00 AM
Allyl chloride	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Benzene	0.58	0.30		ppbV	2	9/1/2010 6:13:00 PM
Benzyl chloride	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Bromodichloromethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Bromoform	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Bromomethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Carbon disulfide	0.52	0.30		ppbV	2	9/1/2010 6:13:00 PM
Carbon tetrachloride	0.78	0.30		ppbV	2	9/1/2010 6:13:00 PM
Chlorobenzene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Chloroethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Chloroform	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Chloromethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
cis-1,2-Dichloroethene	0.36	0.30		ppbV	2	9/1/2010 6:13:00 PM
cis-1,3-Dichloropropene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Cyclohexane	7.1	1.5		ppbV	10	9/3/2010 2:04:00 AM
Dibromochloromethane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0103-SS-05N
Lab Order:	C1008068	**Tag Number:**	94,387
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.0	0.50		ppbV	2	9/1/2010 6:13:00 PM
Ethylbenzene	0.36	0.30		ppbV	2	9/1/2010 6:13:00 PM
Freon 11	0.50	0.30		ppbV	2	9/1/2010 6:13:00 PM
Freon 113	2.5	0.30		ppbV	2	9/1/2010 6:13:00 PM
Freon 114	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Freon 12	1.1	0.30		ppbV	2	9/1/2010 6:13:00 PM
Heptane	0.64	0.30		ppbV	2	9/1/2010 6:13:00 PM
Hexachloro-1,3-butadiene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Hexane	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Isopropyl alcohol	140	1.5	E	ppbV	10	9/3/2010 2:04:00 AM
m&p-Xylene	1.2	0.60		ppbV	2	9/1/2010 6:13:00 PM
Methyl Butyl Ketone	0.26	0.60	J	ppbV	2	9/1/2010 6:13:00 PM
Methyl Ethyl Ketone	2.0	0.60		ppbV	2	9/1/2010 6:13:00 PM
Methyl Isobutyl Ketone	0.60	0.60		ppbV	2	9/1/2010 6:13:00 PM
Methyl tert-butyl ether	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Methylene chloride	1.1	0.30		ppbV	2	9/1/2010 6:13:00 PM
o-Xylene	0.52	0.30		ppbV	2	9/1/2010 6:13:00 PM
Propylene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Styrene	0.24	0.30	J	ppbV	2	9/1/2010 6:13:00 PM
Tetrachloroethylene	0.40	0.30		ppbV	2	9/1/2010 6:13:00 PM
Tetrahydrofuran	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Toluene	6.4	1.5		ppbV	10	9/3/2010 2:04:00 AM
trans-1,2-Dichloroethene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
trans-1,3-Dichloropropene	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Trichloroethene	2.5	0.30		ppbV	2	9/1/2010 6:13:00 PM
Vinyl acetate	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Vinyl Bromide	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Vinyl chloride	< 0.30	0.30		ppbV	2	9/1/2010 6:13:00 PM
Surr: Bromofluorobenzene	102	70-130		%REC	2	9/1/2010 6:13:00 PM

NOTES:
* The reporting limits were raised due to limited amount of sample.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0103-SS-05N
Lab Order:	C1008068	**Tag Number:**	94,387
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	45	8.3		ug/m3	10	9/3/2010 2:04:00 AM
1,1,2,2-Tetrachloroethane	< 2.1	2.1		ug/m3	2	9/1/2010 6:13:00 PM
1,1,2-Trichloroethane	< 1.7	1.7		ug/m3	2	9/1/2010 6:13:00 PM
1,1-Dichloroethane	< 1.2	1.2		ug/m3	2	9/1/2010 6:13:00 PM
1,1-Dichloroethene	< 1.2	1.2		ug/m3	2	9/1/2010 6:13:00 PM
1,2,4-Trichlorobenzene	< 2.3	2.3		ug/m3	2	9/1/2010 6:13:00 PM
1,2,4-Trimethylbenzene	11	1.5		ug/m3	2	9/1/2010 6:13:00 PM
1,2-Dibromoethane	< 2.3	2.3		ug/m3	2	9/1/2010 6:13:00 PM
1,2-Dichlorobenzene	< 1.8	1.8		ug/m3	2	9/1/2010 6:13:00 PM
1,2-Dichloroethane	< 1.2	1.2		ug/m3	2	9/1/2010 6:13:00 PM
1,2-Dichloropropane	< 1.4	1.4		ug/m3	2	9/1/2010 6:13:00 PM
1,3,5-Trimethylbenzene	3.3	1.5		ug/m3	2	9/1/2010 6:13:00 PM
1,3-butadiene	< 0.67	0.67		ug/m3	2	9/1/2010 6:13:00 PM
1,3-Dichlorobenzene	< 1.8	1.8		ug/m3	2	9/1/2010 6:13:00 PM
1,4-Dichlorobenzene	< 1.8	1.8		ug/m3	2	9/1/2010 6:13:00 PM
1,4-Dioxane	< 2.2	2.2		ug/m3	2	9/1/2010 6:13:00 PM
2,2,4-trimethylpentane	1.0	1.4	J	ug/m3	2	9/1/2010 6:13:00 PM
4-ethyltoluene	1.4	1.5	J	ug/m3	2	9/1/2010 6:13:00 PM
Acetone	91	7.2	E	ug/m3	10	9/3/2010 2:04:00 AM
Allyl chloride	< 0.95	0.95		ug/m3	2	9/1/2010 6:13:00 PM
Benzene	1.9	0.97		ug/m3	2	9/1/2010 6:13:00 PM
Benzyl chloride	< 1.8	1.8		ug/m3	2	9/1/2010 6:13:00 PM
Bromodichloromethane	< 2.0	2.0		ug/m3	2	9/1/2010 6:13:00 PM
Bromoform	< 3.2	3.2		ug/m3	2	9/1/2010 6:13:00 PM
Bromomethane	< 1.2	1.2		ug/m3	2	9/1/2010 6:13:00 PM
Carbon disulfide	1.6	0.95		ug/m3	2	9/1/2010 6:13:00 PM
Carbon tetrachloride	5.0	1.9		ug/m3	2	9/1/2010 6:13:00 PM
Chlorobenzene	< 1.4	1.4		ug/m3	2	9/1/2010 6:13:00 PM
Chloroethane	< 0.80	0.80		ug/m3	2	9/1/2010 6:13:00 PM
Chloroform	< 1.5	1.5		ug/m3	2	9/1/2010 6:13:00 PM
Chloromethane	< 0.63	0.63		ug/m3	2	9/1/2010 6:13:00 PM
cis-1,2-Dichloroethene	1.5	1.2		ug/m3	2	9/1/2010 6:13:00 PM
cis-1,3-Dichloropropene	< 1.4	1.4		ug/m3	2	9/1/2010 6:13:00 PM
Cyclohexane	25	5.2		ug/m3	10	9/3/2010 2:04:00 AM
Dibromochloromethane	< 2.6	2.6		ug/m3	2	9/1/2010 6:13:00 PM
Ethyl acetate	3.7	1.8		ug/m3	2	9/1/2010 6:13:00 PM
Ethylbenzene	1.6	1.3		ug/m3	2	9/1/2010 6:13:00 PM
Freon 11	2.9	1.7		ug/m3	2	9/1/2010 6:13:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0103-SS-05N
Lab Order:	C1008068	**Tag Number:**	94,387
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-013A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	20	2.3		ug/m3	2	9/1/2010 6:13:00 PM
Freon 114	< 2.1	2.1		ug/m3	2	9/1/2010 6:13:00 PM
Freon 12	5.3	1.5		ug/m3	2	9/1/2010 6:13:00 PM
Heptane	2.7	1.2		ug/m3	2	9/1/2010 6:13:00 PM
Hexachloro-1,3-butadiene	< 3.3	3.3		ug/m3	2	9/1/2010 6:13:00 PM
Hexane	< 1.1	1.1		ug/m3	2	9/1/2010 6:13:00 PM
Isopropyl alcohol	360	3.7	E	ug/m3	10	9/3/2010 2:04:00 AM
m&p-Xylene	5.4	2.6		ug/m3	2	9/1/2010 6:13:00 PM
Methyl Butyl Ketone	1.1	2.5	J	ug/m3	2	9/1/2010 6:13:00 PM
Methyl Ethyl Ketone	6.1	1.8		ug/m3	2	9/1/2010 6:13:00 PM
Methyl Isobutyl Ketone	2.5	2.5		ug/m3	2	9/1/2010 6:13:00 PM
Methyl tert-butyl ether	< 1.1	1.1		ug/m3	2	9/1/2010 6:13:00 PM
Methylene chloride	3.8	1.1		ug/m3	2	9/1/2010 6:13:00 PM
o-Xylene	2.3	1.3		ug/m3	2	9/1/2010 6:13:00 PM
Propylene	< 0.52	0.52		ug/m3	2	9/1/2010 6:13:00 PM
Styrene	1.0	1.3	J	ug/m3	2	9/1/2010 6:13:00 PM
Tetrachloroethylene	2.8	2.1		ug/m3	2	9/1/2010 6:13:00 PM
Tetrahydrofuran	< 0.90	0.90		ug/m3	2	9/1/2010 6:13:00 PM
Toluene	25	5.7		ug/m3	10	9/3/2010 2:04:00 AM
trans-1,2-Dichloroethene	< 1.2	1.2		ug/m3	2	9/1/2010 6:13:00 PM
trans-1,3-Dichloropropene	< 1.4	1.4		ug/m3	2	9/1/2010 6:13:00 PM
Trichloroethene	13	1.6		ug/m3	2	9/1/2010 6:13:00 PM
Vinyl acetate	< 1.1	1.1		ug/m3	2	9/1/2010 6:13:00 PM
Vinyl Bromide	< 1.3	1.3		ug/m3	2	9/1/2010 6:13:00 PM
Vinyl chloride	< 0.78	0.78		ug/m3	2	9/1/2010 6:13:00 PM

NOTES:
* The reporting limits were raised due to limited amount of sample.

Qualifiers:	**	Reporting Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0103-IA-05N
Lab Order:	C1008068	**Tag Number:**	564,394
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,2,4-Trimethylbenzene	0.80	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,3,5-Trimethylbenzene	0.26	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 3:59:00 AM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	8/31/2010 3:59:00 AM
4-ethyltoluene	0.17	0.15		ppbV	1	8/31/2010 3:59:00 AM
Acetone	20	1.5	E	ppbV	5	8/31/2010 8:53:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Benzene	0.31	0.15		ppbV	1	8/31/2010 3:59:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 3:59:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Cyclohexane	1.0	0.15		ppbV	1	8/31/2010 3:59:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0103-IA-05N
Lab Order:	C1008068	**Tag Number:**	564,394
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.87	0.25		ppbV	1	8/31/2010 3:59:00 AM
Ethylbenzene	0.29	0.15		ppbV	1	8/31/2010 3:59:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Heptane	0.56	0.15		ppbV	1	8/31/2010 3:59:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Hexane	0.78	0.15		ppbV	1	8/31/2010 3:59:00 AM
Isopropyl alcohol	190	0.75	E	ppbV	5	8/31/2010 8:53:00 PM
m&p-Xylene	0.93	0.30		ppbV	1	8/31/2010 3:59:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 3:59:00 AM
Methyl Ethyl Ketone	1.5	0.30		ppbV	1	8/31/2010 3:59:00 AM
Methyl Isobutyl Ketone	0.47	0.30		ppbV	1	8/31/2010 3:59:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
o-Xylene	0.26	0.15		ppbV	1	8/31/2010 3:59:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Styrene	0.13	0.15	J	ppbV	1	8/31/2010 3:59:00 AM
Tetrachloroethylene	0.12	0.15	J	ppbV	1	8/31/2010 3:59:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Toluene	5.2	0.75		ppbV	5	8/31/2010 8:53:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Trichloroethene	0.24	0.040		ppbV	1	8/31/2010 3:59:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 3:59:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 3:59:00 AM
Surr: Bromofluorobenzene	109	70-130		%REC	1	8/31/2010 3:59:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0103-IA-05N
Lab Order:	C1008068	**Tag Number:**	564,394
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 3:59:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 3:59:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 3:59:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 3:59:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:59:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 3:59:00 AM
1,2,4-Trimethylbenzene	4.0	0.75		ug/m3	1	8/31/2010 3:59:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 3:59:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:59:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 3:59:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 3:59:00 AM
1,3,5-Trimethylbenzene	1.3	0.75		ug/m3	1	8/31/2010 3:59:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 3:59:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:59:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 3:59:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 3:59:00 AM
2,2,4-trimethylpentane	0.66	0.71	J	ug/m3	1	8/31/2010 3:59:00 AM
4-ethyltoluene	0.85	0.75		ug/m3	1	8/31/2010 3:59:00 AM
Acetone	47	3.6	E	ug/m3	5	8/31/2010 8:53:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 3:59:00 AM
Benzene	1.0	0.49		ug/m3	1	8/31/2010 3:59:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 3:59:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 3:59:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 3:59:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 3:59:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 3:59:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 3:59:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 3:59:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 3:59:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 3:59:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 3:59:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:59:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 3:59:00 AM
Cyclohexane	3.5	0.52		ug/m3	1	8/31/2010 3:59:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 3:59:00 AM
Ethyl acetate	3.2	0.92		ug/m3	1	8/31/2010 3:59:00 AM
Ethylbenzene	1.3	0.66		ug/m3	1	8/31/2010 3:59:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 3:59:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0103-IA-05N
Lab Order:	C1008068	**Tag Number:**	564,394
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-014A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 3:59:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 3:59:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 3:59:00 AM
Heptane	2.3	0.62		ug/m3	1	8/31/2010 3:59:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 3:59:00 AM
Hexane	2.8	0.54		ug/m3	1	8/31/2010 3:59:00 AM
Isopropyl alcohol	470	1.9	E	ug/m3	5	8/31/2010 8:53:00 PM
m&p-Xylene	4.1	1.3		ug/m3	1	8/31/2010 3:59:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 3:59:00 AM
Methyl Ethyl Ketone	4.6	0.90		ug/m3	1	8/31/2010 3:59:00 AM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	8/31/2010 3:59:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 3:59:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 3:59:00 AM
o-Xylene	1.1	0.66		ug/m3	1	8/31/2010 3:59:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 3:59:00 AM
Styrene	0.56	0.65	J	ug/m3	1	8/31/2010 3:59:00 AM
Tetrachloroethylene	0.83	1.0	J	ug/m3	1	8/31/2010 3:59:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 3:59:00 AM
Toluene	20	2.9		ug/m3	5	8/31/2010 8:53:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 3:59:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 3:59:00 AM
Trichloroethene	1.3	0.22		ug/m3	1	8/31/2010 3:59:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 3:59:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 3:59:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 3:59:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0109-IA-5N
Lab Order:	C1008068	**Tag Number:**	197,82
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,2,4-Trimethylbenzene	0.71	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,3,5-Trimethylbenzene	0.32	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	8/31/2010 4:38:00 AM
2,2,4-trimethylpentane	0.14	0.15	J	ppbV	1	8/31/2010 4:38:00 AM
4-ethyltoluene	0.20	0.15		ppbV	1	8/31/2010 4:38:00 AM
Acetone	19	0.30	E	ppbV	1	8/31/2010 4:38:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Benzene	0.28	0.15		ppbV	1	8/31/2010 4:38:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Bromoform	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Carbon tetrachloride	0.090	0.040		ppbV	1	8/31/2010 4:38:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Chloroform	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0109-IA-5N
Lab Order:	C1008068	**Tag Number:**	197,82
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Ethyl acetate	1.7	0.25		ppbV	1	8/31/2010 4:38:00 AM
Ethylbenzene	0.19	0.15		ppbV	1	8/31/2010 4:38:00 AM
Freon 11	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Freon 113	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Freon 114	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Freon 12	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Heptane	0.34	0.15		ppbV	1	8/31/2010 4:38:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Hexane	0.56	0.15		ppbV	1	8/31/2010 4:38:00 AM
Isopropyl alcohol	180	0.15	E	ppbV	1	8/31/2010 4:38:00 AM
m&p-Xylene	0.61	0.30		ppbV	1	8/31/2010 4:38:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 4:38:00 AM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	8/31/2010 4:38:00 AM
Methyl Isobutyl Ketone	0.25	0.30	J	ppbV	1	8/31/2010 4:38:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
o-Xylene	0.21	0.15		ppbV	1	8/31/2010 4:38:00 AM
Propylene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Styrene	0.10	0.15	J	ppbV	1	8/31/2010 4:38:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Toluene	1.8	0.15		ppbV	1	8/31/2010 4:38:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Trichloroethene	0.12	0.040		ppbV	1	8/31/2010 4:38:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	8/31/2010 4:38:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	8/31/2010 4:38:00 AM
Surr: Bromofluorobenzene	103	70-130		%REC	1	8/31/2010 4:38:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0109-IA-5N
Lab Order:	C1008068	**Tag Number:**	197,82
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 4:38:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	8/31/2010 4:38:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	8/31/2010 4:38:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 4:38:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 4:38:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	8/31/2010 4:38:00 AM
1,2,4-Trimethylbenzene	3.5	0.75		ug/m3	1	8/31/2010 4:38:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	8/31/2010 4:38:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 4:38:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	8/31/2010 4:38:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	8/31/2010 4:38:00 AM
1,3,5-Trimethylbenzene	1.6	0.75		ug/m3	1	8/31/2010 4:38:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	8/31/2010 4:38:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 4:38:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	8/31/2010 4:38:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	8/31/2010 4:38:00 AM
2,2,4-trimethylpentane	0.66	0.71	J	ug/m3	1	8/31/2010 4:38:00 AM
4-ethyltoluene	1.0	0.75		ug/m3	1	8/31/2010 4:38:00 AM
Acetone	45	0.72	E	ug/m3	1	8/31/2010 4:38:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	8/31/2010 4:38:00 AM
Benzene	0.91	0.49		ug/m3	1	8/31/2010 4:38:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	8/31/2010 4:38:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	8/31/2010 4:38:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	8/31/2010 4:38:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	8/31/2010 4:38:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	8/31/2010 4:38:00 AM
Carbon tetrachloride	0.58	0.26		ug/m3	1	8/31/2010 4:38:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	8/31/2010 4:38:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	8/31/2010 4:38:00 AM
Chloroform	< 0.74	0.74		ug/m3	1	8/31/2010 4:38:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	8/31/2010 4:38:00 AM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 4:38:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 4:38:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	8/31/2010 4:38:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	8/31/2010 4:38:00 AM
Ethyl acetate	6.1	0.92		ug/m3	1	8/31/2010 4:38:00 AM
Ethylbenzene	0.84	0.66		ug/m3	1	8/31/2010 4:38:00 AM
Freon 11	< 0.86	0.86		ug/m3	1	8/31/2010 4:38:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0109-IA-5N
Lab Order:	C1008068	**Tag Number:**	197,82
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-015A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 113	< 1.2	1.2		ug/m3	1	8/31/2010 4:38:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	8/31/2010 4:38:00 AM
Freon 12	< 0.75	0.75		ug/m3	1	8/31/2010 4:38:00 AM
Heptane	1.4	0.62		ug/m3	1	8/31/2010 4:38:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	8/31/2010 4:38:00 AM
Hexane	2.0	0.54		ug/m3	1	8/31/2010 4:38:00 AM
Isopropyl alcohol	460	0.37	E	ug/m3	1	8/31/2010 4:38:00 AM
m&p-Xylene	2.7	1.3		ug/m3	1	8/31/2010 4:38:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	8/31/2010 4:38:00 AM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	8/31/2010 4:38:00 AM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	8/31/2010 4:38:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	8/31/2010 4:38:00 AM
Methylene chloride	< 0.53	0.53		ug/m3	1	8/31/2010 4:38:00 AM
o-Xylene	0.93	0.66		ug/m3	1	8/31/2010 4:38:00 AM
Propylene	< 0.26	0.26		ug/m3	1	8/31/2010 4:38:00 AM
Styrene	0.43	0.65	J	ug/m3	1	8/31/2010 4:38:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	8/31/2010 4:38:00 AM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	8/31/2010 4:38:00 AM
Toluene	6.9	0.57		ug/m3	1	8/31/2010 4:38:00 AM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	8/31/2010 4:38:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	8/31/2010 4:38:00 AM
Trichloroethene	0.66	0.22		ug/m3	1	8/31/2010 4:38:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	8/31/2010 4:38:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	8/31/2010 4:38:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	8/31/2010 4:38:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0109-SS-05N
Lab Order:	C1008068	**Tag Number:**	430,374
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-3			"Hg		8/30/2010
Lab Vacuum Out	-30			"Hg		8/30/2010
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	1.4	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,2,4-Trimethylbenzene	0.53	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,3,5-Trimethylbenzene	0.17	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	9/1/2010 6:50:00 PM
2,2,4-trimethylpentane	0.16	0.15		ppbV	1	9/1/2010 6:50:00 PM
4-ethyltoluene	0.11	0.15	J	ppbV	1	9/1/2010 6:50:00 PM
Acetone	21	0.30		ppbV	1	9/1/2010 6:50:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Benzene	0.23	0.15		ppbV	1	9/1/2010 6:50:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Bromoform	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Carbon disulfide	0.12	0.15	J	ppbV	1	9/1/2010 6:50:00 PM
Carbon tetrachloride	0.20	0.15		ppbV	1	9/1/2010 6:50:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Chloroform	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Chloromethane	0.38	0.15		ppbV	1	9/1/2010 6:50:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Cyclohexane	0.53	0.15		ppbV	1	9/1/2010 6:50:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report

Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0109-SS-05N
Lab Order:	C1008068	**Tag Number:**	430,374
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethyl acetate	0.33	0.25		ppbV	1	9/1/2010 6:50:00 PM
Ethylbenzene	0.12	0.15	J	ppbV	1	9/1/2010 6:50:00 PM
Freon 11	0.29	0.15		ppbV	1	9/1/2010 6:50:00 PM
Freon 113	0.41	0.15		ppbV	1	9/1/2010 6:50:00 PM
Freon 114	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Freon 12	0.57	0.15		ppbV	1	9/1/2010 6:50:00 PM
Heptane	0.19	0.15		ppbV	1	9/1/2010 6:50:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Hexane	0.41	0.15		ppbV	1	9/1/2010 6:50:00 PM
Isopropyl alcohol	290	0.15		ppbV	1	9/1/2010 6:50:00 PM
m&p-Xylene	0.38	0.30		ppbV	1	9/1/2010 6:50:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	9/1/2010 6:50:00 PM
Methyl Ethyl Ketone	0.65	0.30		ppbV	1	9/1/2010 6:50:00 PM
Methyl Isobutyl Ketone	0.25	0.30	J	ppbV	1	9/1/2010 6:50:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Methylene chloride	0.27	0.15		ppbV	1	9/1/2010 6:50:00 PM
o-Xylene	0.18	0.15		ppbV	1	9/1/2010 6:50:00 PM
Propylene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Styrene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Tetrachloroethylene	0.26	0.15		ppbV	1	9/1/2010 6:50:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Toluene	1.1	0.15		ppbV	1	9/1/2010 6:50:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Trichloroethene	0.29	0.15		ppbV	1	9/1/2010 6:50:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	9/1/2010 6:50:00 PM
Surr: Bromofluorobenzene	105	70-130		%REC	1	9/1/2010 6:50:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0109-SS-05N
Lab Order:	C1008068	**Tag Number:**	430,374
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	7.7	0.83		ug/m3	1	9/1/2010 6:50:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/1/2010 6:50:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/1/2010 6:50:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 6:50:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 6:50:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/1/2010 6:50:00 PM
1,2,4-Trimethylbenzene	2.6	0.75		ug/m3	1	9/1/2010 6:50:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/1/2010 6:50:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:50:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/1/2010 6:50:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/1/2010 6:50:00 PM
1,3,5-Trimethylbenzene	0.85	0.75		ug/m3	1	9/1/2010 6:50:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/1/2010 6:50:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:50:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/1/2010 6:50:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/1/2010 6:50:00 PM
2,2,4-trimethylpentane	0.76	0.71		ug/m3	1	9/1/2010 6:50:00 PM
4-ethyltoluene	0.55	0.75	J	ug/m3	1	9/1/2010 6:50:00 PM
Acetone	50	0.72		ug/m3	1	9/1/2010 6:50:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/1/2010 6:50:00 PM
Benzene	0.75	0.49		ug/m3	1	9/1/2010 6:50:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/1/2010 6:50:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/1/2010 6:50:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/1/2010 6:50:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/1/2010 6:50:00 PM
Carbon disulfide	0.38	0.47	J	ug/m3	1	9/1/2010 6:50:00 PM
Carbon tetrachloride	1.3	0.96		ug/m3	1	9/1/2010 6:50:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/1/2010 6:50:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/1/2010 6:50:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/1/2010 6:50:00 PM
Chloromethane	0.80	0.31		ug/m3	1	9/1/2010 6:50:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 6:50:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 6:50:00 PM
Cyclohexane	1.9	0.52		ug/m3	1	9/1/2010 6:50:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/1/2010 6:50:00 PM
Ethyl acetate	1.2	0.92		ug/m3	1	9/1/2010 6:50:00 PM
Ethylbenzene	0.53	0.66	J	ug/m3	1	9/1/2010 6:50:00 PM
Freon 11	1.7	0.86		ug/m3	1	9/1/2010 6:50:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Analytical Report
Date: *13-Sep-10*

CLIENT:	AECOM	**Client Sample ID:**	SL0109-SS-05N
Lab Order:	C1008068	**Tag Number:**	430,374
Project:	AFP 59 60160780.08	**Collection Date:**	8/27/2010
Lab ID:	C1008068-016A	**Matrix:**	

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 113	3.2	1.2		ug/m3	1	9/1/2010 6:50:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/1/2010 6:50:00 PM
Freon 12	2.9	0.75		ug/m3	1	9/1/2010 6:50:00 PM
Heptane	0.79	0.62		ug/m3	1	9/1/2010 6:50:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/1/2010 6:50:00 PM
Hexane	1.5	0.54		ug/m3	1	9/1/2010 6:50:00 PM
Isopropyl alcohol	720	0.37		ug/m3	1	9/1/2010 6:50:00 PM
m&p-Xylene	1.7	1.3		ug/m3	1	9/1/2010 6:50:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/1/2010 6:50:00 PM
Methyl Ethyl Ketone	1.9	0.90		ug/m3	1	9/1/2010 6:50:00 PM
Methyl Isobutyl Ketone	1.0	1.2	J	ug/m3	1	9/1/2010 6:50:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/1/2010 6:50:00 PM
Methylene chloride	0.95	0.53		ug/m3	1	9/1/2010 6:50:00 PM
o-Xylene	0.79	0.66		ug/m3	1	9/1/2010 6:50:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/1/2010 6:50:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/1/2010 6:50:00 PM
Tetrachloroethylene	1.8	1.0		ug/m3	1	9/1/2010 6:50:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/1/2010 6:50:00 PM
Toluene	4.1	0.57		ug/m3	1	9/1/2010 6:50:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/1/2010 6:50:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/1/2010 6:50:00 PM
Trichloroethene	1.6	0.82		ug/m3	1	9/1/2010 6:50:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/1/2010 6:50:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/1/2010 6:50:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/1/2010 6:50:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

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A Hand-Annotated Data Summary Forms

1.0 INTRODUCTION

This data validation review pertains to groundwater samples collected in November 2010 at Air Force Plant 59 (AFP 59). Parameters evaluated in groundwater samples included the total concentration of volatile organic constituent (VOC). The samples were analyzed by Test America in Arvada, Colorado.

Data validation review is an after-the-fact technical review of analytical data whereby the quality and usability of the data are determined based on a set of predefined criteria. These criteria depend upon the type of data involved and the purpose for which those data were collected. Data validation review assesses whether and to what extent specified criteria were met, and places restrictions on data use based on quality parameters. The data validation review process can range from a cursory review used to detect out-of-control situations to a detailed evaluation, depending on the analytical protocol, the associated quality control samples collected, and the intended data use.

Specific criteria for data quality review may include, but are not limited to: technical holding times, analysis of blanks, surrogate spike recovery, analysis of duplicates, and reported practical quantitation limits (PQLs). Where applicable, the recommendations of USEPA SW-846 Test Methods for Evaluating Solid Waste (Third Edition, December 1996) or USEPA Methods for Chemical Analysis of Water and Wastes (Revised March 1983) analytical method requirements, USEPA CLP National Functional Guidelines for Organic and Inorganic Data Review (February 1994, Functional Guidelines) data review guidance, and professional judgment.

Table 1 presents the data qualifiers applied during this review effort and their meanings.

Table 1
Data Qualifiers

Qualifier	Description
J	This is an estimated value.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

Table 2 provides a cross-reference list for field sample IDs and lab sample IDs from Test America.

Table 2
Field Sample ID/Lab Sample ID Cross Reference
Lot 280-10004

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
SW1WG1	280-10004-1	SW7WG1	280-10004-7
SW1WG9	280-10004-2	URS5SWG1	280-10004-8
DW1WG1	280-10004-3	URS2DWG1	280-10004-9
DW1WG1MS	280-10004-3	URS2SWG1	280-10004-10
DW1WG1MSD	280-10004-3	EB111710	280-10004-11
SW3WG1	280-10004-4	TRIP BLANK	280-10004-12
DW3WG1	280-10004-5	URS3DWG1	280-10004-13
SW4WG1	280-10004-6		

During the data validation review process, laboratory qualified and unqualified data are verified against all available supporting documentation. Based on this review, qualifier codes may be added, deleted, or modified by the validator. Final results are therefore either qualified or unqualified. (Note: In those cases where the laboratory added a "U" flag indicated a non-detect result, and the validator agrees with this flag, then it remains intact, as noted on the corresponding Form I.) Changes to the data are reflected on the Form I's in Appendix A.

2.0 VOLATILE ORGANIC CONSTITUENTS

Volatile organic constituents were analyzed using EPA Test Method for Evaluating Solid Waste (SW-846) Method 8260B.

2.1 Holding Times

All samples were extracted and analyzed within prescribed hold times. No qualification is needed.

2.2 Calibration

For the Initial Calibration run, target constituent RRF values were all greater than 0.05 and the %RSD values were less than 30% for all target constituents. No qualification is needed based on this information.

Continuing calibration verifications were performed at the required frequency. The %D results were within 20% for all target constituents. Likewise, recoveries were within control limits in the Second Source Calibration Standard and no qualification is needed.

Sample URS2DWG1 (280-10004-9) required a dilution to bring target compounds within instrument calibration range.

The hand-annotated data summary sheets (referred to as Form I's) are provided as Appendix A.

It is noted that for those results which were less than the RL but greater than the MDL, the laboratory assigned an "F" flag, indicating an estimated value. Unless qualified otherwise, the validator removes the F flag and replaces it with the "J" qualifier, indicating an estimated value.

2.3 Laboratory Control Samples

The corresponding laboratory control sample exhibited constituent recoveries within the appropriate control range for all target volatile constituents. No qualification is needed.

2.4 Blanks

No positive results above the corresponding method detection limit were detected in method blank. No qualification is needed.

Acetone and methylene chloride was detected in the trip blank at 2.6 ug/L and 0.24 ug/L, respectively. The validator qualifies **U** any positive acetone results less than 26 ug/L and any positive methylene chloride results less than 2.4 ug/L. (samples taken on 11/16/2010)

Acetone and chloroform was detected in the equipment blank at 1.8 ug/L and 0.19 ug/L, respectively. Since the acetone result was qualified by the validator as noted above, no additional qualification is needed for this constituent. The validator qualifies U any positive chloroform results less 0.95 ug/L.

2.5 Matrix Spike/Matrix Spike Duplicate

Sample DW1WG1 served as the MS/MSD sample. Recoveries were within control limits for both the MS and MSD. RPD values also were within control limits. No qualification is needed.

2.6 Surrogate Recovery

Surrogate recoveries were within control limits for all samples. No qualification is needed.

2.7 Internal Standards

All internal standards area counts and retention times were within control limits for all samples. No qualification is needed based on the internal standard information provided.

2.8 Duplicates

A field duplicate was collected for sample SW1. Agreement is excellent and no qualification is necessary. A comparison of field sample and duplicate is presented in Table 3.

Table 3: Duplicate Comparison (µg/L)

Analyte	Reporting Limit (RL)	59SW7WG1	59SW7WG9	Relative Percent Difference (RPD)
1,1,1-Trichloroethane	**1.0**	**0.11F**	**0.11F**	**0%**
Toluene	**1.0**	**0.083F**	**0.073F**	**12%**

2.8 Summary

The data completeness is 100%. All of the data points for the volatile analysis of groundwater samples are useable with the appropriate qualifiers.

Chain of Custody Record

0.8 IR1
NP 11/19

Sampler ID _____
Temperature on Receipt _____
Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124-280 (0508)

Client	Project Manager	Date	Chain of Custody Number
AECOM	Drew Foley	11/18/10	128742
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
675 N. Washington St. Suite 300	703-549-8728		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Alexandria / VA / 22314	Drew Foley	Devin Chicoine	
Project Name and Location (State)	**Carrier/Waybill Number**		
AFP59-LTM			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOC	dioxane	Special Instructions/ Conditions of Receipt
SW1WG1	11/17/10	1050		X						3			X		
SW1WG9	11/17/10	1055		X						3			X		
DW1WG1	11/17/10	1300		X						3			X		
DW1WG1MS	11/17/10	1310		X						3			X		MS
DW1WG1MSD	11/17/10	1315		X						3			X		MSD
SW3WG1	11/16/10	1845		X						3			X		
DW3WG1	11/16/10	1820		X						3			X		
SW4WG1	11/17/10	1425		X						3			X		
SW7WG1	11/17/10	0930		X						3			X		
URS5SWG1	11/16/10	2040		X						3			X		
URS2DWG1	11/17/10	1300		X						3			X		
URS2SWG1	11/17/10	1415		X						3			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Helen A. for	11/18/10	1100	1. Received By	11/19/10	930
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

12/16/2010

Chain of Custody Record

Sampler ID _____

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124-280 (0508)

Client	Project Manager	Date	Chain of Custody Number
AECOM	Drew Foley	11/18/10	128739
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
675 N. Washington St Suite 300	703-549-8728		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Alexandria / VA / 22314	D. Foley	D. Chicoine	
Project Name and Location (State)	**Carrier/Waybill Number**		
AFP59-LTM			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOC	dioxane	Special Instructions/ Conditions of Receipt
EB111710	11/17/10	1500		X						3			X		
Trip Blank				X						3			X		
MRS3DWG1	11/18/10	0817		X			2			3			X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Julie A. Jones	11/18/10	1100	1. Received By	11/19/10	930
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

12/16/2010

SAMPLE SUMMARY

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-10004-1	SW1WG1	Water	11/17/2010 1050	11/19/2010 0930
280-10004-2	SW1WG9	Water	11/17/2010 1055	11/19/2010 0930
280-10004-3	DW1WG1	Water	11/17/2010 1300	11/19/2010 0930
280-10004-3MS	DW1WG1	Water	11/17/2010 1300	11/19/2010 0930
280-10004-3MSD	DW1WG1	Water	11/17/2010 1300	11/19/2010 0930
280-10004-4	SW3WG1	Water	11/16/2010 1845	11/19/2010 0930
280-10004-5	DW3WG1	Water	11/16/2010 1820	11/19/2010 0930
280-10004-6	SW4WG1	Water	11/17/2010 1425	11/19/2010 0930
280-10004-7	SW7WG1	Water	11/17/2010 0930	11/19/2010 0930
280-10004-8	URS5SWG1	Water	11/16/2010 2040	11/19/2010 0930
280-10004-9	URS2DWG1	Water	11/17/2010 1300	11/19/2010 0930
280-10004-10	URS2SWG1	Water	11/17/2010 1415	11/19/2010 0930
280-10004-11	EB111710	Water	11/17/2010 1500	11/19/2010 0930
280-10004-12	TRIP BLANK	Water	11/17/2010 0000	11/19/2010 0930
280-10004-13	URS3DWG1	Water	11/18/2010 0817	11/19/2010 0930

EXECUTIVE SUMMARY - Detections

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
280-10004-1	**SW1WG1**					
Toluene		0.083	F	1.0	ug/L	8260B/AFCEE
1,1,1-Trichloroethane		0.11	F	1.0	ug/L	8260B/AFCEE
280-10004-2	**SW1WG9**					
Toluene		0.073	F	1.0	ug/L	8260B/AFCEE
1,1,1-Trichloroethane		0.11	F	1.0	ug/L	8260B/AFCEE
280-10004-3	**DW1WG1**					
1,1,1-Trichloroethane		0.18	F	1.0	ug/L	8260B/AFCEE
280-10004-4	**SW3WG1**					
cis-1,2-Dichloroethene		0.17	F	1.0	ug/L	8260B/AFCEE
Chloroform		0.068	F	0.30	ug/L	8260B/AFCEE
1,1,1-Trichloroethane		0.41	F	1.0	ug/L	8260B/AFCEE
Trichloroethene		0.59	F	1.0	ug/L	8260B/AFCEE
280-10004-5	**DW3WG1**					
Toluene		0.095	F	1.0	ug/L	8260B/AFCEE
cis-1,2-Dichloroethene		8.4		1.0	ug/L	8260B/AFCEE
Acetone		3.6	F	10	ug/L	8260B/AFCEE
280-10004-6	**SW4WG1**					
Toluene		0.096	F	1.0	ug/L	8260B/AFCEE
Tetrachloroethene		0.20	F	1.0	ug/L	8260B/AFCEE
cis-1,2-Dichloroethene		3.2		1.0	ug/L	8260B/AFCEE
trans-1,2-Dichloroethene		0.27	F	1.0	ug/L	8260B/AFCEE
1,1,1-Trichloroethane		1.6		1.0	ug/L	8260B/AFCEE
Methylene Chloride		0.28	F	2.0	ug/L	8260B/AFCEE
1,1-Dichloroethane		1.1		1.0	ug/L	8260B/AFCEE
1,1-Dichloroethene		0.64	F	1.0	ug/L	8260B/AFCEE
Trichloroethene		48		1.0	ug/L	8260B/AFCEE
Trichlorofluoromethane		0.69	F	1.0	ug/L	8260B/AFCEE

EXECUTIVE SUMMARY - Detections

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
280-10004-7	**SW7WG1**					
Tetrachloroethene		0.27	F	1.0	ug/L	8260B/AFCEE
cis-1,2-Dichloroethene		4.3		1.0	ug/L	8260B/AFCEE
trans-1,2-Dichloroethene		0.096	F	1.0	ug/L	8260B/AFCEE
1,1,1-Trichloroethane		1.0		1.0	ug/L	8260B/AFCEE
1,1-Dichloroethane		0.58	F	1.0	ug/L	8260B/AFCEE
1,1-Dichloroethene		0.21	F	1.0	ug/L	8260B/AFCEE
Trichloroethene		2.4		1.0	ug/L	8260B/AFCEE
280-10004-8	**URS5SWG1**					
Toluene		0.079	F	1.0	ug/L	8260B/AFCEE
Chloroform		0.057	F	0.30	ug/L	8260B/AFCEE
1,1,1-Trichloroethane		0.24	F	1.0	ug/L	8260B/AFCEE
Trichloroethene		0.37	F	1.0	ug/L	8260B/AFCEE
280-10004-9	**URS2DWG1**					
Toluene		0.095	F	1.0	ug/L	8260B/AFCEE
cis-1,2-Dichloroethene		69		2.0	ug/L	8260B/AFCEE
trans-1,2-Dichloroethene		0.11	F	1.0	ug/L	8260B/AFCEE
Vinyl chloride		0.22	F	1.0	ug/L	8260B/AFCEE
1,1-Dichloroethane		0.23	F	1.0	ug/L	8260B/AFCEE
280-10004-10	**URS2SWG1**					
Toluene		0.087	F	1.0	ug/L	8260B/AFCEE
cis-1,2-Dichloroethene		1.3		1.0	ug/L	8260B/AFCEE
Chloroform		0.093	F	0.30	ug/L	8260B/AFCEE
1,1,1-Trichloroethane		2.2		1.0	ug/L	8260B/AFCEE
1,1-Dichloroethane		1.1		1.0	ug/L	8260B/AFCEE
1,1-Dichloroethene		0.37	F	1.0	ug/L	8260B/AFCEE
Trichloroethene		2.6		1.0	ug/L	8260B/AFCEE
280-10004-11	**EB111710**					
Acetone		1.8	F	10	ug/L	8260B/AFCEE
Chloroform		0.19	F	0.30	ug/L	8260B/AFCEE
280-10004-12	**TRIP BLANK**					
Acetone		2.6	F	10	ug/L	8260B/AFCEE
Methylene Chloride		0.24	F	2.0	ug/L	8260B/AFCEE

EXECUTIVE SUMMARY - Detections

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
280-10004-13	**URS3DWG1**					
Toluene		0.10	F	1.0	ug/L	8260B/AFCEE
cis-1,2-Dichloroethene		0.76	F	1.0	ug/L	8260B/AFCEE
Chloroform		0.084	F	0.30	ug/L	8260B/AFCEE
1,1,1-Trichloroethane		0.80	F	1.0	ug/L	8260B/AFCEE
1,1-Dichloroethane		0.11	F	1.0	ug/L	8260B/AFCEE
1,1-Dichloroethene		0.10	F	1.0	ug/L	8260B/AFCEE
Trichloroethene		1.4		1.0	ug/L	8260B/AFCEE
1,4-Dioxane		2.9		1.1	ug/L	8270C LL

METHOD SUMMARY

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B/AFCEE	
Purge and Trap	TAL DEN		SW846 5030B
Semivolatile Organic Compounds by GCMS - Low Levels	TAL DEN	SW846 8270C LL	
Liquid-Liquid Extraction (Continuous)	TAL DEN		SW846 3520C

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Method	Analyst	Analyst ID
SW846 8260B/AFCEE	Meier, Greg P	GPM
SW846 8270C LL	Wolfe, Ashley E	AEW

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW1WG1**

Lab Sample ID: 280-10004-1 Date Sampled: 11/17/2010 1050
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method: 8260B/AFCEE Analysis Batch: 280-42896 Instrument ID: MSV_H
Preparation: 5030B Lab File ID: H9823.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Date Analyzed: 11/29/2010 1031 Final Weight/Volume: 20 mL
Date Prepared: 11/29/2010 1031

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.083	F	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	0.098	U	0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.052	U	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.11	F	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.057	U	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.10	U	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW1WG1**

Lab Sample ID: 280-10004-1 Date Sampled: 11/17/2010 1050
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9823.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1031			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1031				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		81 - 120
Dibromofluoromethane (Surr)	102		85 - 115
4-Bromofluorobenzene (Surr)	108		76 - 119
1,2-Dichloroethane-d4 (Surr)	89		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW1WG9**

Lab Sample ID: 280-10004-2 Date Sampled: 11/17/2010 1055
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method: 8260B/AFCEE Analysis Batch: 280-42896 Instrument ID: MSV_H
Preparation: 5030B Lab File ID: H9824.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Date Analyzed: 11/29/2010 1053 Final Weight/Volume: 20 mL
Date Prepared: 11/29/2010 1053

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.073	F	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	0.098	U	0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.052	U	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.11	F	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.057	U	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.10	U	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW1WG9**

Lab Sample ID: 280-10004-2 Date Sampled: 11/17/2010 1055
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method: 8260B/AFCEE Analysis Batch: 280-42896 Instrument ID: MSV_H
Preparation: 5030B Lab File ID: H9824.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Date Analyzed: 11/29/2010 1053 Final Weight/Volume: 20 mL
Date Prepared: 11/29/2010 1053

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		81 - 120
Dibromofluoromethane (Surr)	100		85 - 115
4-Bromofluorobenzene (Surr)	108		76 - 119
1,2-Dichloroethane-d4 (Surr)	90		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **DW1WG1**

Lab Sample ID: 280-10004-3 Date Sampled: 11/17/2010 1300
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9820.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 0926			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 0926				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.068	U	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	0.098	U	0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.052	U	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.18	F	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.057	U	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.10	U	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **DW1WG1**

Lab Sample ID: 280-10004-3 Date Sampled: 11/17/2010 1300
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896	Instrument ID: MSV_H
Preparation:	5030B		Lab File ID: H9820.D
Dilution:	1.0		Initial Weight/Volume: 20 mL
Date Analyzed:	11/29/2010 0926		Final Weight/Volume: 20 mL
Date Prepared:	11/29/2010 0926		

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	98		81 - 120
Dibromofluoromethane (Surr)	100		85 - 115
4-Bromofluorobenzene (Surr)	106		76 - 119
1,2-Dichloroethane-d4 (Surr)	87		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW3WG1**

Lab Sample ID: 280-10004-4 Date Sampled: 11/16/2010 1845
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9825.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1115			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.068	U	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	0.17	F	0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.068	F	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.41	F	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.057	U	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.59	F	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW3WG1**

Lab Sample ID: 280-10004-4 Date Sampled: 11/16/2010 1845
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9825.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1115			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		81 - 120
Dibromofluoromethane (Surr)	102		85 - 115
4-Bromofluorobenzene (Surr)	107		76 - 119
1,2-Dichloroethane-d4 (Surr)	90		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **DW3WG1**

Lab Sample ID: 280-10004-5 Date Sampled: 11/16/2010 1820
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method: 8260B/AFCEE Analysis Batch: 280-42896 Instrument ID: MSV_H
Preparation: 5030B Lab File ID: H9826.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Date Analyzed: 11/29/2010 1136 Final Weight/Volume: 20 mL
Date Prepared: 11/29/2010 1136

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.095	F	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	8.4		0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	3.6	F	1.6	10
Chloroform	0.052	U	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.053	U	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.057	U	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.10	U	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **DW3WG1**

Lab Sample ID: 280-10004-5 Date Sampled: 11/16/2010 1820
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9826.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1136			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1136				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		81 - 120
Dibromofluoromethane (Surr)	101		85 - 115
4-Bromofluorobenzene (Surr)	109		76 - 119
1,2-Dichloroethane-d4 (Surr)	89		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW4WG1**

Lab Sample ID: 280-10004-6 Date Sampled: 11/17/2010 1425
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method: 8260B/AFCEE Analysis Batch: 280-42896 Instrument ID: MSV_H
Preparation: 5030B Lab File ID: H9827.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Date Analyzed: 11/29/2010 1158 Final Weight/Volume: 20 mL
Date Prepared: 11/29/2010 1158

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.096	F	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.20	F	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	3.2		0.098	1.0
trans-1,2-Dichloroethene	0.27	F	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.052	U	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	1.6		0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.28	F	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	1.1		0.057	1.0
1,1-Dichloroethene	0.64	F	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	48		0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW4WG1**

Lab Sample ID: 280-10004-6 Date Sampled: 11/17/2010 1425
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9827.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1158			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1158				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.69	F	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		81 - 120
Dibromofluoromethane (Surr)	100		85 - 115
4-Bromofluorobenzene (Surr)	106		76 - 119
1,2-Dichloroethane-d4 (Surr)	91		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW7WG1**

Lab Sample ID: 280-10004-7 Date Sampled: 11/17/2010 0930
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method: 8260B/AFCEE Analysis Batch: 280-42896 Instrument ID: MSV_H
Preparation: 5030B Lab File ID: H9828.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Date Analyzed: 11/29/2010 1219 Final Weight/Volume: 20 mL
Date Prepared: 11/29/2010 1219

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.068	U	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.27	F	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	4.3		0.098	1.0
trans-1,2-Dichloroethene	0.096	F	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.052	U	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	1.0		0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.58	F	0.057	1.0
1,1-Dichloroethene	0.21	F	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	2.4		0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **SW7WG1**

Lab Sample ID: 280-10004-7 Date Sampled: 11/17/2010 0930
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9828.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1219			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1219				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	99		81 - 120
Dibromofluoromethane (Surr)	100		85 - 115
4-Bromofluorobenzene (Surr)	106		76 - 119
1,2-Dichloroethane-d4 (Surr)	87		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS5SWG1**

Lab Sample ID: 280-10004-8 Date Sampled: 11/16/2010 2040
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9829.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1241			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1241				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.079	F	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	0.098	U	0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.057	F	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.24	F	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.057	U	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.37	F	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS5SWG1**

Lab Sample ID: 280-10004-8 Date Sampled: 11/16/2010 2040
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9829.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1241			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1241				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	95		81 - 120
Dibromofluoromethane (Surr)	100		85 - 115
4-Bromofluorobenzene (Surr)	104		76 - 119
1,2-Dichloroethane-d4 (Surr)	87		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS2DWG1**

Lab Sample ID: 280-10004-9 Date Sampled: 11/17/2010 1300
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method: 8260B/AFCEE Analysis Batch: 280-42896 Instrument ID: MSV_H
Preparation: 5030B Lab File ID: H9830.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Date Analyzed: 11/29/2010 1303 Final Weight/Volume: 20 mL
Date Prepared: 11/29/2010 1303

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.095	F	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	69	J	0.098	1.0
trans-1,2-Dichloroethene	0.11	F	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.052	U	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.053	U	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.22	F	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.23	F	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.10	U	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS2DWG1**

Lab Sample ID: 280-10004-9 Date Sampled: 11/17/2010 1300
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9830.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1303			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1303				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	96		81 - 120
Dibromofluoromethane (Surr)	101		85 - 115
4-Bromofluorobenzene (Surr)	108		76 - 119
1,2-Dichloroethane-d4 (Surr)	90		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS2DWG1**

Lab Sample ID: 280-10004-9 Date Sampled: 11/17/2010 1300
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9845.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	11/29/2010 1828	Run Type: DL		Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.20	U	0.20	2.0
Styrene	0.13	U	0.13	2.0
trans-1,3-Dichloropropene	0.13	U	0.13	2.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
4-Chlorotoluene	0.17	U	0.17	2.0
1,2-Dichloroethane	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.24	U	0.24	1.0
n-Butylbenzene	0.25	U	0.25	2.0
Ethylene Dibromide	0.36	U	0.36	2.0
4-Methyl-2-pentanone (MIBK)	2.2	U	2.2	20
1,3,5-Trimethylbenzene	0.17	U	0.17	2.0
Toluene	0.14	F	0.14	2.0
Chlorobenzene	0.15	U	0.15	1.0
1,2,4-Trichlorobenzene	0.28	U	0.28	2.0
Tetrachloroethene	0.29	U	0.29	2.0
sec-Butylbenzene	0.37	U	0.37	2.0
m-Xylene & p-Xylene	0.20	U	0.20	4.0
cis-1,2-Dichloroethene	69		0.20	2.0
trans-1,2-Dichloroethene	0.13	F	0.11	2.0
Carbon tetrachloride	0.21	U	0.21	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichlorobenzene	0.27	U	0.27	2.0
1,1,1,2-Tetrachloroethane	0.27	U	0.27	1.0
Acetone	3.1	U	3.1	20
Chloroform	0.10	U	0.10	0.60
Benzene	0.26	U	0.26	0.80
1,1,1-Trichloroethane	0.11	U	0.11	2.0
Bromomethane	0.38	U	0.38	6.0
Chloromethane	0.17	U	0.17	2.0
Chloroethane	0.25	U	0.25	2.0
Vinyl chloride	0.16	U	0.16	2.0
Methylene Chloride	0.43	U	0.43	4.0
Bromoform	0.44	U	0.44	2.0
1,1-Dichloroethane	0.23	F	0.11	2.0
1,1-Dichloroethene	0.15	U	0.15	2.0
1,2-Dichloropropane	0.16	U	0.16	2.0
2-Butanone (MEK)	2.3	U	2.3	20
1,1,2-Trichloroethane	0.25	U	0.25	2.0
Trichloroethene	0.20	U	0.20	2.0
1,1,2,2-Tetrachloroethane	0.30	U	0.30	1.0
1,2,3-Trichlorobenzene	0.31	U	0.31	2.0
Naphthalene	0.50	U	0.50	2.0
1,2-Dichlorobenzene	0.22	U	0.22	2.0
2-Chlorotoluene	0.18	U	0.18	2.0
1,2,3-Trichloropropane	0.53	U	0.53	2.0
1,2-Dibromo-3-Chloropropane	1.4	U	1.4	4.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS2DWG1**

Lab Sample ID: 280-10004-9 Date Sampled: 11/17/2010 1300
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9845.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	11/29/2010 1828	Run Type: DL		Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.20	U	0.20	2.0
o-Xylene	0.17	U	0.17	2.0
Isopropylbenzene	0.24	U	0.24	2.0
Dichlorobromomethane	0.42	U	0.42	1.0
Chlorobromomethane	0.42	U	0.42	2.0
1,2,4-Trimethylbenzene	0.16	U	0.16	2.0
1-Chlorohexane	0.22	U	0.22	2.0
Bromobenzene	0.13	U	0.13	2.0
Dibromomethane	0.33	U	0.33	2.0
Dichlorodifluoromethane	0.098	U	0.098	2.0
1,3-Dichloropropane	0.15	U	0.15	0.80
1,1-Dichloropropene	0.16	U	0.16	2.0
Chlorodibromomethane	0.093	U	0.093	1.0
Hexachlorobutadiene	0.33	U	0.33	1.2
Methyl tert-butyl ether	0.35	U	0.35	10
N-Propylbenzene	0.26	U	0.26	2.0
Trichlorofluoromethane	0.13	U	0.13	2.0
Xylenes, Total	0.22	U	0.22	4.0
4-Isopropyltoluene	0.21	U	0.21	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		81 - 120
Dibromofluoromethane (Surr)	102		85 - 115
4-Bromofluorobenzene (Surr)	104		76 - 119
1,2-Dichloroethane-d4 (Surr)	91		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS2SWG1**

Lab Sample ID: 280-10004-10 Date Sampled: 11/17/2010 1415
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9846.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1850			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1850				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.087	F	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	1.3		0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.093	F	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	2.2		0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	1.1		0.057	1.0
1,1-Dichloroethene	0.37	F	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	2.6		0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS2SWG1**

Lab Sample ID: 280-10004-10 Date Sampled: 11/17/2010 1415
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9846.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1850			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1850				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	89		81 - 120
Dibromofluoromethane (Surr)	97		85 - 115
4-Bromofluorobenzene (Surr)	101		76 - 119
1,2-Dichloroethane-d4 (Surr)	86		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **EB111710**

Lab Sample ID: 280-10004-11 Date Sampled: 11/17/2010 1500
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9832.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1345			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1345				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.068	U	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	0.098	U	0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.8	F	1.6	10
Chloroform	0.19	F	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.053	U	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.057	U	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.10	U	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **EB111710**

Lab Sample ID: 280-10004-11 Date Sampled: 11/17/2010 1500
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9832.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1345			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1345				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	96		81 - 120
Dibromofluoromethane (Surr)	96		85 - 115
4-Bromofluorobenzene (Surr)	110		76 - 119
1,2-Dichloroethane-d4 (Surr)	86		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-10004-12 Date Sampled: 11/17/2010 0000
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method: 8260B/AFCEE Analysis Batch: 280-42896 Instrument ID: MSV_H
Preparation: 5030B Lab File ID: H9833.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Date Analyzed: 11/29/2010 1407 Final Weight/Volume: 20 mL
Date Prepared: 11/29/2010 1407

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.068	U	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	0.098	U	0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	2.6	F	1.6	10
Chloroform	0.052	U	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.053	U	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.24	F	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.057	U	0.057	1.0
1,1-Dichloroethene	0.074	U	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	0.10	U	0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 280-10004-12 Date Sampled: 11/17/2010 0000
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9833.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1407			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		81 - 120
Dibromofluoromethane (Surr)	99		85 - 115
4-Bromofluorobenzene (Surr)	107		76 - 119
1,2-Dichloroethane-d4 (Surr)	89		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS3DWG1**

Lab Sample ID: 280-10004-13 Date Sampled: 11/18/2010 0817
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9834.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1428			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1428				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	0.099	U	0.099	1.0
Styrene	0.066	U	0.066	1.0
trans-1,3-Dichloropropene	0.065	U	0.065	1.0
cis-1,3-Dichloropropene	0.078	U	0.078	0.50
4-Chlorotoluene	0.083	U	0.083	1.0
1,2-Dichloroethane	0.068	U	0.068	0.50
1,4-Dichlorobenzene	0.12	U	0.12	0.50
n-Butylbenzene	0.12	U	0.12	1.0
Ethylene Dibromide	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	1.1	U	1.1	10
1,3,5-Trimethylbenzene	0.083	U	0.083	1.0
Toluene	0.10	F	0.068	1.0
Chlorobenzene	0.076	U	0.076	0.50
1,2,4-Trichlorobenzene	0.14	U	0.14	1.0
Tetrachloroethene	0.14	U	0.14	1.0
sec-Butylbenzene	0.18	U	0.18	1.0
m-Xylene & p-Xylene	0.10	U	0.10	2.0
cis-1,2-Dichloroethene	0.76	F	0.098	1.0
trans-1,2-Dichloroethene	0.056	U	0.056	1.0
Carbon tetrachloride	0.11	U	0.11	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.14	U	0.14	0.50
Acetone	1.6	U	1.6	10
Chloroform	0.084	F	0.052	0.30
Benzene	0.13	U	0.13	0.40
1,1,1-Trichloroethane	0.80	F	0.053	1.0
Bromomethane	0.19	U	0.19	3.0
Chloromethane	0.083	U	0.083	1.0
Chloroethane	0.13	U	0.13	1.0
Vinyl chloride	0.078	U	0.078	1.0
Methylene Chloride	0.21	U	0.21	2.0
Bromoform	0.22	U	0.22	1.0
1,1-Dichloroethane	0.11	F	0.057	1.0
1,1-Dichloroethene	0.10	F	0.074	1.0
1,2-Dichloropropane	0.078	U	0.078	1.0
2-Butanone (MEK)	1.2	U	1.2	10
1,1,2-Trichloroethane	0.13	U	0.13	1.0
Trichloroethene	1.4		0.10	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.50
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
Naphthalene	0.25	U	0.25	1.0
1,2-Dichlorobenzene	0.11	U	0.11	1.0
2-Chlorotoluene	0.088	U	0.088	1.0
1,2,3-Trichloropropane	0.27	U	0.27	1.0
1,2-Dibromo-3-Chloropropane	0.71	U	0.71	2.0

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS3DWG1**

Lab Sample ID: 280-10004-13 Date Sampled: 11/18/2010 0817
Client Matrix: Water Date Received: 11/19/2010 0930

8260B/AFCEE Volatile Organic Compounds (GC/MS)

Method:	8260B/AFCEE	Analysis Batch: 280-42896		Instrument ID:	MSV_H
Preparation:	5030B			Lab File ID:	H9834.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Date Analyzed:	11/29/2010 1428			Final Weight/Volume:	20 mL
Date Prepared:	11/29/2010 1428				

Analyte	Result (ug/L)	Qualifier	MDL	RL
tert-Butylbenzene	0.099	U	0.099	1.0
o-Xylene	0.087	U	0.087	1.0
Isopropylbenzene	0.12	U	0.12	1.0
Dichlorobromomethane	0.21	U	0.21	0.50
Chlorobromomethane	0.21	U	0.21	1.0
1,2,4-Trimethylbenzene	0.081	U	0.081	1.0
1-Chlorohexane	0.11	U	0.11	1.0
Bromobenzene	0.066	U	0.066	1.0
Dibromomethane	0.17	U	0.17	1.0
Dichlorodifluoromethane	0.049	U	0.049	1.0
1,3-Dichloropropane	0.077	U	0.077	0.40
1,1-Dichloropropene	0.080	U	0.080	1.0
Chlorodibromomethane	0.046	U	0.046	0.50
Hexachlorobutadiene	0.16	U	0.16	0.60
Methyl tert-butyl ether	0.18	U	0.18	5.0
N-Propylbenzene	0.13	U	0.13	1.0
Trichlorofluoromethane	0.067	U	0.067	1.0
Xylenes, Total	0.11	U	0.11	2.0
4-Isopropyltoluene	0.10	U	0.10	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	94		81 - 120
Dibromofluoromethane (Surr)	98		85 - 115
4-Bromofluorobenzene (Surr)	106		76 - 119
1,2-Dichloroethane-d4 (Surr)	88		72 - 119

Client: AECOM Technical Services Inc. Job Number: 280-10004-1

Client Sample ID: **URS3DWG1**

Lab Sample ID: 280-10004-13 Date Sampled: 11/18/2010 0817
Client Matrix: Water Date Received: 11/19/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8260.D
Dilution:	1.0			Initial Weight/Volume:	923 mL
Date Analyzed:	11/29/2010 2131			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.9		0.093	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	89		57 - 104

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APPENDICES

A Hand-Annotated Data Summary Forms

1.0 INTRODUCTION

This data validation review pertains to groundwater samples collected in November 2010 at Air Force Plant 59 (AFP 59). Parameters evaluated in groundwater samples for low-level semivolatile organic constituents (SVOC). The samples were analyzed by Test America in Arvada, Colorado.

Data validation review is an after-the-fact technical review of analytical data whereby the quality and usability of the data are determined based on a set of predefined criteria. These criteria depend upon the type of data involved and the purpose for which those data were collected. Data validation review assesses whether and to what extent specified criteria were met, and places restrictions on data use based on quality parameters. The data validation review process can range from a cursory review used to detect out-of-control situations to a detailed evaluation, depending on the analytical protocol, the associated quality control samples collected, and the intended data use.

Specific criteria for data quality review may include, but are not limited to: technical holding times, analysis of blanks, surrogate spike recovery, analysis of duplicates, and reported practical quantitation limits (PQLs). Where applicable, the recommendations of USEPA SW-846 Test Methods for Evaluating Solid Waste (Third Edition, December 1996) or USEPA Methods for Chemical Analysis of Water and Wastes (Revised March 1983) analytical method requirements, USEPA CLP National Functional Guidelines for Organic and Inorganic Data Review (February 1994, Functional Guidelines) data review guidance, and professional judgment.

Table 1 presents the data qualifiers applied during this review effort and their meanings.

Table 1
Data Qualifiers

Qualifier	Description
J	This is an estimated value.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

Table 2 provides a cross-reference list for field sample IDs and lab sample IDs from Test America.

Table 2
Field Sample ID/Lab Sample ID Cross Reference
Lot 280-9930

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
SW1WG1	280-9930-1	SW4WG1	280-9930-6
SW1WG9	280-9930-2	SW7WG1	280-9930-7
DW1WG1	280-9930-3	URS5SWG1	280-9930-8
DW1WG1MS	280-9930-3	URS2DWG1	280-9930-9
DW1WG1MSD	280-9930-3	URS2SWG1	280-9930-10
SW3WG1	280-9930-4	EB111710	280-9930-11
DW3WG1	280-9930-5		

During the data validation review process, laboratory qualified and unqualified data are verified against all available supporting documentation. Based on this review, qualifier codes may be added, deleted, or modified by the validator. Final results are therefore either qualified or unqualified. (Note: In those cases where the laboratory added a "U" flag indicated a non-detect result, and the validator agrees with this flag, then it remains intact, as noted on the corresponding Form I.) Changes to the data are reflected on the Form I's in Appendix A.

2.0 SEMIVOLATILE ORGANIC CONSTITUENTS

Semivolatile organic constituents were analyzed using EPA Test Method for Evaluating Solid Waste (SW-846) Method 8270C SIM. Hand-annotated data summary sheets (referred to as Analysis Reports) are provided as Appendix A.

2.1 Holding Times

All of the samples (SVOC) were extracted within the recommended holding time of 7 days and analyzed for within the recommended holding time of 40 days. No qualification is necessary.

2.2 Calibration

For the Initial Calibration run, target constituent RRF values were all greater than 0.05 and the %RSD values were less than 30% for all target constituents. No qualification is needed based on this information.

Continuing calibration verifications were performed at the required frequency. The %D results were within 35% for all target constituents. Recoveries were within control limits in the Second Source Calibration Standard and no qualification is needed.

It is noted that for those results which were less than the RL but greater than the MDL, the laboratory assigned an "F" flag, indicating an estimated value. Unless qualified otherwise, the validator removes the F flag and replaces it with the "J" qualifier, indicating an estimated value.

2.3 Laboratory Control Samples

Recoveries of target constituents from the laboratory control sample were within control limits, and RPD values were below the upper control limit. No qualification is needed.

2.4 Blanks

No positive results above the corresponding method detection limit were detected in method blank. No qualification is needed.

2.5 Matrix Spike / Matrix Spike Duplicates

Sample DW1 served as the site-specific MS/MSD. Recoveries of target constituents were within control limits, and RPD values were below the upper control limits. No qualification is needed.

2.6 Surrogate Recovery

Surrogate recoveries were within control limits for all samples and standards. No qualification is needed.

2.7 Internal Standards

Internal standard area counts were within control limits and no qualification is needed.

2.8 Duplicates

Sample SW1 was analyzed in duplicate. Sample SW1 did not exhibit any positive constituents.

2.7 Summary

The data are acceptable with validator-assigned qualifiers.

Chain of Custody Record

Sampler ID _____

Temperature on Receipt 2.6/2.7°C DRI MS 11/18/10

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124-280 (0508)

Client	Project Manager	Date	Chain of Custody Number
AECOM	Drew Foley	11/17/10	128738
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
675 N. Washington St Suite 300	703-549-8728		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Alexandria / VA / 22314	Drew Foley	Devon Chicoine	
Project Name and Location (State)	**Carrier/Waybill Number**		
AFP59 -LTM			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: dioxane	Special Instructions/ Conditions of Receipt
SW1WG1	11/17/10	1050		X			2						X	
SW1WG9	11/17/10	1055		X			2						X	
DW1WG1	11/17/10	1300		X			2						X	
DW1WG1MS	11/17/10	1310		X			2						X	MS
DW1WG1MSD	11/17/10	1315		X			2						X	MSD
SW3WG1	11/16/10	1845		X			2						X	
DW3WG1	11/16/10	1820		X			2						X	
SW4WG1	11/17/10	1425		X			2						X	
SW7WG1	11/17/10	0930		X			2						X	
URS5SWG1	11/16/10	2040		X			2						X	
URS20WG1	11/17/10	1300		X			2						X	
URS2SWG1	11/17/10	1415		X			2						X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Helen A. [illegible]	11/17/10	1600	1. Received By: [signature]	11.18.10	0825
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Page 184 of 186

12/16/2010

Chain of Custody Record

Sampler ID _____

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124-280 (0508)

Client	Project Manager	Date	Chain of Custody Number
AECOM	Drew Foley	11/17/10	128737
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
675 N. Washington St. Suite 300	703-549-8728		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Alexandria / VA / 22314	Drew Foley	Devon Chicoine	
Project Name and Location (State)	**Carrier/Waybill Number**		
AFP59 - LTM			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: dioxane	Special Instructions/ Conditions of Receipt
EB111710	11/17/10	1500		X			2						X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	Ellen A.	11/17/10	1600		11.18.10	0930
2.						
3.						

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

12/16/2010

SAMPLE SUMMARY

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-9930-1	SW1WG1	Water	11/17/2010 1050	11/18/2010 0930
280-9930-2	SW1WG9	Water	11/17/2010 1055	11/18/2010 0930
280-9930-3	DW1WG1	Water	11/17/2010 1300	11/18/2010 0930
280-9930-3MS	DW1WG1	Water	11/17/2010 1300	11/18/2010 0930
280-9930-3MSD	DW1WG1	Water	11/17/2010 1300	11/18/2010 0930
280-9930-4	SW3WG1	Water	11/17/2010 1845	11/18/2010 0930
280-9930-5	DW3WG1	Water	11/17/2010 1820	11/18/2010 0930
280-9930-6	SW4WG1	Water	11/17/2010 1425	11/18/2010 0930
280-9930-7	SW7WG1	Water	11/17/2010 0930	11/18/2010 0930
280-9930-8	URS5SWG1	Water	11/16/2010 2040	11/18/2010 0930
280-9930-9	URS2DWG1	Water	11/17/2010 1300	11/18/2010 0930
280-9930-10	URS2SWG1	Water	11/17/2010 1415	11/18/2010 0930
280-9930-11	EB111710	Water	11/17/2010 1500	11/18/2010 0930

EXECUTIVE SUMMARY - Detections

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
280-9930-5	**DW3WG1**					
1,4-Dioxane		3.3		1.1	ug/L	8270C LL
280-9930-6	**SW4WG1**					
1,4-Dioxane		1.6		1.0	ug/L	8270C LL
280-9930-7	**SW7WG1**					
1,4-Dioxane		1.5		0.96	ug/L	8270C LL
280-9930-8	**URS5SWG1**					
1,4-Dioxane		0.36	F	0.99	ug/L	8270C LL
280-9930-9	**URS2DWG1**					
1,4-Dioxane		29		0.99	ug/L	8270C LL
280-9930-10	**URS2SWG1**					
1,4-Dioxane		10		0.97	ug/L	8270C LL

METHOD SUMMARY

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Semivolatile Organic Compounds by GCMS - Low Levels	TAL DEN	SW846 8270C LL	
Liquid-Liquid Extraction (Continuous)	TAL DEN		SW846 3520C

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Method	Analyst	Analyst ID
SW846 8270C LL	Wolfe, Ashley E	AEW

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **SW1WG1**

Lab Sample ID: 280-9930-1 Date Sampled: 11/17/2010 1050
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8245.D
Dilution:	1.0			Initial Weight/Volume:	951 mL
Date Analyzed:	11/29/2010 1522			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.090	U	0.090	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **SW1WG9**

Lab Sample ID: 280-9930-2 Date Sampled: 11/17/2010 1055
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8246.D
Dilution:	1.0			Initial Weight/Volume:	1018 mL
Date Analyzed:	11/29/2010 1548			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.084	U	0.084	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	87		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **DW1WG1**

Lab Sample ID: 280-9930-3 Date Sampled: 11/17/2010 1300
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8247.D
Dilution:	1.0			Initial Weight/Volume:	1029 mL
Date Analyzed:	11/29/2010 1613			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.084	U	0.084	0.97

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	87		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **SW3WG1**

Lab Sample ID: 280-9930-4 Date Sampled: 11/17/2010 1845
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8250.D
Dilution:	1.0			Initial Weight/Volume:	987 mL
Date Analyzed:	11/29/2010 1728			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.087	U	0.087	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	83		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **DW3WG1**

Lab Sample ID: 280-9930-5 Date Sampled: 11/17/2010 1820
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8251.D
Dilution:	1.0			Initial Weight/Volume:	894 mL
Date Analyzed:	11/29/2010 1753			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.3		0.096	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	83		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **SW4WG1**

Lab Sample ID: 280-9930-6 Date Sampled: 11/17/2010 1425
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8252.D
Dilution:	1.0			Initial Weight/Volume:	989 mL
Date Analyzed:	11/29/2010 1818			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.6		0.087	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	89		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **SW7WG1**

Lab Sample ID: 280-9930-7 Date Sampled: 11/17/2010 0930
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8253.D
Dilution:	1.0			Initial Weight/Volume:	1043 mL
Date Analyzed:	11/29/2010 1842			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.082	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	96		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **URS5SWG1**

Lab Sample ID: 280-9930-8 Date Sampled: 11/16/2010 2040
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8254.D
Dilution:	1.0			Initial Weight/Volume:	1011 mL
Date Analyzed:	11/29/2010 1907			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.36	F	0.085	0.99

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	94		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **URS2DWG1**

Lab Sample ID: 280-9930-9 Date Sampled: 11/17/2010 1300
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8255.D
Dilution:	1.0			Initial Weight/Volume:	1008 mL
Date Analyzed:	11/29/2010 1931			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	29		0.085	0.99

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	93		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **URS2SWG1**

Lab Sample ID: 280-9930-10 Date Sampled: 11/17/2010 1415
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8256.D
Dilution:	1.0			Initial Weight/Volume:	1033 mL
Date Analyzed:	11/29/2010 1955			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	10		0.083	0.97

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	90		57 - 104

Client: AECOM Technical Services Inc. Job Number: 280-9930-1

Client Sample ID: **EB111710**

Lab Sample ID: 280-9930-11 Date Sampled: 11/17/2010 1500
Client Matrix: Water Date Received: 11/18/2010 0930

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 280-43007		Instrument ID:	MSS_G4
Preparation:	3520C	Prep Batch: 280-41991		Lab File ID:	G4_8257.D
Dilution:	1.0			Initial Weight/Volume:	947 mL
Date Analyzed:	11/29/2010 2019			Final Weight/Volume:	2000 uL
Date Prepared:	11/19/2010 1700			Injection Volume:	0.5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.091	U	0.091	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	92		57 - 104

Appendix I

RACER Estimates

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Project WBS Report
(with Markups)

System:

RACER Version: 10.4.0
Database Location: L:_Projects\60160780_4P08-0152 AFP59 Pilot Study\RACER\AFP59 Alternatives.mdb

Folder:

Folder Name: Air Force Plant 59

Project:

Project ID: 60160780
Project Name: Air Force Plant 59
Project Category: None

Location
State / Country: NEW YORK
City: SYRACUSE

Location Modifier	Default	User
	0.991	0.991

Options
Database: System Costs
Cost Database Date: 2011
Report Option: Calendar

Description
Air Force Plant 59 Cleanup Alternatives:
NFA
LTM only
Sub-Slab Depressurization with LTM
Building Demolition with Soil Excavation and Disposal with LTM

Project WBS Report
(with Markups)

Site:

Site ID: 60160780.04
Site Name: Alternative 2: LTM
Site Type: None

Media/Waste Type

Primary: Air
Secondary: Soil

Contaminant

Primary: Volatile Organic Compounds (VOCs)
Secondary: None

Phase Names

Pre-Study: ☐
Study: ☐
Design: ☑
Removal/Interim Action: ☐
Remedial Action: ☑
Operations & Maintenance: ☑
Long Term Monitoring: ☑
Site Closeout: ☑

Documentation

Description: As an Air Force government-owned, contractor-operated facility, AFP 59 has manufactured aircraft-related products since 1942. A complete chronology of the occupants of AFP 59 can be found in Section 1.2 (Air Force Plant 59 Background) of the Vapor Intrusion Remedial Investigation Report (AECOM, 2010). The current occupant, BAE Systems (BAE), acquired Lockheed Martin Control Systems and assumed operations of AFP 59 in April 2000. In 2011, Hurricane Irene caused major flooding in Johnson City including the AFP 59 area. BAE has stated they plan on vacating the facility in 2012. The final disposition of the facility still has to be determined by the United States Air Force (USAF).

Support Team: Dave Parse - PM
George Sauer - RI Report Author
Amanda McNally - RACER Esitmator

References: Draft Supplemental Vapor Intrusion Remedial Investigation Report, Air Force Plant 59, Johnson City, New York (AECOM, 2012)

Estimator Information

Estimator Name: Amanda McNally
Estimator Title: Environmental Engineer
Agency/Org./Office: AECOM Environment, Alexandria, VA
Business Address: 675 North Washington Street
Suite 300
Alexandria, VA 22314
Telephone Number: 703-706-0543

Project WBS Report
(with Markups)

Email Address: amanda.mcnally@aecom.com
Estimate Prepared Date: 04/13/2012

Estimator Signature: _____ **Date:** _____

Reviewer Information

Reviewer Name:
Reviewer Title:
Agency/Org./Office:
Business Address:
Telephone Number:
Email Address:
Date Reviewed:

Reviewer Signature: _____ **Date:** _____

Project WBS Report
(with Markups)

Phase:

Phase Type: Long Term Monitoring
Phase Name: Air Monitoring (Annual)
Description: Annual monitoring of 30 co-located sub-slab vapor and indoor air points and 3 outdoor air locations for 30 years.

Start Date: January, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
SOIL GAS AND AIR MONITORING	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	SOIL GAS AND AIR MONITORING	$2,683,824
			$2,683,824
		Total:	$2,683,824
		HTRW RA WBS Total:	$2,683,824

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Annual) Year 01-10
Description: Annual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 10 years.

Start Date: January, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
ANNUAL MONITORING - VOCS	Yes	100	0
ANNUAL MONITORING - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	ANNUAL MONITORING - 1,4-DIOXANE	$39,181
	Other	ANNUAL MONITORING - VOCS	$138,846
			$178,028
		Total:	$178,028
		HTRW RA WBS Total:	$178,028

Phase:

Phase Type: Long Term Monitoring
Phase Name: Five-Year Reviews
Description: Five Year Rveiews beginning in 2017.

Start Date: January, 2017
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Five-Year Review	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.20	SITE RESTORATION		
331.20.90	Other	Five-Year Review	$121,347
			$121,347
		Total:	$121,347
		HTRW RA WBS Total:	$121,347

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 12
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2024
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 14
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2026
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 16
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2028
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 18
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2030
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 20
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2032
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 22
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2034
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 24
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2036
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 26
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2038
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 28
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2040
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 30
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2042
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Project WBS Report
(with Markups)

Site:

Site ID: 60160780.04
Site Name: Alternative 3: Sub Slab Depressurization
Site Type: None

Media/Waste Type

Primary: Air
Secondary: Soil

Contaminant

Primary: Volatile Organic Compounds (VOCs)
Secondary: None

Phase Names

Pre-Study: ☐
Study: ☐
Design: ☑
Removal/Interim Action: ☐
Remedial Action: ☑
Operations & Maintenance: ☑
Long Term Monitoring: ☑
Site Closeout: ☐

Documentation

Description: As an Air Force government-owned, contractor-operated facility, AFP 59 has manufactured aircraft-related products since 1942. A complete chronology of the occupants of AFP 59 can be found in Section 1.2 (Air Force Plant 59 Background) of the Vapor Intrusion Remedial Investigation Report (AECOM, 2010). The current occupant, BAE Systems (BAE), acquired Lockheed Martin Control Systems and assumed operations of AFP 59 in April 2000. In 2011, Hurricane Irene caused major flooding in Johnson City including the AFP 59 area. BAE has stated they plan on vacating the facility in 2012. The final disposition of the facility still has to be determined by the United States Air Force (USAF).

Support Team: Dave Parse - PM
George Sauer - RI Author
Amanda McNally - RACER Estimator
Brad Koltak - RACER Reviewer

References: Supplemental Vapor Intrusion Remedial Investigation Report, Air Force Plant 59, Johnson City, New York (AECOM, 2012)

Estimator Information

Estimator Name: Amanda McNally
Estimator Title: Environmental Engineer
Agency/Org./Office: AECOM Environment, Alexandria, VA
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Project WBS Report
(with Markups)

Telephone Number: 412-396-9940
Email Address: amanda.mcnally@aecom.com
Estimate Prepared Date: 04/17/2012

Estimator Signature: _____ **Date:** _____

Reviewer Information

Reviewer Name:
Reviewer Title:
Agency/Org./Office:
Business Address:
Telephone Number:
Email Address:
Date Reviewed:

Reviewer Signature: _____ **Date:** _____

Project WBS Report
(with Markups)

Phase:

Phase Type: Design Percent Method
Phase Name: Sub Slab Depressurization System Design
Description: Design of Sub Slab Depressurization System

Total Capital Costs are the marked up costs for the items listed below, excluding the Professional Labor Management, Administrative Land Use Controls, and Operations and Maintenance technologies. Only the first year costs are included for cost-over-time technologies.

Phase Name	Phase Date	Design Approach	Total Capital Cost	Design %	Design Costs	Design Cost Year
Sub Slab Depressurization	January, 2013	Ex Situ Removal - Detailed Design On-site Treatment or Disposal	$1,210,990	10.00	$121,099	2013

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
333	SUPERVISION AND ADMINISTRATION (S&A) (CONSTRUCTION MANAGEMENT)		
333.30	REMEDIAL DESIGN		
333.30.91	Other	Design Costs	$121,099
			$121,099
		Total:	$121,099
		HTRW RA WBS Total:	$121,099

Phase:

Phase Type: Remedial Action
Phase Name: Sub Slab Depressurization
Description: 500,000 square feet of Building area with sub slab depressurization, O&M, and monitoring of groundwater, soil gas, indoor air, and outdoor air.

Approach: Ex Situ
Start Date: January, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Soil Vapor Extraction	Yes	100	0
Professional Labor Management	Yes	100	0
Carbon Adsorption (Gas)	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.13	PHYSICAL TREATMENT		
331.13.19	Carbon Adsorption - Gases	Carbon Adsorption (Gas)	$246,748
331.13.23	Soil Vapor Extraction	Soil Vapor Extraction	$964,242
			$1,210,990
331.22	GENERAL REQUIREMENTS (Optional Breakout)		
331.22.03	Warehouse, Materials Handling, and Purchasing	Professional Labor Management	$214,345
			$214,345
		Total:	$1,425,335
		HTRW RA WBS Total:	$1,425,335

Phase:

Phase Type: Operations & Maintenance
Phase Name: O&M Year 01-05
Description: O&M of Sub Slab Depressurization System. Average annual carbon consumption of 37,996 lbs.

Start Date: February, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Operations and Maintenance	Yes	100	0

Project WBS Report
(with Markups)

HTRW OM WBS		Marked Up Costs
342 HTRW OPERATION AND MAINTENANCE (POST CONSTRUCTION)		
342.22 GENERAL REQUIREMENTS (Optional Breakout)		
342.22.91 Other	Miscellaneous Support Costs	$1,251,242
		$1,251,242
	Total:	$1,251,242
	HTRW OM WBS Total:	$1,251,242

Phase:

Phase Type: Operations & Maintenance
Phase Name: O&M Year 06-10
Description: O&M of Sub Slab Depressurization System. Average annual carbon consumption of 1,750 lbs.

Start Date: February, 2018
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Operations and Maintenance	Yes	100	0

Project WBS Report
(with Markups)

HTRW OM WBS		Marked Up Costs
342 HTRW OPERATION AND MAINTENANCE (POST CONSTRUCTION)		
342.22 GENERAL REQUIREMENTS (Optional Breakout)		
342.22.91 Other	Miscellaneous Support Costs	$954,653
		$954,653
	Total:	$954,653
	HTRW OM WBS Total:	$954,653

Phase:

Phase Type: Operations & Maintenance
Phase Name: O&M Year 11-15
Description: O&M of Sub Slab Depressurization System. Average annual carbon consumption of 60 lbs.

Start Date: February, 2023
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Operations and Maintenance	Yes	100	0

Project WBS Report
(with Markups)

HTRW OM WBS		Marked Up Costs
342 HTRW OPERATION AND MAINTENANCE (POST CONSTRUCTION)		
342.22 GENERAL REQUIREMENTS (Optional Breakout)		
342.22.91 Other	Miscellaneous Support Costs	$923,524
		$923,524
	Total:	$923,524
	HTRW OM WBS Total:	$923,524

Phase:

Phase Type: Operations & Maintenance
Phase Name: O&M Year 16-20
Description: O&M of Sub Slab Depressurization System. No carbon treatment required.

Start Date: February, 2028
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Operations and Maintenance	Yes	100	0

Project WBS Report
(with Markups)

HTRW OM WBS		Marked Up Costs
342 HTRW OPERATION AND MAINTENANCE (POST CONSTRUCTION)		
342.22 GENERAL REQUIREMENTS (Optional Breakout)		
342.22.91 Other	Miscellaneous Support Costs	$922,419
		$922,419
	Total:	$922,419
	HTRW OM WBS Total:	$922,419

Phase:

Phase Type: Operations & Maintenance
Phase Name: O&M Year 21-25
Description: O&M of Sub Slab Depressurization System. No carbon treatment required.

Start Date: February, 2033
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Operations and Maintenance	Yes	100	0

Project WBS Report
(with Markups)

HTRW OM WBS		Marked Up Costs
342 HTRW OPERATION AND MAINTENANCE (POST CONSTRUCTION)		
342.22 GENERAL REQUIREMENTS (Optional Breakout)		
342.22.91 Other	Miscellaneous Support Costs	$922,419
		$922,419
	Total:	$922,419
	HTRW OM WBS Total:	$922,419

Phase:

Phase Type: Operations & Maintenance
Phase Name: O&M Year 26-30
Description: O&M of Sub Slab Depressurization System. No carbon treatment required.

Start Date: February, 2038
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Operations and Maintenance	Yes	100	0

Project WBS Report
(with Markups)

HTRW OM WBS			Marked Up Costs
342	HTRW OPERATION AND MAINTENANCE (POST CONSTRUCTION)		
342.22	GENERAL REQUIREMENTS (Optional Breakout)		
342.22.91	Other	Miscellaneous Support Costs	$922,419
			$922,419
		Total:	$922,419
		HTRW OM WBS Total:	$922,419

Phase:

Phase Type: Long Term Monitoring
Phase Name: Air Monitoring (Annual)
Description: Annual monitoring of 30 co-located sub-slab vapor and indoor air points and 3 outdoor air locations for 30 years.

Start Date: January, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
SOIL GAS AND AIR MONITORING	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	SOIL GAS AND AIR MONITORING	$2,683,824
			$2,683,824
		Total:	$2,683,824
		HTRW RA WBS Total:	$2,683,824

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Annual) Year 01-10
Description: Annual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 10 years.

Start Date: January, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
ANNUAL MONITORING - VOCS	Yes	100	0
ANNUAL MONITORING - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	ANNUAL MONITORING - 1,4-DIOXANE	$39,181
	Other	ANNUAL MONITORING - VOCS	$138,846
			$178,028
		Total:	$178,028
		HTRW RA WBS Total:	$178,028

Phase:

Phase Type: Long Term Monitoring
Phase Name: Five-Year Reviews
Description: Five Year Rveiews beginning in 2017.

Start Date: January, 2017
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Five-Year Review	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.20	SITE RESTORATION		
331.20.90	Other	Five-Year Review	$121,347
			$121,347
		Total:	$121,347
		HTRW RA WBS Total:	$121,347

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 12
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2024
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 14
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2026
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 16
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2028
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 18
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2030
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 20
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2032
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 22
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2034
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 24
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2036
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 26
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2038
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 28
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2040
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 30
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2042
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Project WBS Report
(with Markups)

Site:

Site ID: 60160780.04
Site Name: Alternative 4: Building Demolition and Excavation
Site Type: None

Media/Waste Type

Primary: Air
Secondary: Soil

Contaminant

Primary: Volatile Organic Compounds (VOCs)
Secondary: None

Phase Names

Pre-Study: ☐
Study: ☐
Design: ☑
Removal/Interim Action: ☐
Remedial Action: ☑
Operations & Maintenance: ☐
Long Term Monitoring: ☑
Site Closeout: ☐

Documentation

Description: As an Air Force government-owned, contractor-operated facility, AFP 59 has manufactured aircraft-related products since 1942. A complete chronology of the occupants of AFP 59 can be found in Section 1.2 (Air Force Plant 59 Background) of the Vapor Intrusion Remedial Investigation Report (AECOM, 2010). The current occupant, BAE Systems (BAE), acquired Lockheed Martin Control Systems and assumed operations of AFP 59 in April 2000. In 2011, Hurricane Irene caused major flooding in Johnson City including the AFP 59 area. BAE has stated they plan on vacating the facility in 2012. The final disposition of the facility still has to be determined by the United States Air Force (USAF).

Support Team: Dave Parse - PM
George Sauer - RI Author
Amanda McNally - RACER Estimator
Brad Koltak - RACER Reviewer

References: Draft Supplemental Vapor Intrusion Remedial Investigation Report, Air Force Plant 59, Johnson City, New York (AECOM, 2012)

Estimator Information

Estimator Name: Amanda McNally
Estimator Title: Engineer
Agency/Org./Office: AECOM Environment, Alexandria, VA
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Project WBS Report
(with Markups)

Telephone Number: 412-396-9940
Email Address: amanda.mcnally@aecom.com
Estimate Prepared Date: 04/17/2012

Estimator Signature: _____ **Date:** _____

Reviewer Information

Reviewer Name:
Reviewer Title:
Agency/Org./Office:
Business Address:
Telephone Number:
Email Address:
Date Reviewed:

Reviewer Signature: _____ **Date:** _____

Project WBS Report
(with Markups)

Phase:

Phase Type: Design Percent Method
Phase Name: Demolition and Excavation Design
Description: Design of Building Demolition and Soil Excavation, Reservoir Demolition/Backfill, Pavement Demolition, and Contaminated Soil Excavation

Total Capital Costs are the marked up costs for the items listed below, excluding the Professional Labor Management, Administrative Land Use Controls, and Operations and Maintenance technologies. Only the first year costs are included for cost-over-time technologies.

Phase Name	Phase Date	Design Approach	Total Capital Cost	Design %	Design Costs	Design Cost Year
Building Demolition and Soil Excavation	January, 2013	Ex Situ Removal - Detailed Design On-site Treatment or Disposal	$19,360,789	6.00	$1,161,647	2013
Reservoir Demolition and Excavation	February, 2013	Ex Situ Removal - Detailed Design On-site Treatment or Disposal	$402,030	10.00	$40,203	2013
Contaminated Soil Excavation	February, 2013	Ex Situ Removal - Detailed Design On-site Treatment or Disposal	$196,663	11.00	$21,633	2013
Pavement Demolition	February, 2013	Ex Situ Removal - Detailed Design On-site Treatment or Disposal	$295,712	10.00	$29,571	2013

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
333	SUPERVISION AND ADMINISTRATION (S&A) (CONSTRUCTION MANAGEMENT)		
333.30	REMEDIAL DESIGN		
333.30.91	Other	Design Costs	$1,253,054
			$1,253,054
		Total:	$1,253,054
		HTRW RA WBS Total:	$1,253,054

Phase:

Phase Type: Remedial Action
Phase Name: Building Demolition and Soil Excavation
Description: Demolition of entire 500,000 square foot building and excavation of soil to 5 feet bgs.

Approach: Ex Situ
Start Date: January, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Demolition, Buildings	Yes	100	0
Excavation	Yes	100	0
Residual Waste Management	Yes	100	0
Professional Labor Management	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.03	SITEWORK		
331.03.01	Demolition	Demolition, Buildings	$7,816,653
			$7,816,653
331.08	SOLIDS COLLECTION AND CONTAINMENT		
331.08.01	Contaminated Soil Collection	Excavation	$7,388,045
			$7,388,045
331.19	DISPOSAL (COMMERCIAL)		
331.19.21	Transportation to Storage/Disposal Facility	Residual Waste Management	$4,156,090
			$4,156,090
331.22	GENERAL REQUIREMENTS (Optional Breakout)		
331.22.03	Warehouse, Materials Handling, and Purchasing	Professional Labor Management	$1,154,414
			$1,154,414
		Total:	$20,515,203
		HTRW RA WBS Total:	$20,515,203

Phase:

Phase Type: Remedial Action
Phase Name: Contaminated Soil Excavation
Description: Excavation of 1,000+ ppb TCE contaminated soil. 50 ft by 50 ft by 10 ft deep. Assume 25% Haz, 75% Non-Haz.

Approach: Ex Situ
Start Date: February, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Excavation	Yes	100	0
Residual Waste Management	Yes	100	0
Professional Labor Management	Yes	100	0
Residual Waste Management	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.08	SOLIDS COLLECTION AND CONTAINMENT		
331.08.01	Contaminated Soil Collection	Excavation	$29,877
			$29,877
331.19	DISPOSAL (COMMERCIAL)		
331.19.21	Transportation to Storage/Disposal Facility	Residual Waste Management	$53,974
	Transportation to Storage/Disposal Facility	Residual Waste Management	$112,812
			$166,786
331.22	GENERAL REQUIREMENTS (Optional Breakout)		
331.22.03	Warehouse, Materials Handling, and Purchasing	Professional Labor Management	$38,939
			$38,939
		Total:	$235,602
		HTRW RA WBS Total:	$235,602

Phase:

Phase Type: Remedial Action
Phase Name: Pavement Demolition
Description: Demolition of paved area measuring approximately 662.5 ft by 875 ft, subtracting the 500,000 sf building area, leaving approximately 80,000 sf of pavement. Assume 70% asphalt (6" thick), 30% concrete (8" thick).

Approach: Ex Situ
Start Date: February, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Demolition, Pavements	Yes	100	0
Demolition, Pavements	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.03	SITEWORK		
331.03.01	Demolition	Demolition, Pavements	$121,255
	Demolition	Demolition, Pavements	$174,456
			$295,712
		Total:	$295,712
		HTRW RA WBS Total:	$295,712

Phase:

Phase Type: Remedial Action
Phase Name: Reservoir Demolition and Excavation
Description: Demolition of southwest reservoir. Brick structure measures 60 feet by 60 feet by 18 ft deep (8/10 above/below grade). Backfill 10 ft deep hole.

Approach: Ex Situ
Start Date: February, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Demolition, Buildings	Yes	100	0
Excavation	Yes	100	0
Residual Waste Management	Yes	100	0
Professional Labor Management	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS		Marked Up Costs
331 HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.03 SITEWORK		
331.03.01 Demolition	Demolition, Buildings	$77,080
		$77,080
331.08 SOLIDS COLLECTION AND CONTAINMENT		
331.08.01 Contaminated Soil Collection	Excavation	$32,609
		$32,609
331.19 DISPOSAL (COMMERCIAL)		
331.19.21 Transportation to Storage/Disposal Facility	Residual Waste Management	$292,340
		$292,340
331.22 GENERAL REQUIREMENTS (Optional Breakout)		
331.22.03 Warehouse, Materials Handling, and Purchasing	Professional Labor Management	$63,365
		$63,365
	Total:	$465,395
	HTRW RA WBS Total:	$465,395

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Annual) Year 01-10
Description: Annual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 10 years.

Start Date: January, 2013
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
ANNUAL MONITORING - VOCS	Yes	100	0
ANNUAL MONITORING - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	ANNUAL MONITORING - 1,4-DIOXANE	$39,181
	Other	ANNUAL MONITORING - VOCS	$138,846
			$178,028
		Total:	$178,028
		HTRW RA WBS Total:	$178,028

Phase:

Phase Type: Long Term Monitoring
Phase Name: Five-Year Reviews
Description: Five Year Rveiews beginning in 2017.

Start Date: January, 2017
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
Five-Year Review	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.20	SITE RESTORATION		
331.20.90	Other	Five-Year Review	$121,347
			$121,347
		Total:	$121,347
		HTRW RA WBS Total:	$121,347

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 12
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2024
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 14
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2026
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 16
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2028
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 18
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2030
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 20
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2032
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 22
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2034
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 24
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2036
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate

Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 26
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2038
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 28
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2040
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344

Phase:

Phase Type: Long Term Monitoring
Phase Name: GW Monitoring (Biannual) Year 30
Description: Biannual GW Monitoring of 6 wells for VOCs and 1,4-dioxane for 20 years beginning in 2024 (Year 12).

Start Date: January, 2042
Labor Rate Group: System Labor Rate
Analysis Rate Group: System Analysis Rate
Phase Markups: System Defaults

Technology Markups	Markup	% Prime	% Sub.
BIANNUAL MONITORING EVENT - VOCS	Yes	100	0
BIANNUAL MONITORING EVENT - 1,4-DIOXANE	Yes	100	0

Project WBS Report
(with Markups)

HTRW RA WBS			Marked Up Costs
331	HTRW REMEDIAL ACTION (CONSTRUCTION)		
331.02	MONITORING, SAMPLING, TESTING, AND ANALYSIS		
331.02.91	Other	BIANNUAL MONITORING EVENT - 1,4-DIOXANE	$3,932
	Other	BIANNUAL MONITORING EVENT - VOCS	$26,412
			$30,344
		Total:	$30,344
		HTRW RA WBS Total:	$30,344
		Total:	**$37,384,169**

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