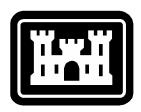
FINAL

WELL COMPLETION REPORT FOR THE INSTALLATION OF ADDITIONAL MONITORING WELLS – PHASES I & II AT THE CLAREMONT POLYCHEMICAL SUPERFUND SITE

OLD BETHPAGE, NEW YORK

November 2006



Prepared for

United States Army Corps of Engineers, Kansas City District

Prepared by

Science Applications International Corporation Under Contract No. DACW41-02-D-005, Task Order No. 0002

Table of Contents

Acronyı	Preceding Text	
1.0	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	OBJECTIVES	2
1.3	PROJECT ORGANIZATION AND RESPONSIBILITIES	3
2.0	FIELD ACTIVITIES	4
2.1	APPROVED FIELD CHANGES TO THE WORK PLAN	4
2.1.	.1 Naming Convention of Monitoring Well at Location EW-10	4
2.1.		
2.1.		
2.1.	.4 Discontinued Use of Top Centralizer	
2.1.	.5 Initial Sampling Depth at EW-4D	<i>c</i>
2.1.	.6 Location of EW-11D	<i>6</i>
2.2	ROTARY SONIC DRILLING AND WELL INSTALLATION	
2.2.	.1 Drill Site Preparation	
2.2.	.2 Equipment Preparation and Health and Safety Inspections	
2.2.	.3 Decontamination	
2.2.	.4 Rotary Sonic Drilling	
2.2.	.5 Well Construction	8
2.3	DISCRETE INTERVAL GROUNDWATER SAMPLING	10
2.3.	.1 EW-2D Discrete Interval Groundwater Sampling Results	11
2.3.	.2 EW-4D Discrete Interval Groundwater Sampling Results	12
2.3.	.3 EW-10C Discrete Interval Groundwater Sampling Results	12
2.3.	.4 EW-11D Discrete Interval Groundwater Sampling Results	13
2.3.	.5 EW-12D Groundwater Sampling Results	13
2.3.	.6 EW-13D Groundwater Sampling Results	14
2.3.	.7 EW-14D Discrete Interval Groundwater Sampling Results	14
2.3.	.8 QA/QC Sampling Results	
2.4	WELL DEVELOPMENT	15
2.4.	.1 Phase I Well Development	15
2.4.	.2 EW-2D, EW-12D and EW-13D Turbidity Issue and Redevelopment	
2.4	.3 Phase II Well Development	19
2.5	Waste Management	20
2.5.	.1 Soil	20

Final -	Well Completion Report for the Installation of Additional Monitoring Wells - Pho	ases I & II
2.	5.2 Water	21
2.6	PUMP INSTALLATION	21
2.7	Surveying	21
3.0	STRATIGRAPHIC CROSS-SECTIONS	23
3.1	East –West Cross-section	23
3.2	North –South Cross-Section	24
3.3	Northwest-Southeast Cross-Section	24
4.0	REFERENCES	26
Figure Figure	Figures 1 New Monitoring Well Location Map	Following Text Following Text
	Tables	
	1 Claremont Screening Levels	_
	2 Well Construction Details	
	3 EW-2D Groundwater Sampling Laboratory Analytical Results	
	5 EW-10C Groundwater Sampling Laboratory Analytical Results	
	6 EW-11D Groundwater Sampling Laboratory Analytical Results	
	7 EW-12D Groundwater Sampling Laboratory Analytical Results	
	8 EW-13D Groundwater Sampling Laboratory Analytical Results	
	8a EW-13D Groundwater Sampling Dissolved Gases Laboratory Analytical	_
	9 EW-14D Groundwater Sampling Laboratory Analytical Results	
Table	10 Quality Control Sampling Laboratory Analytical Results	Following Text
	11 Turbidity Issue Groundwater Sampling Laboratory Analytical Results	
Table	12 Soil Cuttings Sample Laboratory Analytical Results	Following Text

Appendices

Appendix A Daily Activity Reports

Appendix B Photos

Appendix C Field Change Requests

Appendix D Well Boring Logs

Appendix E Monitoring Well Construction Logs

Appendix F NYSDEC Well Completion Reports

Appendix G Groundwater Sampling Logs

Appendix H Groundwater Sampling Laboratory Reports

Appendix I Well Development Logs

Appendix J Turbidity Issue Groundwater Sampling Laboratory Reports

Appendix K Waste Disposal Documentation

Appendix L Soil Cuttings Sampling Laboratory Report

Acronyms and Abbreviations

amsl above mean sea level bgs below ground surface DO dissolved oxygen

EPA United States Environmental Protection Agency

FCR field change request gpm gallons per minute

GWTF groundwater treatment facility LTRA Long Term Response Action NTU nephelometric turbidity units

NYSDEC New York State Department of Environmental Conservation

ORP oxidation reduction potential

OU1 Operable Unit 1
PCE tetrachloroethene
PG Professional Geologist
PID photoionization detector
PVC polyvinyl chloride

QA/QC quality assurance/quality control

ROD record of decision

RPD relative percent difference

SAIC Science Applications International Corporation

SAP sampling and analysis plan

SOW scope of work

SSHP site safety and health plan

TCE trichloroethene

USACE United States Army Corps of Engineers

VOC volatile organic compound

1.0 INTRODUCTION

This Well Completion Report describes activities related to the installation of seven additional groundwater monitoring wells at the Claremont Polychemical Superfund Site in Old Bethpage, New York. Science Applications International Corporation (SAIC) completed the well installations in accordance with the U.S. Army Corps of Engineers Kansas City District (USACE) *LTRA Scope of Work Addendum* (USACE 2005), the USACE approved *Work Plan* (SAIC 2005), and SAIC's proposal to USACE (SAIC 2005a).

1.1 Background

Operation of the Groundwater Treatment Facility (GWTF) at the Claremont Polychemical Facility began in February 2000 as part of the remedy for Operable Unit 1 (OU1) for groundwater as identified in the Record of Decision (ROD) dated 1990. The plant pumps and treats contaminated groundwater stemming from the release of hazardous chemicals, primarily volatile organic compounds (VOCs), from a former chemical manufacturing plant. Groundwater is extracted at a combined rate of approximately 400 gallons per minute (gpm) from three extraction wells. Groundwater is treated to meet discharge requirements in accordance with a New York State Department of Environmental Conservation (NYSDEC) state discharge equivalency permit. Treated groundwater is discharged to groundwater via four groundwater injection wells. Site monitoring conducted in support of the Claremont Polychemical treatment program currently includes quarterly sampling and analysis of groundwater from 37 monitoring and 3 extraction wells. Additional groundwater data collected includes groundwater elevations and water quality field data collected during well purging prior to sample collection.

There are two other groundwater extraction, treatment and monitoring programs ongoing in the area of the Claremont Site. These include a groundwater remediation program being performed by Nassau County in relation to a groundwater plume thought to be originating from the Fireman's Training Center, and a groundwater remediation program being performed by the Town of Oyster Bay in relation to a groundwater plume thought to be originating from the Old Bethpage Landfill.

Interpretations of the data collected under the Claremont Polychemical and Nassau County programs indicated possible hydrogeologic interrelationships between the three ongoing groundwater extraction and plume monitoring programs. As a result, the U.S. Environmental Protection Agency (EPA) determined that groundwater monitoring at additional locations and depths was required to further define regional

groundwater plume and flow conditions. Further definition of regional plume and flow characteristics will support a reevaluation of the adequacy and efficiency of the three groundwater extraction systems. This approach to groundwater management may suggest opportunities for operating the three systems in consideration of the regional groundwater setting so that the total effectiveness and efficiency of the three programs are optimized.

Data obtained by Nassau County during investigations conducted for the Fireman's Training center indicated that contamination is present at depths below those currently monitored at the Claremont site. Site-specific data from monitoring well EW-7C at Claremont also suggested the occurrence of groundwater contamination below the maximum depth of ongoing site monitoring at monitoring well clusters EW-2 and EW-4.

In order to address the need for additional data, four additional upgradient monitoring wells (EW-7C, EW-7D, EW-8D and EW-9D, Figure 1) were installed in November and December 2004 to determine if groundwater beneath the site is being impacted by unidentified hydraulically upgradient sources and to further define the horizontal and vertical extent of contamination at the site. These monitoring wells were installed in Levels 4 and 5 in the northeast corner of the site (EW-7C and EW-7D), Level 5 in the northwest corner of the site (EW-8D), and Level 5 north of the former process plant (EW-9D). Levels 4 and 5 (corresponding roughly to Level B in the County well field) were selected to determine if contamination previously detected at depth during Nassau County investigations is related to sources hydraulically upgradient of the Claremont Polychemical site. The Screening Level depths used for these previous investigations, as well as for the recent investigations are defined in Table 1.

Installation of the wells completed in 2004 indicated the possible presence of a contaminant plume originating from a source hydraulically up-gradient of the Claremont site. These results indicated that this other plume, if confirmed by additional well installations, is likely commingling with the contaminant plume originating from Claremont. The groundwater characterization results also documented that the easternmost boundary of the groundwater plume beneath the Claremont site could not be delineated based on the existing data. Installation of additional wells was planned to further evaluate the possible presence and extent of this other plume.

1.2 Objectives

The principle objectives of the work were as follows:

• Determine the aquifer characteristics with depth as related to groundwater flow, and the fate and

transport of any associated groundwater contaminants, with emphasis on those areas located immediately east of the Claremont site.

- Determine the presence or absence and distribution with depth of any groundwater contaminants.
- Define the eastern side of the plume and determine the effects of the extraction and injection well fields on plume capture.

As discussed in greater detail in the following sections of this report, the general approach was to advance a borehole at each location while collecting continuous soil cores for detailed geologic logging. Groundwater samples were collected, generally, at 20-foot intervals and quickly analyzed for VOCs by a local laboratory. The results of the soil coring and groundwater analysis were used to guide the drilling and well construction process. The results were also interpreted to determine the maximum depth of contaminants and the depth of highest contaminant concentrations. These results will be used in future hydrogeologic modeling evaluations of the source, extent, and fate and transport controls on area groundwater impacts.

1.3 Project Organization and Responsibilities

SAIC, on behalf of USACE, had overall responsibility for the installation of the additional monitoring wells at the site. SAIC personnel were onsite providing direct oversight during drilling, sampling and well installation activities. The USACE and the EPA provided project direction and oversight and was responsible for reviewing sampling results and field observations, and for making final decisions on the depth and screened intervals of the monitoring wells. The USACE and the EPA made periodic visits to provide field oversight.

The drilling subcontractor for the installation of the new monitoring wells was D.L. Maher Drilling & Pump Services, a Division of Boart Longyear Company (Maher). The local analytical laboratory was American Analytical Laboratories located in Farmingdale, NY. Survey work was completed by AK Associates Professional Land Surveyors of Rockville Centre, NY.

2.0 FIELD ACTIVITIES

Seven additional monitoring wells were installed using industry standard rotary sonic drilling methods. Well drilling activities were completed in two phases. Phase I began on December 13, 2005, and was completed on January 17, 2006. Wells installed during Phase I included EW-2D, EW-10C, EW-12D and EW-13D. Phase II began on May 3rd and was completed on May 22, 2006. Wells installed during Phase II included EW-4D, EW-11D and EW-14D.

During drilling, groundwater samples were collected at discrete depths for laboratory analysis for contaminant screening purposes. The samples were analyzed by a local analytical laboratory with rapid turn around times. Screening level results were available in less than two hours to support near real-time decision making on total boring and sampling depth and final well construction. After construction, wells were developed and dedicated bladder pumps were installed in each monitoring well. Final well locations and elevations were determined by engineering survey. All work was done in accordance with the USACE approved *Work Plan* (SAIC 2005d), *Site Safety and Health Plan* (SSHP) (SAIC 2004), and the *Sampling and Analysis Plan* (SAP) (SAIC 2005b). Copies of the Daily Activity Reports completed by the SAIC Field Manager are included in Appendix A. Photographs were taken throughout the well installation task and are included in Appendix B.

2.1 Approved Field Changes to the Work Plan

All work was done in accordance with the USACE approved *Work Plan* (SAIC 2005d) with the exception of the approved field changes described below. The field change request (FCR) log and forms are included in Appendix C.

2.1.1 Naming Convention of Monitoring Well at Location EW-10

The *Work Plan* proposed the installation of monitoring well EW-10D with a screened interval of 270 to 280 feet below grade surface (bgs). Based on the laboratory results from the samples collected at the well location, the USACE, EPA and SAIC determined that the well should be constructed with a screen interval shallower than that proposed in the *Work Plan*. Based on the shallower completion depth, it was determined that the monitoring well installed at the EW-10 location would be named EW-10C instead of EW-10D in accordance with well naming conventions used at the site.

2.1.2 Schedule for Drilling and Installation of Monitoring Wells EW-13D and EW-14D

The *Work Plan* proposed monitoring well EW-14D to be constructed during Phase I. Due to poor access conditions due to winter season site wetness at the EW-14D location on the State University of New York (SUNY) at Farmingdale property, the EPA and USACE agreed that EW-13D, originally proposed under the Phase II work scope, should be installed during Phase I in place of EW-14D. The drilling and construction of EW-13D was completed during Phase I, and EW-14D was installed during Phase II.

2.1.3 Well Development Criteria

Section 3.8 of the *Work Plan* required that the development of the newly installed wells be completed by pumping until the field parameters pH, conductivity, DO, and ORP are stable and turbidity be less than 50 nephelometric turbidity units (NTUs). The development was to be continued until the stabilization of field parameters were achieved, or a total pumping time of 3 hours was reached and a minimum volume of water was removed equaling three well volumes and three times the volume of water lost during drilling within the screened interval. If the 3 hour time limit was reached before stabilization was achieved, then the USACE was to be contacted and further development requirements were to be determined.

Developing the wells so that the purge water had a turbidity of less than 50 NTUs was not always feasible. After 3.25 hours of development at EW-2D, all of the development requirements were met with the exception of turbidity. The USACE project manager was contacted to discuss further development of the well. It was determined that no additional well development would be required at the EW-2D well location. In addition, SAIC was advised that during the following weekend, SAIC could terminate development activities at the other well locations and consider development complete if all requirements were met with the exception of turbidity without contacting the USACE for approval at each well. These decisions were made based on the fact that previous experience with wells installed by sonic methods using this same development methodology had yielded sediment free samples during subsequent low-flow sampling events. It was also understood that future additional development may be required for any well where the target turbidity value of 50 NTUs was unable to be achieved during a future quarterly sampling event.

2.1.4 Discontinued Use of Top Centralizer

Section 3.6 of the *Work Plan* required that two centralizers be used during well construction to keep the well screen in the center of the borehole. The centralizers are placed at the top and at the bottom of the

well screen. Two centralizers were used during the construction of all Phase I wells; however, the driller experienced frequent problems during placement of the sand pack when the sounding tape would get caught on the centralizer. Frequent sounding during placement of the sand pack was necessary during well construction to ensure that material thickness requirements were met.

During construction of EW-14D, the sounding tape became caught on the top centralizer, and the driller was unable to free it. Approximately 100 feet of sounding tape and the steel weight were lost down the borehole in the sand pack. In order to retrieve the sounding tape, the screen and riser were removed from the borehole, and, fortunately, the tape and weight came up with the screen tangled up in the top centralizer. The borehole was cleaned out to remove the sand pack and reestablish the desired well depth, and the well was reconstructed.

Given the problems experienced at EW-14D and the potential for a significant impact to the drilling program (e.g., unable to retrieve broken sounding tape from well resulting in the possible abandonment of the borehole and re-drilling of the well at an adjacent location), SAIC submitted FCR 2 proposing that only the bottom centralizer be used during well construction for the Phase II wells. This change was justified based on the fact that the bottom of the screen was centered by the lower centralizer, and the remainder of the screen would remain centered since the screen and riser was suspended from the drill rig during well construction to ensure that it was hanging centered in the borehole. In addition, the screen and riser were made of Schedule 80 PVC further minimizing the possibility of flexing the well. The approved FCR 2 is included in Appendix C.

2.1.5 Initial Sampling Depth at EW-4D

Section 3.4.1 of the *Work Plan* proposed that groundwater sampling at EW-4D begin at a depth of 155 feet bgs. Monitoring well EW-4D is located in an existing well cluster that includes EW-4C that has a total depth of 155 feet bgs. EW-4C has been sampled quarterly for over four years. SAIC submitted FCR 3 to propose that sampling begin at the drilling interval below 155 feet bgs because sampling at 155 feet bgs would not provide new characterization information. The approved FCR 3 is included in Appendix C. Discrete interval sampling at EW-4D began at 175 feet bgs.

2.1.6 Location of EW-11D

As shown on Figure 1a of the *Work Plan*, the proposed location of EW-11D was between EW-12D and EW-13D. Based on findings during Phase I and discussions with the USACE and EPA, it was determined

that more useful characterization information would be obtained if the location of EW-11D was moved approximately 450 feet east of EW-12D. SAIC submitted FCR 4 to propose moving this well location. The approved FCR 4 is included in Appendix C.

2.2 Rotary Sonic Drilling and Well Installation

2.2.1 Drill Site Preparation

SAIC reviewed all proposed drilling locations with respect to drill rig access, subsurface and overhead utility clearance, ground surface conditions and surface water flow conditions and staked the proposed well locations in the field. All proposed drilling locations were reviewed and approved by the USACE and the EPA. Prior to each Phase of drilling and as required by law, the drilling subcontractor completed a New York City & Long Island One Call ticket to identify underground utilities that could be in potential conflict with the proposed drilling locations. On the legal dig date, the proposed drilling locations and utility mark outs were reviewed, and there were no conflicts. Drill sites located on SUNY and Old Bethpage State Park properties were reviewed with the facility managers and access agreements were secured by the EPA.

2.2.2 Equipment Preparation and Health and Safety Inspections

Upon mobilization to the site, SAIC verified that the drilling subcontractor's equipment was acceptable and operable. The three operable kill switches on the rig were tested daily, and the test was documented by SAIC. A Drill Rig Operational Checklist was completed at the beginning of each 10-day shift. A Daily Tailgate Safety Meeting and Drill Rig Inspection Checklist were completed at the beginning of each day. This documentation is in the project file and is available on request.

2.2.3 Decontamination

A temporary decontamination pad was constructed by Maher adjacent to the treatment plant building at the edge of the asphalt pavement. All of the drilling equipment was decontaminated upon mobilization to the site, between wells, and prior to demobilization in accordance with the SAP (SAIC 2005b). Decontamination fluids generated were collected in the decontamination pad and were handled in accordance with the procedures detailed in Section 2.5.

2.2.4 Rotary Sonic Drilling

All of the monitoring wells were installed in accordance with the LTRA SOW Addendum (USACE 2005) and the NYSDEC State Requirements for Drilling and Well Construction (6 NYCRR 360-2.11).

The senior driller on the rig was certified and licensed to operate in the State of New York.

Rotary sonic drilling is a multi-cased system that simultaneously uses high-frequency vibration and low-speed rotational motion coupled with downward pressure to advance the cutting edge of the circular drill string. This action produces a uniform borehole while providing relatively continuous, undisturbed core samples of both overburden and most bedrock formations that can be retrieved for examination and classification.

For this project, Maher used a four-inch diameter core barrel with a six-inch diameter over ride casing to advance the borehole to the total depth. The use of water to assist in drilling was minimized and only used when it was necessary due to subsurface conditions. Below the water table, heaving sand conditions were occasionally encountered and actions were taken to minimize heaving by adding potable water to the inside of the drill string in an attempt to maintain positive hydrostatic pressure within the drill string. When heaving sands were identified within the drill string, a minimal quantity of water was used to remove the sand.

Continuous soil cores from the ground surface to the bottom of the borehole at each well location were collected for logging purposes, screen depth and interval selection, and inspection of materials within the screened interval to determine adequacy of the proposed filter pack material. Retrieved soil cores were vibrated out of the core barrel into plastic sleeves and labeled. The plastic sleeves were opened, and the soil cores were screened immediately with a photo-ionization detector (PID). SAIC's field geologist logged the soils and completed USACE Forms MRK55 and MRK55-2 in accordance with the USACE borehole logging guidance. Copies of the boring logs are included in Appendix D. When the water table was encountered and the borehole was advanced far enough to provide a water column sufficient for pumping, discrete interval groundwater samples were collected for laboratory analysis. Groundwater sampling is described in Section 2.3. Drill cuttings and fluids were containerized and processed as discussed in Section 2.5.

2.2.5 Well Construction

All of the monitoring wells were constructed and completed in accordance with the LTRA SOW Addendum (USACE 2005) and the New York State requirements (6 NYCRR 360-2.11). The monitoring wells screens were nominal 2.25-inch inside diameter, 0.010-inch machine slotted, Schedule 80 PVC and 10 feet in length. The well screens were attached by flush threads to 2.25-inch inside diameter Schedule 80 PVC riser pipe. For the Phase I wells, stainless steel centralizers were installed above and at the

bottom of the screen to hold the screen in the center of the borehole during filter pack placement. Only the bottom centralizer was used for the Phase II wells as discussed in Section 2.1.4.

Adequacy of the filter pack was determined in the field based on the visual inspection of the grain size distribution of the subsurface materials within the screened interval. A filter pack consisting of Morie No. 0 silica sand was used for all wells. The filter pack was installed from 6 inches below the well screen to a minimum of two feet above the top of the well screen. The sand pack was installed at a uniform rate and was closely monitored to ensure even placement and prevent bridging. The sonic casing was gently vibrated to settle and set the filter pack, and to retrieve the casing. The duration and intensity of casing vibration during settling of the sand pack and retrieval of the casing was minimized due to the potential for unstable borehole conditions below the screen interval due to borehole abandonment below the screened interval. Approximately six inches of a finer grained sand pack material (Morie No. 000) was placed at the top of the sand pack between the filter pack sand and the bentonite seal.

Following the placement of the filter pack sand and overlying fine sand, a bentonite chip seal of at least three feet was placed above the filter pack. The bentonite was allowed to fully hydrate in accordance with the work plan prior to emplacement of overlying materials. The top of the bentonite seal was verified using a weighted tape during placement. Six to twelve inches of fine grained (Morie No. 000) sand pack was placed above the bentonite seal to minimize grout infiltration as required by New York State Requirements.

An annular seal consisting of a cement-bentonite grout was placed above the fine sand overlying the bentonite seal using a side discharge tremie pipe. The tremie pipe was closed ended with side discharging openings along the bottom portion of the pipe. The side discharge application of the annular seal allowed the grout to be placed into the annular space without disturbing the bentonite seal. The annular seal was installed in one continuous operation from the top of the fine sand overlying the bentonite seal to the ground surface.

A locking aboveground protective steel casing was placed over the well casing and secured with a concrete anti-percolation collar at well locations EW-4D, EW-10C, EW-11D, EW-12D, EW-13D, and EW-14D. A drain hole was drilled at the base of each protective casing. The annulus of the protective casing was filled with filter pack sand. The concrete surface seal extends to 3.5 feet bgs, the normal maximum frost depth, to prevent potential well damage. The anti-percolation collar was constructed by pouring concrete into a pre-built form with three foot long sides. The anti-percolation collar is designed

to prevent surface runoff from ponding and entering the well casing. Bollards were installed around each aboveground protective steel casing.

At the request of Old Bethpage State Park, an at-grade surface completion consisting of a metal driveover was constructed for EW-2D. The metal drive-over was concreted in place to a depth of 3.5 feet bgs, but the concrete was not brought to the ground surface so grass could be maintained around the drive-over at the request of the State Park. The Monitoring Well Construction Logs for each well are included in Appendix E, and well construction details are summarized on Table 2.

In accordance with New York State Environmental Conservation regulations, Maher submitted Long Island Well Completion Reports to NYSDEC for each new monitoring well. Copies of the Well Completion Reports are included in Appendix F. The NYSDEC assigned well numbers are included on each report and in Table 2.

2.3 Discrete Interval Groundwater Sampling

Groundwater samples were collected during advancement of the boreholes using discrete interval groundwater sampling protocols. These screening level samples were analyzed with rapid turn around times by American Analytical Laboratories, a local analytical laboratory. The results were used to provide a vertical profile of the contaminant plume and to determine the appropriate interval for monitoring well screen placement.

All sampling, equipment, containers and preservatives, sample handling, and documentation were in accordance with the SAP (SAIC 2005b). Groundwater samples were analyzed for VOCs by Method 8260B by American Analytical Laboratories with analytical results provided within 2 hours of receipt of samples. Reporting levels were in accordance with the SAP (SAIC 2005b). Sampling equipment was decontaminated after each sample in accordance with the *Work Plan* (SAIC 2005d).

A total of 60 discrete interval groundwater samples were collected for analysis after purging and stabilization of water quality criteria in accordance with the approved *Work Plan* (SAIC 2005d). SAIC personnel directed, supervised and documented all sampling activities. Copies of the completed groundwater sampling logs are included in Appendix G. Purge times ranged from 37 to 154 minutes, with an average purge time of 64 minutes. Pumping rates depended on the nature of the subsurface materials exposed to the temporary well screen and ranged from 0.9 gallons per minute (gpm) to 16.7 gpm. The average pumping rate during well purging was 8.3 gpm.

Fine bubbles from degassing of the groundwater were present during purging from select intervals at MW-12D and MW-13D (see photo, Appendix B). These bubbles interfered with the turbidity meter resulting in anomalously high turbidity measurements. In addition, at the start of Phase II, the Horiba turbidity sensor was malfunctioning. Not including the degassing samples and the turbidity sensor problems, 88 percent of the samples were collected when turbidity values were less than 50 NTUs. Section 3.4.2 of the approved *Work Plan* addressed the difficulties of obtaining turbidity values less than 50 NTUs and allowed the collection of samples in instances where the turbidity could not reasonably be reduced to less than 50 NTUs and all other water quality parameters were stable.

The identification number for each groundwater sample included the well name, the depth of the bottom of the temporary screen in feet bgs, and the approximate elevation of the bottom of the screen in feet above mean sea level (amsl) [e.g., EW-13D/235/-73]. The sample identifiers and associated sample intervals are also indicated on the boring logs attached in Appendix D. In addition to the 60 groundwater samples, 2 samples of drilling water (potable water added for drill string advancement), 2 duplicate groundwater samples, and 3 water samples collected from within the drill string above the packer sampling assembly were collected for quality assurance/quality control (QA/QC) purposes in accordance with the *Work Plan* (SAIC 2005d). The laboratory results for the groundwater and QA/QC samples, organized by well number are provided in Appendix H. Discrete interval sample results for each well and the QA/QC samples are discussed below.

2.3.1 EW-2D Discrete Interval Groundwater Sampling Results

A total of 9 samples were collected during borehole advancement at EW-2D. The first sample was collected below the screen interval of the deepest existing well at the EW-2 well cluster, resulting in a first sample depth of 3 feet amsl (155 feet bgs). Subsequent samples were collected at 20 foot intervals. The analytical results are provided in Table 3 and the laboratory reports are included in Appendix H. The purge water from the first sample interval appeared to be degassing (see photo, Appendix B), and it was speculated that the degassing may be related to treated groundwater reinjected into the nearby injection well field.

No contaminants were detected in the first interval sampled. TCE was detected in the second sample at a concentration of 50 μ g/L. The TCE concentration of the next sample increased to a concentration of 3,000 μ g/L at -37 feet amsl (195 feet bgs). This was the highest concentration of TCE detected during either the recent or previous well installation activities. The TCE concentration decreased with each successive sample interval. TCE was not detected in the sample collected from -157 feet amsl (315 feet

bgs), which was the deepest interval sampled at this location. In addition to TCE, tetrachloroethene (PCE), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), carbon tetrachloride, and 1,1,1-trichloroethane (1,1,1-TCA) were also detected in the samples for this borehole. Sample results for the -72 feet amsl (-235 feet bgs) had concentrations of 1,1,1-TCA and 1,1-DCE both at 480 μ g/L. These were the highest concentrations of these constituents detected during this or the previous well installation task.

2.3.2 EW-4D Discrete Interval Groundwater Sampling Results

A total of 7 samples were collected during borehole advancement at EW-4D. The first sample was collected at the next interval below the screen interval of the deepest existing well at the EW-4 well cluster as discussed in Section 2.1.5, resulting in the first sample depth of -15.7 feet amsl (175 feet bgs). Subsequent samples were collected at 20 foot intervals. In addition, a blind duplicate of the sample collected at -55.7 feet amsl (215 feet bgs) was submitted to the laboratory. The analytical results are provided in Table 4 and the laboratory reports are included in Appendix H. TCE was detected in the first sample (-15.7 feet amsl [175 feet bgs]) at a concentration of 280 μ g/L. The TCE concentration reached a maximum concentration of 2,000 μ g/L at -35.7 feet amsl (195 feet bgs). TCE concentrations remained above 1,000 μ g/L to a depth of -75.7 feet amsl (235 feet bgs) and then began decreasing with each successive sample interval to the last sample collected at -135.7 feet amsl (295 feet bgs). The TCE concentration at -135.7 feet amsl (295 feet bgs) was 2.6 μ g/L. In addition to TCE, PCE, cis-1,2-DCE, 1,1-DCA, 1,2-dichloroethane (1,2-DCA), 1,1-DCE, and 1,1,1-TCA were also detected in the samples for this borehole.

A duplicate sample was collected and submitted for analysis from sample interval -55.7 feet amsl (215 feet bgs). The analytical results for the duplicate sample (CPC-01-EW4D) are included in Table 4 and the laboratory reports are included in Appendix H. As shown in Table 4, the results for the sample and duplicate had relative percent difference (RPDs) between 7 and 68 percent. The RPD for the PCE results was 68 percent, and there are no apparent reasons for this significant difference. The laboratory did not note any QA issues with these two samples.

2.3.3 EW-10C Discrete Interval Groundwater Sampling Results

A total of 6 samples were collected during borehole advancement at EW-10C. The first sample was collected when sufficient depth of groundwater was available in the drill column for sampling, resulting in a first sample depth of 29 feet amsl (135 feet bgs). Subsequent samples were generally collected at 20 foot intervals. Samples were not collected at -16 feet amsl (175 feet bgs) and -36 feet amsl (195 feet bgs) due to insufficient permeability of the aquifer materials at those intervals. The analytical results are

provided in Table 5 and the laboratory reports are included in Appendix H. TCE was detected in the first sample at a concentration of 29 μ g/L. The TCE concentration increased with the next sample to a concentration of 240 μ g/L at 4 feet amsl (155 feet bgs). The TCE concentration then decreased at the next sample interval to 42 μ g/L at -56 feet amsl (215 feet bgs). No contaminants were detected in the bottom two intervals sampled. In addition, PCE, cis-1,2-DCE, 1,1-DCE, 1,1-DCA, 1,1,1-TCA, methyltert-butyl ether (MTBE), and toluene were detected in the samples for this borehole.

A duplicate sample was collected and submitted for analysis from sample interval 4 feet amsl (155 feet bgs). The analytical results for the duplicate sample (CPC-01-EW10D) are included in Table 5 and the laboratory reports are included in Appendix H. As shown in Table 5, the results for the sample and duplicate were in close agreement with RPDs between 0 and 8 percent.

2.3.4 EW-11D Discrete Interval Groundwater Sampling Results

A total of 8 samples were collected during borehole advancement at EW-11D. The first sample was collected at a depth of 5 feet amsl (155 feet bgs). Subsequent samples were collected at -15, -30, -45, -75, -95, -115 and -135 feet amsl. The sample depth intervals were modified as needed based on the subsurface conditions. The analytical results are provided in Table 6 and the laboratory reports are included in Appendix H. TCE was not detected until -45 feet amsl (205 feet bgs) at a concentration of 150 μ g/L. The next sample interval (-75 feet amsl [235 feet bgs]) had a TCE concentration of 51 μ g/L, but the next two sample intervals were non-detect for all analytes. After the two non-detect intervals, TCE was detected at a concentration of 4.6 μ g/L at a depth of -135 feet amsl (295 feet bgs). In addition to TCE, PCE, cis-1,2-DCE, and 1,1-DCE were detected in the samples for this borehole.

2.3.5 EW-12D Groundwater Sampling Results

A total of 7 samples were collected during borehole advancement at EW-12D. The first sample was collected when sufficient depth of groundwater was available in the drill column for sampling, resulting in a first sample depth of 27 feet amsl (135 feet bgs). Subsequent samples were collected at 20 foot intervals. The analytical results are provided in Table 7 and the laboratory reports are included in Appendix H. The purge water from all of the sample intervals appeared to be degassing (see photo, Appendix B), and it was speculated that the degassing may be related to treated groundwater reinjected into the hydraulically upgradient Claremont injection well field. TCE was detected in only two samples collected at -33 feet amsl (195 feet bgs) at a concentration of 4.2 μ g/L and at -53 feet amsl (215 feet bgs) at a concentration of 4.0 μ g/L. In addition, PCE, 1,1-DCE, and 1,1,1-TCA were detected in the sample from -33 feet amsl (195 feet bgs).

2.3.6 EW-13D Groundwater Sampling Results

A total of 13 samples were collected during borehole advancement at EW-13D. The first sample was collected when sufficient depth of groundwater was available in the drill column for sampling, resulting in a first sample depth of 27 feet amsl (135 feet bgs). Subsequent samples were collected at 20 foot intervals. The analytical results for the samples are provided in Table 8 and the laboratory reports are included in Appendix H. TCE was detected at 27 feet amsl (135 feet bgs) at a concentration of 1.9 μg/L. The next two samples were non detect for all contaminants. TCE was detected at estimated concentrations of 0.72 and 0.62 at sample depths -33 feet amsl (195 feet bgs) and -53 feet amsl (215 feet bgs), respectively. TCE was not detected in the next two sample intervals, but was detected again at -113 feet amsl (275 feet bgs) sample at a concentration of 150 μg/L. It appeared that the TCE concentration was then decreasing with increasing depths, but the concentration then increased to 110 μg/L at -193 feet amsl (355 feet bgs). The bottom sample at -213 feet amsl (375 feet bgs) had a TCE concentration of 72 μg/L. In addition, PCE, cis-1,2-DCE, 1,1-DCE, 1,1-DCA, and 1,1,1-TCA were detected in samples from this borehole. EPA directed that advancement of the borehole be discontinued at -213 ft amsl since contamination below this depth was considered be not related to the Claremont Facility

The purge water from the sample intervals above -113 feet amsl (275 feet bgs) appeared to be degassing (see photo, Appendix B), and it was speculated that the degassing may be related to treated groundwater reinjected into the downgradient injection well field. In an attempt to understand the cause of the degassing, the groundwater from the -93 feet amsl (255 feet bgs) interval was also analyzed for dissolved gases. The dissolved gases analytical results for the sample are provided in Table 8a and the laboratory reports are included in Appendix H. As shown in Table 8a, dissolved carbon dioxide was present at a concentration of 2,240 parts per million by volume (ppmv), which is considered to be highly elevated for this aquifer. The dissolved oxygen concentration was 7.87 ppmv, which is a typical concentration for the site.

2.3.7 EW-14D Discrete Interval Groundwater Sampling Results

A total of 10 samples were collected during borehole advancement at EW-14D. The first sample was collected when sufficient depth of groundwater was available in the drill column for sampling, resulting in a first sample depth of 44.7 feet amsl (55 feet bgs). Subsequent samples were collected at 20-foot intervals. Groundwater samples were not collected between -115 and -160 feet amsl due to impermeable subsurface conditions. The analytical results are provided in Table 9 and the laboratory reports are included in Appendix H. TCE was not detected until -35.3 feet amsl (135 feet bgs) at a concentration of $17 \mu g/L$. TCE concentrations increased with increasing depth, reaching a maximum of $460 \mu g/L$ at a

depth of -95.3 feet amsl (195 feet bgs). TCE concentrations then decreased with increasing depth. In addition to TCE, PCE, cis-1,2-DCE, chloroform, 1,2-DCA, 1,1-DCE 1,1-DCA, 1,1,2-TCA and 1,1,1-TCA were detected in the samples for this borehole.

2.3.8 QA/QC Sampling Results

In addition to the results for the two duplicate samples discussed above, QA/QC samples of the potable water sources and drill column water were collected in accordance with the *Work Plan*. The QA/QC sampling results are shown in Table 10 and the laboratory reports are included in Appendix H.

A sample of the potable water used during drilling activities was collected during the first ten day shift of each Phase. The Phase 1 Potable Water sample was collected on December 17, 2005, and was potable water from the plant. The Phase 2 Potable Water sample was collected on May 10, 2006, and was water from the SUNY baseball field spigot that was used during drilling at EW-14D. Each of these samples was collected from the storage tank of the drilling support truck. As shown in Table 10, no contaminants were detected in either of the potable water samples above the method detection limits indicating that both water sources were free of contaminants.

On January 7, 2006 during Phase I, a sample of water was collected from within the drill column above the packer sampling assembly using a disposable Teflon bailer. The sample was collected after sample EW-2D/255/-97 was collected and before the sampling pump was removed from the drill column. The purpose of this sample (Drill Stem) was to determine if any contaminants were present in the water in the drill column above the sampling assembly. As shown in Table 10, TCE and PCE were both detected at low concentrations of 3.6 µg/L and 1.0 µg/L, respectively. Due to the slight detection of TCE and PCE in the Drill Stem sample, it was decided that a second drill column water sample would be collected to evaluate the drilling and sampling procedures. On January 8, 2006 a second drill column water sample (Drill Stem 2) was collected after sample EW-2D/295/-137 was collected and before the sampling pump was removed from the drill column. No contaminants were detected in sample Drill Stem 2, which demonstrates the effectiveness of the sampling procedures and equipment to prevent cross contamination and transport of contaminants down the borehole. During Phase II, a drill stem sample was collected on May 10, 2006 after sample EW4D/295/-135.7 was collected and before the sampling pump was removed. As shown in Table 10, no contaminants were detected in this sample.

2.4 Well Development

2.4.1 Phase I Well Development

The Phase I monitoring wells (EW-2D, EW-10C, EW-12D and EW-13D) were developed by pumping with an 2-inch Grundfos[®] submersible pump until pH, conductivity, dissolved oxygen (DO), and oxidation reduction potential (ORP) were stable in accordance with the *Work Plan* (SAIC 2004d). Copies of the completed Well Development Logs for each well are included in Appendix I. A minimum of three well volumes plus three times the volume of water lost during drilling within the screened interval was removed.

MW-10C was developed for 1.4 hours until parameters were stabilized, turbidity was less than 50 NTUs and the minimum required volume of groundwater was removed.

After 3.25 hours of development at EW-2D, the turbidity had decreased to ~100 NTUs but did not appear to be further improving. SAIC contacted the USACE and were directed to stop development at EW-2D. Similar conditions were experienced during development of EW-7D (installed in Fall 2004) and subsequent samplings of that well conducted by low-flow purging showed no problems with excessive turbidity. All other monitored field parameters were stabilized at EW-2D at the completion of the 3.25 hours of development and the minimum required volume of groundwater was removed. The final turbidity measurement during development of EW-2D was 112 NTUs. During the discussion with the USACE concerning the development of EW-2D it was advised that for the remainder of the Phase I well development activities, development could be terminated without the turbidity less than 50 NTUs if the required minimum volume of groundwater was removed, all other field parameters were stabilized, and the well had been developed for a minimum of three hours. The USACE indicated that SAIC could terminate the development of EW-12D and EW-13D without contacting the USACE if the outlined conditions were met. Again, this protocol was followed assuming that additional development may be required if the target turbidity value of 50 NTUs was unable to be achieved during a future quarterly sampling event.

MW-12D was developed for 3 hours at which time all parameters were stabilized, turbidity measurements were greater than 50 NTUs, and the minimum required volume of groundwater was removed. The purge water during development was degassing and appeared to be affecting the turbidity meter resulting in erroneously high turbidity readings. The final turbidity measurement with the field instrument was 193 NTUs, but field personnel visually estimated that the actual turbidity was most likely in the range of 50-100 NTUs. Using USACE's prior approval, the development of EW-12D was terminated after 3 hours of active development.

MW-13D was developed for 3 hours at which time all parameters were stabilized, turbidity measurements were greater than 50 NTUs, and the minimum required volume of groundwater was removed. The final turbidity measurement was 274 NTUs. Using USACE's prior approval, the development of EW-12D was terminated after 3 hours of active development. All development water was transported to the plant for treatment.

2.4.2 EW-2D, EW-12D and EW-13D Turbidity Issue and Redevelopment

The four Phase I monitoring wells were sampled during the January/February 2006 quarterly sampling event. EW-10C was purged and sampled and the turbidity met the 50 NTUs stabilization requirement. However, during the January/February sampling event, the turbidity of EW-2D, EW-12D and EW-13D had increased significantly and exceeded the maximum reading on the Horiba U-22 water quality meter (greater than 999 NTUs). The significant increase in turbidity was unexpected given that low-flow purging procedures were used for the sampling event, and upon completion of the previous development the turbidity of these wells had ranged from 100 to 274 NTUs.

Due to the high turbidity, samples were not collected from these three wells as part of the quarterly sampling event. However, samples were collected from EW-2D and EW-12D on January 1, 2006 in an attempt to determine the cause of the high turbidity. EW-7D, considered to be beyond the influence of the injection well field, was also sampled to provide a source of comparative "background" data. The three samples were analyzed for calcium, magnesium, sodium, alkalinity, free carbon dioxide, pH, total dissolved solids (TDS), total suspended solids (TSS). The results for the sampling are included in Table 11, the sampling glogs are provided in Appendix g, and the laboratory reports are included in Appendix J. As shown in Table 11, the results for EW-2D and EW-12D were in general agreement, and these two wells had higher alkalinity, pH, calcium, magnesium, sodium, TDS and TSS concentrations as compared to the "background" sample, EW-7D.

After review of these initial sampling results, the USACE directed SAIC to sample EW-2D, EW-12D, and EW-13D and to analyze the samples for ethane, ethane, methane, oxidation-reduction parameters (nitrate-nitrite, sulfate-sulfite), and dissolved manganese. This sampling event was completed on March 1, 2006. EW-7C was included in this sampling event to provide a point of comparative "background" data. The results for the sampling are included in Table 11, the sampling logs are provided in Appendix G, and the laboratory reports are included in Appendix J.

High concentrations of dissolved and suspended solids in samples from EW-2D and EW-12D versus sample EW-7D (background) confirmed high field turbidity readings. Turbid samples EW-2D and EW-12D had much higher pH, alkalinity, Ca, Mg, and Na values than the non-turbid sample (EW-7D). There were no consistent differences between the turbid samples (EW-2D, EW-12D, and EW-13D) and the non-turbid sample (EW-7C) with respect to dissolved gases, redox parameters, or dissolved manganese. These results indicated that the turbid samples have higher alkalinity and dissolved solids than the non-turbid sample. The data in total, however, provided no obvious indications for the cause of the turbidity in these samples.

Monitoring wells EW-2D, EW-12D and EW-13D were again sampled on April 10, 2006, as part of quarterly groundwater sampling conducted at the site. Again, the turbidities exceeded the maximum reading on the water quality meter (greater than 999 NTUs). Given that the turbidity in these wells had not improved, the USACE directed SAIC to redevelop these three wells using mechanical surging and air lifting techniques.

To effectively develop a well (remove fines and create a stable filter pack), water must be moved through the screen and into the surrounding filter pack and aquifer in both directions (in and out). Development by only pumping moves water in only one direction (into the well) and can lead to the formation of unstable arches or sand bridges within the filter pack and surrounding aquifer. These arches and sand bridges can often be easily disturbed during subsequent activities (e.g., setting of dedicated pumps and sampling) and cause a failure of the filter pack resulting in silt/sand accumulation in the well. Mechanical surging and air lifting is a more vigorous development technique and results in the desired effect of water flow in both directions through the filter pack to insure that a stable filter pack is developed.

EW-12D Redevelopment

Redevelopment activities began at EW-12D on April 25, 2006. The redevelopment log is included in Appendix I. After 3 hours of development, the turbidity had improved to less than 100 NTUs, however redevelopment continued for an additional 1.5 hours. After a total of 4.5 hours and 380 gallons of development water removed from the well, the turbidity was reportedly 113 NTUs, however based on visual observations, it appeared that the turbidity was lower than that indicated by the turbidity meter. The following week, it was determined that the turbidity sensor on the site Horiba U-22 was malfunctioning resulting in erroneously high readings. On May 16, 2006, EW-12D was purged for ~50 minutes using the dedicated bladder pump under normal low-flow sampling conditions. As shown in Appendix I, the turbidity was indeed less than 50 NTUs, and it was determined that further development

was not necessary.

EW-2D Redevelopment

Redevelopment at EW-2D began on April 26, 2006. The redevelopment log is included in Appendix I. After approximately 45 minutes of surging and air lifting, ~180 gallons of development water had been removed and the turbidity had improved to 170 NTUs. Shortly thereafter, redevelopment activities ceased when the surge block/air lift assembly tool became stuck in the bottom of the well. The surge block became stuck apparently because the rubber wiper ring on the surge block was slightly larger than the inside diameter of the screen at the very bottom of the well. The field crew successfully removed the development tool the following week using a chain hoist. Given the improved turbidity and the malfunctioning turbidity sensor, EW-2D was purged for ~50 minutes on May 16, 2006 using the dedicated bladder pump under normal low-flow sampling conditions. As shown in Appendix I, the turbidity was less than 50 NTUs, and it was determined that further development was not necessary.

EW-13D Redevelopment

EW-13D was redeveloped on May 22, 2006 using mechanical surging and air lifting. The redevelopment information is included in Appendix I. After 3.5 hours, 530 gallons of development water had been removed and the turbidity was 39.1 NTUs. Based on these results, it was determined that further development was not necessary.

2.4.3 Phase II Well Development

At the start of Phase II, SAIC was directed to develop wells using a submersible pump as per the approved *Work Plan*. EW-14D was the first well installed and development activities were completed on May 10, 2006. The development log is included in Appendix I. After over 4 hours of pumping, all parameters were stabilized except for turbidity which was 120 NTUs. The volume requirement had been met, and in accordance with previous USACE approval, development activities were stopped. At the request of the EPA, SAIC purged and sampled EW-14D on May 21, 2006, in order to obtain sample results in time for an internal EPA deadline. During the purging of the EW-14D, it appeared that the turbidity was improving and that the 50 NTUs requirement would be met. However, when the pump was pulled up 3 feet in order to repair a fitting, that small amount of surging action resulted in an increased turbidity greater than 200 NTUs. At that point it was clear that EW-14D was not adequately developed.

Based on these well development results, the remaining Phase II wells (EW-4D and EW-11D) were developed using air lifting with surging, and EW-14D was redeveloped by air lifting. The development

logs for these wells are included in Appendix I. All development requirements as specified in the *Work Plan* were met and further development was not required.

2.5 Waste Management

2.5.1 Soil

Drill cuttings generated at each boring location were placed into 55-gallon drums and immediately labeled. The drums containing the drill cuttings were transported from the soil boring locations to a central staging area upon completion of each borehole.

Phase 1 Soil

A total of 21 drums of cuttings were generated during Phase I and placed at the concrete staging area on the eastern side of the former Claremont process plant. The soil drums were not immediately processed for disposal because the EPA was evaluating data to determine the appropriate waste classification for these and other Claremont wastes. The waste classification decision was made on April 10, 2006. Since Phase II was scheduled to begin the first week of May, the USACE directed SAIC to wait and process all of the drums from Phase I and Phase II at the same time. Upon mobilization of the drilling crew to the site on May 3, 2006, it was determined that the 21 soil drums had been emptied, and the soil cuttings removed from the site. On May 4, 2006 SAIC was informed by Mr. Lou DiGuardia, EPA Project Manager, that EPA's contractor for remediation activities at the former process plant had emptied the drums and disposed of the soil as non-hazardous waste with other soil drums from their respective remediation activities. Mr. DiGuardia agreed to provide SAIC with the waste disposal information when received, and this information is forthcoming. SAIC provided Mr. DiGuardia with the results of the previous analysis of soil cuttings from monitoring well EW-7C which documented those materials to represent non-hazardous waste.

Phase II Soil

A soil sample was collected during the drilling of EW-4D to characterize the cuttings for disposal purposes. The soil cutting sample was collected from the interval with the highest TCE groundwater concentration at a depth of -35.7 feet amsl (195 feet bgs) and analyzed for total VOCs. The analytical results are provided in Table 12 and the laboratory reports are included in Appendix L. TCE was the only analyte detected above the method detection limit. The TCE concentration was 200 µg/kilogram, indicating that the soil cuttings are non-hazardous. A total of 16 drums of cuttings were generated during Phase II. These drums were staged inside the fenced area at the treatment plant. These drummed soil cuttings were subsequently disposed of at the Waste Management facility in Model City, NY. The waste processing documentation and final disposal certificate are provided in Appendix K.

2.5.2 Water

Drilling water, purge water, development water and decontamination water was pumped to the outside subsurface sump of the GWTF for subsequent treatment by the plant. Sediment was removed from the water prior to transfer to the GWTF using a system of weirs, settling tanks, a sand filter, and a bag filter. Collected sediment was containerized in the 55-gallon drums of drill cuttings and will be disposed of with the drill cuttings.

2.6 Pump Installation

Dedicated stainless steel bladder pumps were installed in each monitoring well in accordance with the SAP (SAIC 2005b). A stainless steel cable was used to tether wells deeper than 200 feet. Poly tubing was used for the bladder pump airline and Teflon® tubing was used for the discharge line. Pump intakes were set approximately 5 feet above the bottom of each well and pump intake depths are presented in Table 2.

2.7 Surveying

Prior to drilling, SAIC used an auto level and known elevations (surveyed wells) to determine the approximate surface elevation at each of the boring locations, which were used during drilling to convert depths below grade surface to elevations in feet amsl.

Following the completion of drilling activities, a State certified surveyor from AK Associates Professional Land Surveyors of Rockville Centre, NY determined the elevations and horizontal positions of the newly installed monitoring wells. All monitoring well locations were surveyed horizontally to the nearest 30 centimeters (1 foot) and tied into the State Plane System (NAD27). For all monitoring wells,

the elevation of the installed pump cap, top of the steel protective casing stick-up, and the concrete pad of the locations was measured to the nearest 3 millimeters (0.01 feet) relative to mean sea level (NGDV29).

EW-2D was installed with an at grade surface completion consistent with the previously existing monitoring wells at the EW-2 cluster. At the request of the golf course manager the concrete pad was not constructed at grade and the concrete around the well completion was maintained below grade so that grass could be planted right up to the metal ring of the surface completion. At EW-2D the surveyor determined the elevation of the installed pump cap, the metal ring of the surface completion and the adjacent ground surface. The surveyed locations of the new monitoring wells are shown on Figure 1, and on the Reference Map insert for Figure 4. The elevations of each monitoring well are included on Table 2.

3.0 STRATIGRAPHIC CROSS-SECTIONS

Stratigraphic cross-sections were constructed using the lithologic and construction logs from existing and newly installed rotary-sonic monitoring wells. Well logs for the existing rotary sonic wells were included in the April 2005 SAIC report entitled Well Completion Report for the Installation of Additional Monitoring Wells At the Claremont Polychemical Superfund Site (SAIC 2005c) and wells installed by Ebasco were included in a July 1990 Ebasco Remedial Investigation Report (Ebasco 1990). The crosssections extend generally in an east-west and north-south directions and are provided as Figures 2, 3, and 4. Included on the cross-sections are visual and numerical results from the discrete interval and well sampling results for TCE, PCE, 1,1,1-TCA and cis-1,2-DCE. The discrete interval sample results are from samples collected during the rotary sonic boring activities prior to well construction. The well sample results for wells EW-6A, and EW-6C are from the October 2005 site wide quarterly sampling event and sample results for EW-3A, EW-3B, EW-3C, EW-4A, EW-4B, EW-4C, MW-10B, MW-10C, and MW-10D are from the May 2006 site wide quarterly sampling event. The groundwater elevations from measurements collected during May 2006 are illustrated on the section. Lithologic data from wells not installed by SAIC included observations from split spoon samples that were reported to not always have good recoveries and were not collected continuously, but often on 5-foot intervals, therefore "thin" intervals of clay and silt observed during rotary sonic well installations may have been present at those locations, but not observed.

3.1 East –West Cross-section

The east-west cross-section is designated as A to A' and is included as Figure 2. Also included on the figure is a reference map that illustrates the surface trace of the cross-section. The wells included on the section and used to provide lithologic data and groundwater chemistry include EW-8D, EW-6C, EW-9D, EW-7D, EW-10C and EW-13D and are listed in order from west to east along the section. All of the wells used were not located on the surface trace and have been projected onto the cross-section. Groundwater chemistry from EW-6A was included to provide additional vertical groundwater chemistry data at the EW-6 well cluster location. EW-6A and EW-6C were not installed by SAIC. Numerous clay and silt units are visible on the section, but none of the units persist horizontally for the entire length of the section. A silt unit at approximately -140 feet amsl appears to possibly be continuous as observed in EW-7D, EW-10C and EW-13D. The wells in the western portion of the section did not extend deep enough to evaluate the presence of this unit.

TCE, PCE, 1,1,1-TCA and 1,1-DCE were all detected at numerous sampled intervals within the section.

The plume appears to be bounded on the western side, but the plume appears to not be bounded on the eastern side. The majority of the plume appears to be primarily composed of TCE and PCE with several discrete interval samples collected during the installation of MW-10C having concentrations of TCA and 1,1-DCE at concentrations higher than those seen elsewhere within the cross-section.

3.2 North –South Cross-Section

The north-south cross-section is designated B to B' and is included as Figure 3. A reference map that illustrates the surface trace of the cross-section is included on the figure. The wells included on the section and used to provide lithologic data and groundwater chemistry includes EW-7D, EW-4D and EW-2D and are listed in order from north to south along the section. Groundwater chemistry from monitoring wells EW-4A, EW-4B and EW-4C was included to provide additional vertical groundwater chemistry data at the EW-4 well cluster location. EW-4A, B and C wells were not installed by SAIC. Numerous clay and silt units are visible on the section, but none of the units persist horizontally for the entire length of the section, with the exception of a clay unit observed at or near the bottom depth of all three wells in the section.

TCE, PCE, 1,1,1-TCA and 1,1-DCE were all detected at numerous sampled intervals within the section. The plume appears to extend from upgradient of EW-7D to downgradient of EW-2D. The plume appears to be primarily composed of TCE and PCE at EW-7D and the EW-4 cluster. Several discrete interval groundwater samples collected during the installation of EW-2D had 1,1,1-TCA and 1,1-DCE at concentrations much higher than those seen elsewhere within the cross-section and the highest detected during the well installations completed with rotary sonic drilling techniques.

3.3 Northwest-Southeast Cross-Section

The C-C' cross-section generally trends from the northwest to the southeast and is included as Figure 4. A reference map that illustrates the surface trace of the cross-section is included on Figure 4. The wells and well clusters included on the section and used to provide lithologic data and groundwater chemistry includes EW-7, EW-4, MW-10, EW-3 and EW-14D and are listed in order from north to south along the section. Groundwater chemistry from existing monitoring wells was included to provide additional vertical groundwater chemistry data in addition to results from the discrete interval samples collected during the well installed with rotary sonic drilling techniques. Wells in clusters MW-10 and EW-3 were not installed by SAIC and the lithologic descriptions provided by others was based upon split spoon sampling that was not continuous and often had poor recoveries so reported thicknesses of lithologic units

may not be accurate and thin lithologic units may not be characterized.

TCE, PCE, 1,1,1-TCA and 1,1-DCE were all detected at numerous sampled intervals within the section. The plume appears to extend from upgradient of EW-7D to downgradient of EW-14D. In the area it appears that the wells at the MW-10 and EW-3 clusters may not vertically characterize the bottom of the plume. The plume appears to be primarily composed of TCE and PCE with slightly higher concentrations of 1,1,1-TCA and 1,1-DCE at select intervals sampled during the installation of EW-14D.

4.0 REFERENCES

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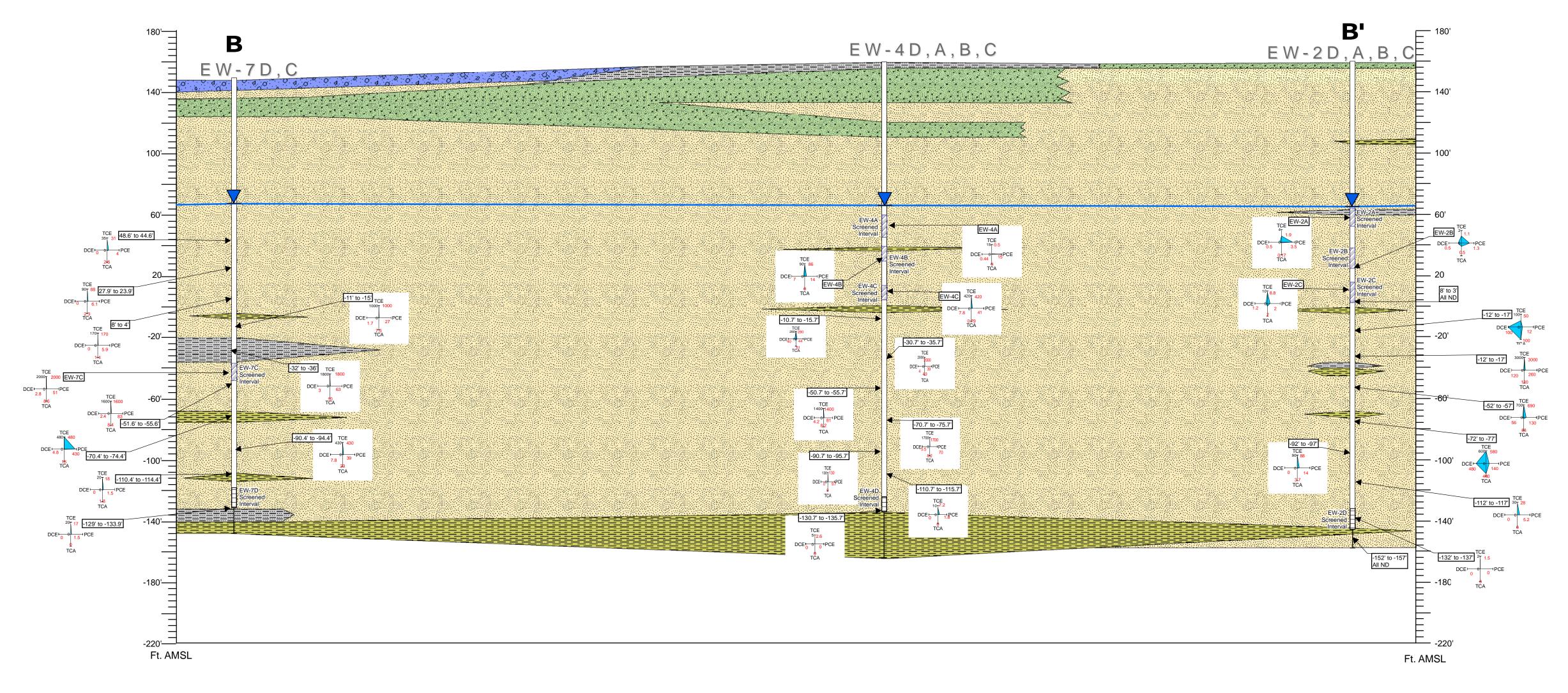
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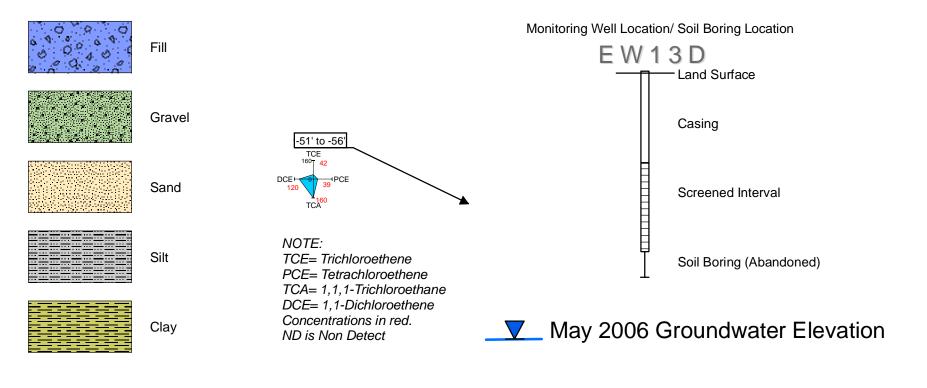
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FIGURES

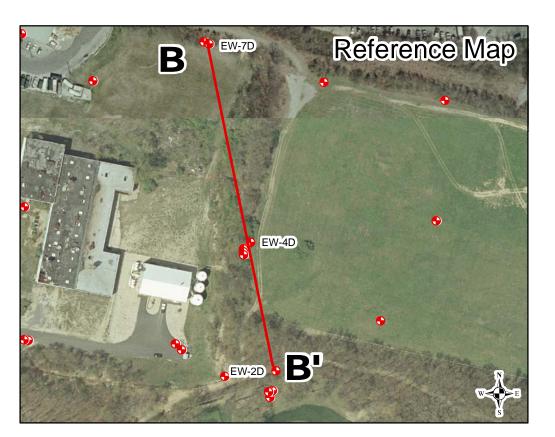


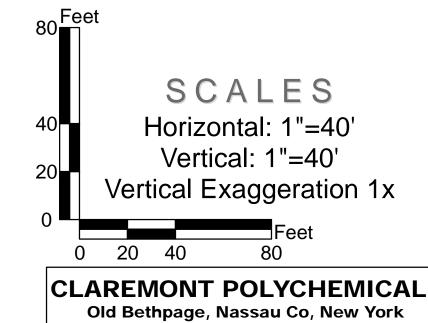
Legend



- 1.) Chemistry for EW-4A,B,C and EW-2A,B,C from 10/05
- sampling event.

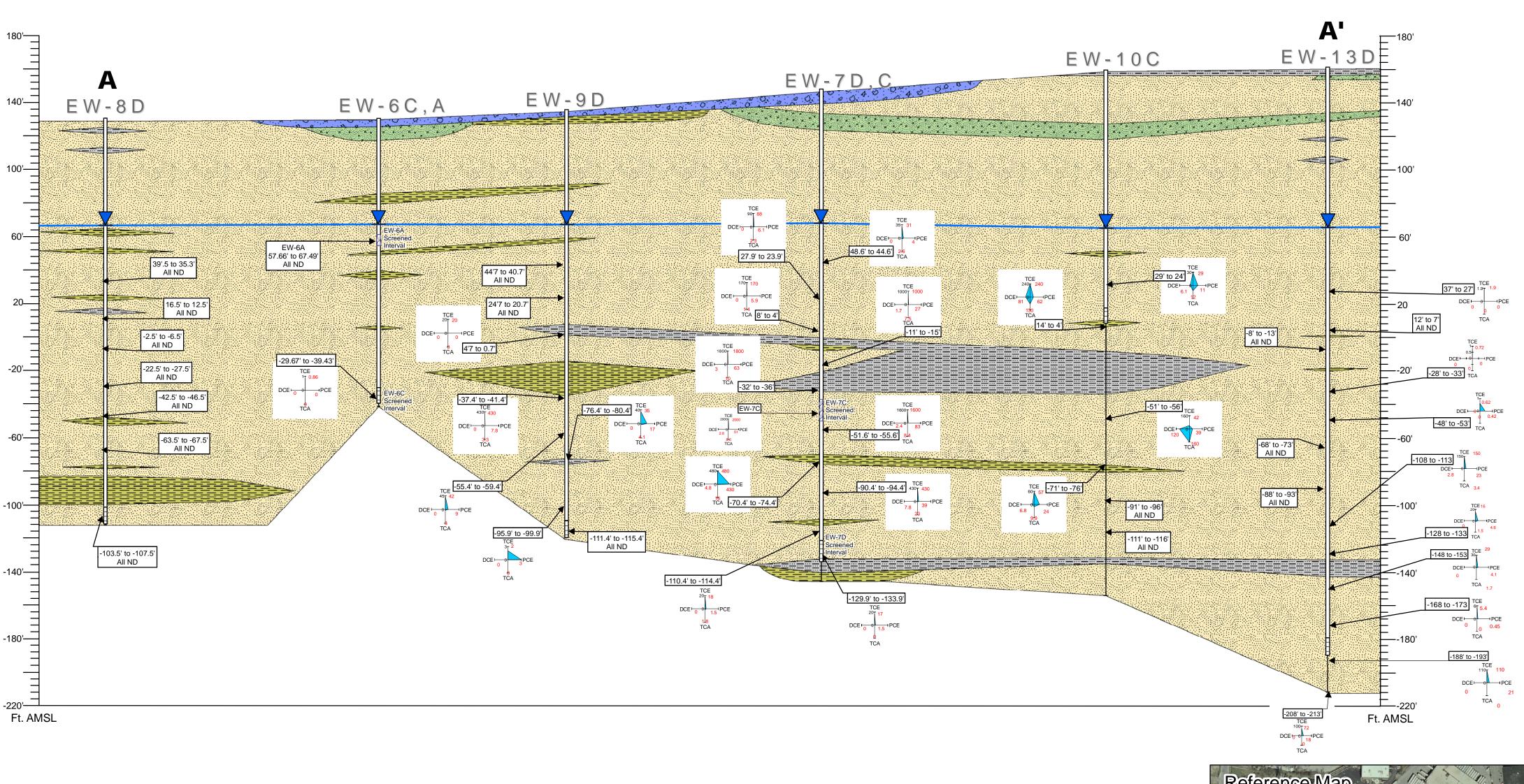
 2.) All other chemistry from discrete interval sampling during well drilling activities.
- 3.) Lithologic interpretations are based on drilling logs from SAIC and Ebasco Services, Inc. (Logs from EW-7D, EW-4D, and EW-2D were used in the lithologic interpretation.)
- 4.) Colors are used for diagrammatic purposes only.5.) Monitoring well widths are horizontally exaggerated for display purposes.

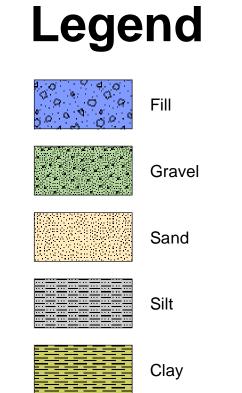


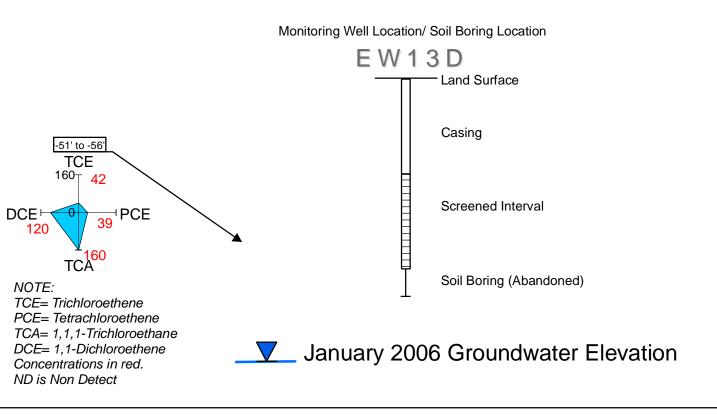


Stratigraphic Cross-Section B-B'

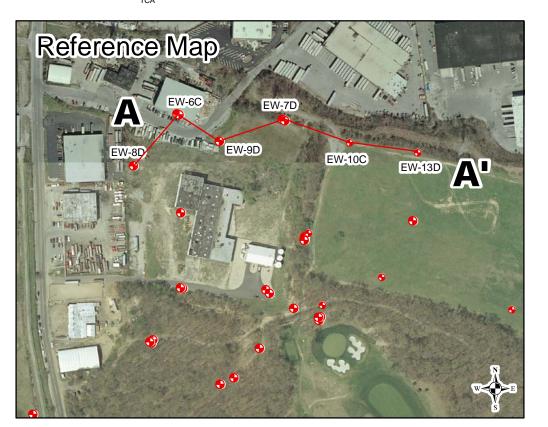
			Figure No.
5 A	Science	e Applications tional Corporation	. 3

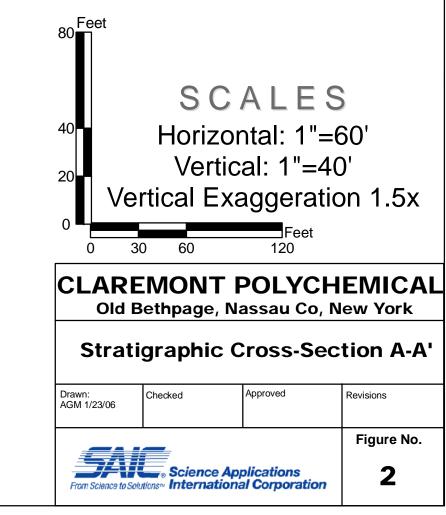


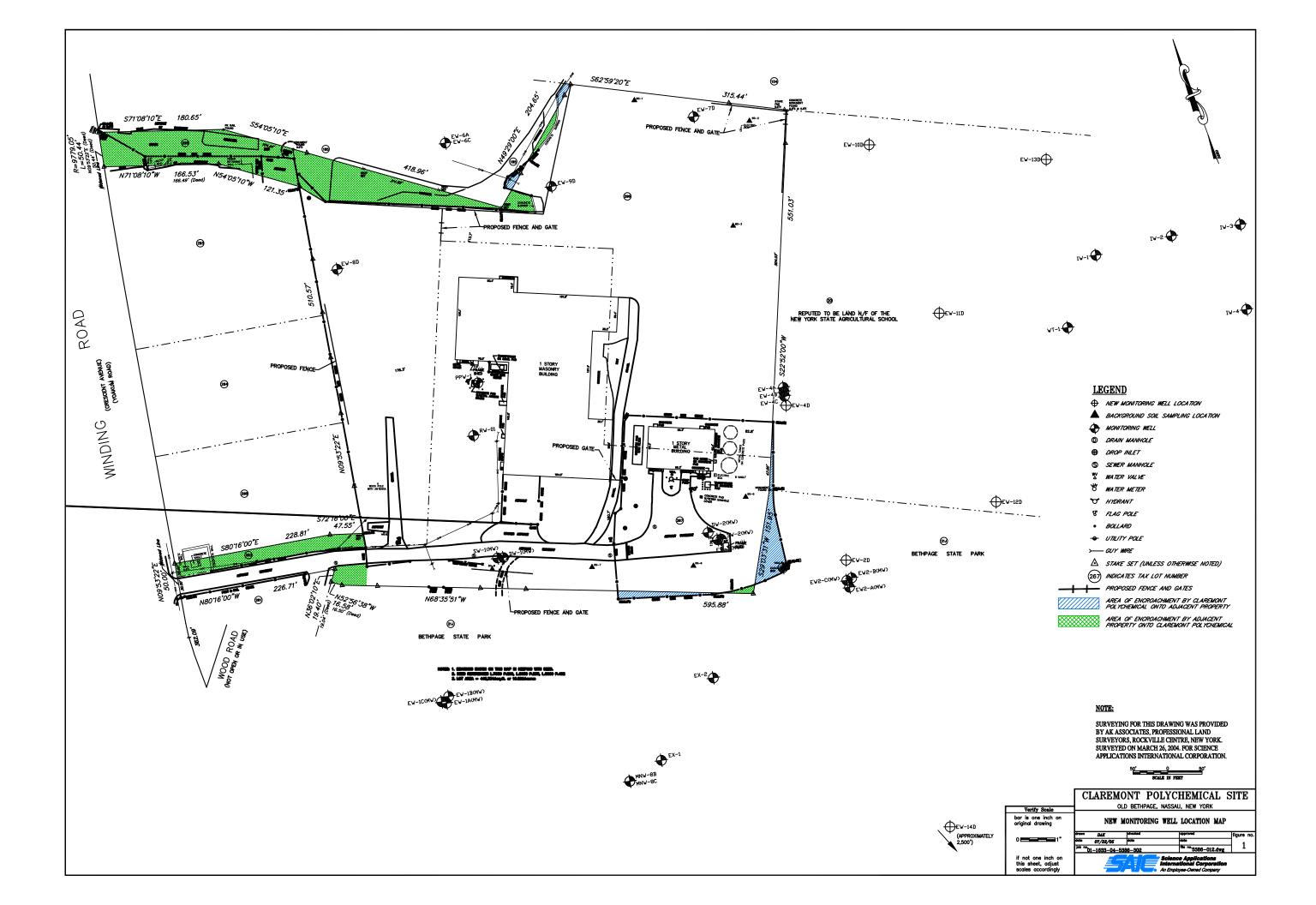


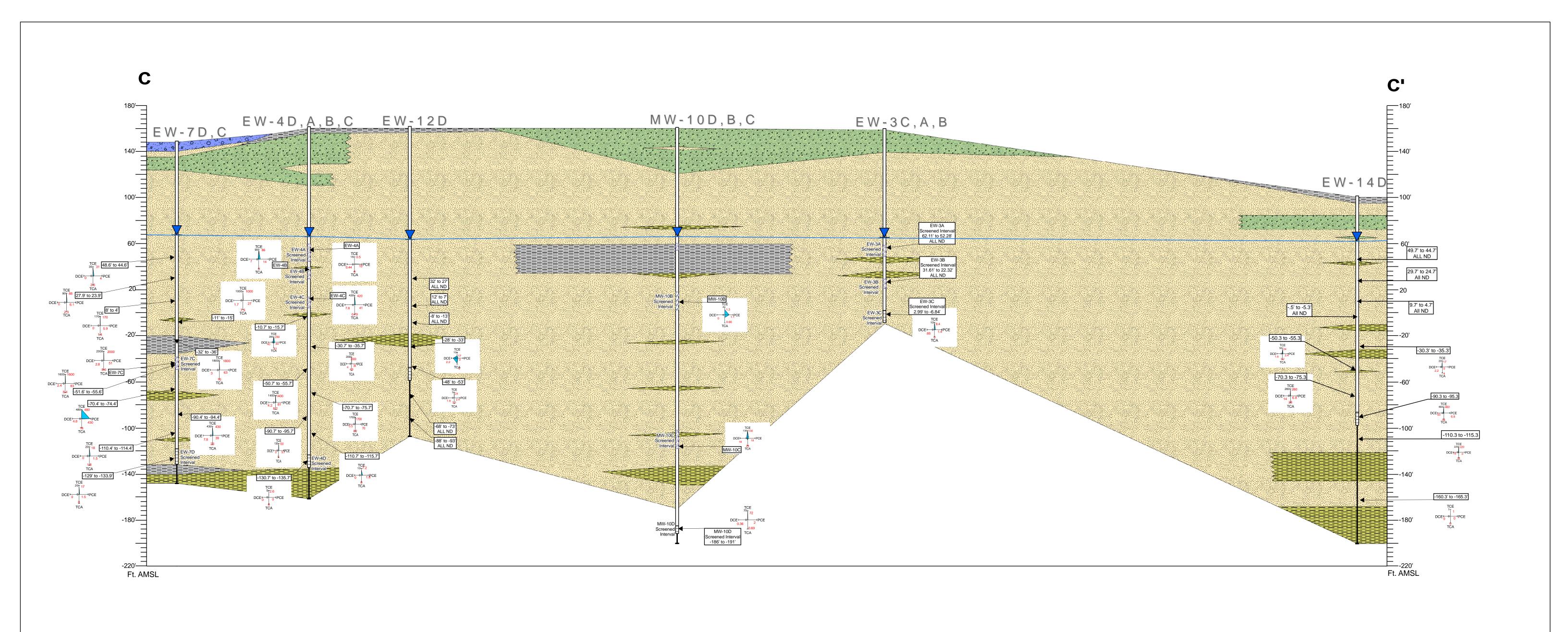


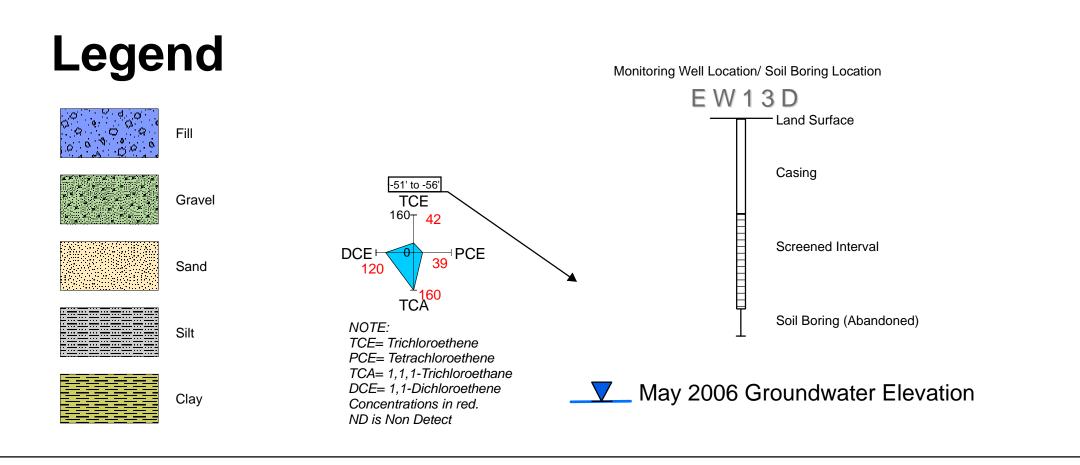
- 1.) Chemistry for EW-6C,A from 10-5-05 sampling event.2.) All other chemistry from discrete interval sampling during well
- drilling activities.
- 3.) Lithologic interpretations are based on drilling logs from SAIC and Ebasco Services, Inc. (Logs from EW-8D, EW-6C, EW-9D, EW-7D, EW-10C and EW-13D were used in the lithologic interpretation.)
- 4.) Colors are used for diagrammatic purposes only.5.) Monitoring well widths are horizontally exaggerated for display purposes.





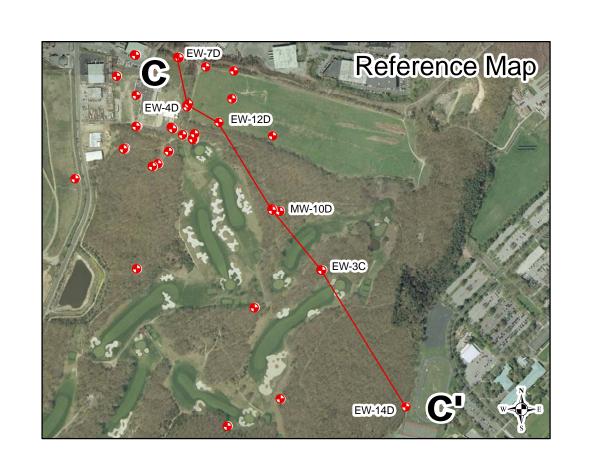


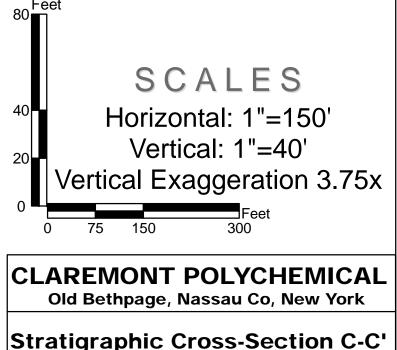




- 1.) Chemistry for EW-4A,B,C, EW-3C,B,A and MW-10D,C,B from 10/05 sampling event.

 2.) All other chemistry from discrete interval sampling during well
- drilling activities.
- 3.) Lithologic interpretations are based on drilling logs from SAIC Ebasco Services, Inc. and Geraghty & Miller, Inc. (Logs from EW-7D, EW-4D, EW-12D, MW-10D, EW-3C, and EW-14D were used in the lithologic interpretation.)
- 4.) Colors are used for diagrammatic purposes only.
- 5.) Monitoring well widths are horizontally exaggerated for display
- 6.) Lithologic interpretation for MW-10D is missing bottom 27' due to missing data from job file.





Drawn: AGM 7/14/06	Checked	Approved	Revisions
	Figure No.		
Science Applications From Science to Solutions International Corporation			1

TABLES

Table 1. Claremont Screening Levels Claremont Polychemcial Superfund Site

Level	Screened Interval (ft amsl)
1	75.10 to 44.86
2	42.35 through 22.32
3	20.62 to 2.99
4	-13.99 to -47.47
5	-91.00 to -131.47
6	-149.20 to -196.20

Source: USACE 2006

Table 2. Phase 1 and Phase 2 Well Construction Details **Claremont Polychemical Superfund Site**

									Elevat	Elevation (NGVD29) to							
Well ID	NYSDEC Well Number	Northing (NAD27)	Easting (NAD27)	Well Diameter (inches)	Depth of Screened Interval (ft bgs)	Elevation of Screened Interval (ft AMSL)	Depth to Pump (ft bgs)	Well Depth (ft bgs)	Concrete Pad	Steel Casing (ft AMSL)	Pump Cap (ft AMSL)						
EW-2D	N-13541	194009	2154637	2.5	291.1 to 301.1	-132.55 to -142.55	296	301.40	158.55	158.58	158.38						
EW-4D	N13563	194268	2154585	2.5	285 to 295	-125.26 to -135.26	290	295.30	159.74	162.24	161.91						
EW-10C	N-13542	194593	2154734	2.5	139.5 to 149.5	19.11 to 9.11	134.5	150.00	158.61	161.23	161.08						
EW-11D	S-125212	193993	2155316	2.5	270 to 280	-106.75 to -116.75	275	280.30	163.25	165.75	165.4						
EW-12D	N-13543	194110	2154849	2.5	209.5 to 219.5	-47.33 to -57.33	214.5	220.00	162.17	164.58	164.54						
EW-13D	N-13544	194557	2154979	2.5	340.0 to 350.0	-177.28 to -187.28	345	350.30	162.72	165.01	164.89						
EW-14D	S-124772	191632	2156477	2.5	185 to 195	-85.27 to -95.27	190	195.50	99.73	102.25	102.16						

				1	Elevation (NGVE)29) at			
Well ID	Top of Upper Fine Sand	Top of Bentonite Seal	Top of Lower Fine Sand	Top of Filter Pack	Top of End Cap	Bottom of End Cap	Top of Fine Sand Above Abandoned Borehole	Top of Abandoned Borehole	Bottom of Borehole
EW-2D	-119.45	-120.45	-127.45	-129.45	-142.55	-142.85	-143.45	-144.45	-156.45
EW-4D	-118.26	-119.26	-122.26	-123.26	-135.26	-135.56	-136.26	-137.26	-165.26
EW-10C	27.11	26.11	22.11	21.11	9.11	8.61	7.61	6.61	-156.39
EW-11D	-98.75	-99.75	-102.75	-103.75	-116.75	-117.05	-117.75	-118.75	-131.75
EW-12D	-35.83	-36.83	-43.33	-44.83	-57.33	-57.83	-58.83	-59.83	-112.83
EW-13D	-163.28	-164.28	-173.78	-175.28	-187.28	-187.58	-188.28	-189.28	-212.28
EW-14D	-78.27	-79.27	-82.27	-83.27	-95.27	-95.77	-96.27	-97.27	-200.27

Well	Top of Upper Fine Sand (ft bgs)	Top of Bentonite Seal (ft bgs)	Top of Lower Fine Sand (ft bgs)	Top of Filter Pack (ft bgs)	Top of Screen (ft bgs)	Top Of End Cap (ft bgs)	Bottom of End Cap (ft bgs)	Top of Fine Sand Above Abandoned Borehole (ft bgs)	Top of Abandoned Borehole (ft bgs)	Bottom of Borehole (ft bgs)
EW-2D	278	279	286	288	291.1	301.1	301.4	302	303	315
EW-4D	278	279	282	283	285	295	295.3	296	297	325
EW-10C	131.5	132.5	136.5	137.5	139.5	149.5	150	151	152	315
EW-11D	262	263	266	267	270	280	280.3	281	282	295
EW-12D	198	199	205.5	207	209.5	219.5	220	221	222	275
EW-13D	326	327	336.5	338	340	350	350.3	351	352	375
EW-14D	178	179	182	183	185	195	195.5	196	197	300

No concrete pad was installed at EW-2D due to the golfcourse request and constructions of existing wells at the EW-2 well cluster.

The reported concrete pad elevation for EW-2D is the ground surface elevation at the driveover surface completion. NYSDEC - New York State Department of Environmental Conservation

ft bgs - feet below ground surface

ft AMSL - feet above mean sea level

Table 3. EW-2D Groundwater Sampling Laboratory Analytical Results
Claremont Polychemical Superfund Site

Sample ID:		EW2D/155/3		EW2D/175/-17		EW2D/195/-37		EW2D/215/-57		EW2D/235/-77		EW2D/255/-97		EW2D/275/-117		EW2D/295/-137		EW2D/315/-157
Screen Interval Depth	(ft bgs)	150 to 155		170 to 175		190 to 195		210 to 215		230 to 235		250 to 255		270 to 275		290 to 295		310 to 315
Screen Interval Elevation	(ft amsl)	8 to 3		-12 to -17		-32 to -37	T	-52 to -57	Ħ	-72 to -77	Ħ	-92 to -97	11	-112 to -117		-132 to -137		-152 to -157
Laboratory ID:	` ′	0601050-01		0601053-01		0601057-01		0601058-01		0601058-02		0601058-03		0601059-01		0601059-02		0601059-04
Sampling Date:		01/06/2006		01/06/2006		01/06/2006		1/7/2006		1/7/2006		1/7/2006		1/7/2006		01/08/2006		01/08/2006
Analyte:	Units:		Q		Q		Q		Q		Q		Q		Q		Q	Q
1,1,1,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
1,1,1-Trichloroethane	ppb	1.0	U	100		120		63		480		3.7		1.0	U	1.0	U	1.0 U
1,1,2,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1,2-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1-Dichloroethane	ppb	1.0	U	8.9		10		6.7		49		1.0	U	1.0	U	1.0	U	1.0 L
1,1-Dichloroethene	ppb	1.0	U	100		120		56		480		1.0	U	1.0	U	1.0	U	1.0 L
1,2-Dibromoethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,2-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,2-Dichloropropane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
2-Butanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
2-Hexanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
4-Methyl-2-pentanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Acetone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Acrylonitrile	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Benzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromochloromethane	ppb	1.0	U	1.0	С	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromodichloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromoform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromomethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Carbon disulfide	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Carbon tetrachloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	51		1.0	U	1.0	U	1.0	U	1.0 L
Chlorobenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chloroform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
cis-1,2-Dichloroethene	ppb	1.0	U	9.8		96		48		63		4.2		1.0	U	1.0	U	1.0 L
cis-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Dibromochloromethane	ppb	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Ethylbenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
m,p-Xylene	ppb	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0 L
Methyl tert-butyl ether	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Methylene chloride	ppb	1.0	U	9.2	В	8.6	В	17	В	13	В	14	В	1.0	U	1.0	U	1.0 L
o-Xylene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Styrene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Tetrachloroethene	ppb	1.0	U	12		260		130		140		14		5.2		1.0	U	1.0 L
Toluene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
trans-1,2-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
trans-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Trichloroethene	ppb	1.0	U	50		3,000		690		580		88		28		1.5		1.0 L
Vinyl chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L

Surface Elevation (ft amsl) = ~158 ppb - parts per billion

ft bgs - feet below ground surface ft amsl - feet below mean sea level

Bold denotes concentration greater than the detection limit

Table 4. EW-4D Groundwater Sampling Laboratory Analytical Results
Claremont Polychemical Superfund Site

Client Sample ID:		EW4D/175/-15.7		EW4D/195/-35.7		EW4D/215/-55.7		CPC-01-EW4D*		EW4D/235/-75.7		EW4D/255/-95.7		EW4D/275/-115.7		EW4D/295/-135.7
Screen Interval Depth	(ft bgs)	170 to 175		190 to 195		210 to 215		210 to 215		230 to 235		250 to 255		270 to 275		290 to 295
Screen Interval Elev	(ft amsl)	-10.7 to -15.7		-30.7 to -35.7		-50.7 to -55.7		-50.7 to -55.7		-70.7 to -75.7		-90.7 to -95.7		-110.7 to -115.7		-130.7 to -135.7
Laboratory ID:		0605082-01		0605085-01		0605088-01		0605088-02		0605089-01		0605090-01		0605101-01		0605108-01
Sampling Date:		05/09/2006		05/09/2006		05/09/2006		05/09/2006		05/09/2006		05/10/2006		05/10/2006		05/10/2006
Analyte:	Units:		Q				Q		Q		Q		Q		Q	Q
1,1,1,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1,1-Trichloroethane	ppb	61		4.9		8.2		9.8		8.2		1.0	U		U	1.0 L
1,1,2,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1,2-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1-Dichloroethane	ppb	15		3.7		3.9		5.4		1.0	U	1.0	U	1.0	U	1.0 L
1,1-Dichloroethene	ppb	40		4.0		4.2		4.3		5.5		1.0	U	1.0	U	1.0 L
1,2-Dibromoethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,2-Dichloroethane	ppb	1.0	U	2.3		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,2-Dichloropropane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
2-Butanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
2-Hexanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
4-Methyl-2-pentanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	C	1.0	U	1.0 L
Acetone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0 L
Acrylonitrile	ppb	1.0	U	1.0	U	1.0	U		U	1.0	J	1.0	C	1.0	U	1.0 L
Benzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromochloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromodichloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	C	1.0	U	1.0 L
Bromoform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromomethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Carbon disulfide	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Carbon tetrachloride	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 L
Chlorobenzene	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 L
Chloroethane	ppb	1.0	U	1.0	U	1.0	С	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chloroform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
cis-1,2-Dichloroethene	ppb	16		24		27		30		45		2.5		1.0	U	1.0 L
cis-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Dibromochloromethane	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 L
Dichlorodifluoromethane	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 L
Ethylbenzene	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 L
m,p-Xylene	ppb	2.0	U	2.0	U	2.0	U		U	2.0	U	2.0	U	2.0	U	2.0 L
Methyl tert-butyl ether	ppb	1.5		1.0	U	1.0	С	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Methylene chloride	ppb	10	В	11	В	6.7	В	14	В	9.8	В	8.0	В		В	1.0 L
o-Xylene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Styrene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Tetrachloroethene	ppb	44		39	Ш	81		40		70		9.7		1.8		1.0 L
Toluene	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 L
trans-1,2-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	110	U	1.0	U	1.0	U	1.0	U	1.0 L
trans-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Trichloroethene	ppb	280	\sqcup	2,000	\perp	1,400		1,300	\sqcup	1,700	_	130		7.2	Ļ	2.6
Vinyl chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L

Surface Elevation (ft amsl) = ~159.3 ppb - parts per billion

Bold denotes concentration greater than the detection limit

ft bgs - feet below ground surface ft amsl - feet below mean sea level *Blind duplicate of EW4D/215/-55.7

Table 5. EW-10C Groundwater Sampling Laboratory Analytical Results
Claremont Polychemical Superfund Site

Sample ID:		EW10D/135/24		EW10D/155/4		CPC-01-EW10D*		EW10D/215/-56		EW10D/235/-76		EW10D/255/-96		EW10D/275/-116
Screen Interval Depth	(ft bgs)	130 to 135		145 to 155		145 to 155		210 to 215		230 to 235		250 to 255		270 to 275
Screen Interval Elevation	(ft amsl)	29 to 24		14 to 4		14 to 4		-51 to -56		-71 to -76		-91 to -96		-111 to -116
Laboratory ID:	,	0512158-01		0512163-01		0512163-02		0512170-01		0512185-01		0512198-01		0512199-01
Sampling Date:		12/15/2005		12/15/2005		12/15/2005		12/15/2005		12/16/2005		12/17/2005		12/17/2005
Analyte:	Units:		Q		Q		Q		Q		Q		Q	Q
1,1,1,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1,1-Trichloroethane	ppb	12		130		130		160		9.9		1.0	U	1.0 L
1,1,2,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1,2-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1-Dichloroethane	ppb	1.3		13		12		18		6.4		1.0	U	1.0 L
1,1-Dichloroethene	dqq	6.1		81		82		120		6.8		1.0	U	1.0 L
1.2-Dibromoethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1.2-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,2-Dichloropropane	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0 L
2-Butanone	ppb	1.0	Ū	1.0	Ū	1.0	Ü	1.0	Ū		Ū	1.0	Ū	1.0 L
2-Hexanone	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū		Ū	1.0	Ū	1.0 L
4-Methyl-2-pentanone	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū		Ū	1.0	Ū	1.0 L
Acetone	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	U		Ū	1.0	Ū	1.0 L
Acrylonitrile	ppb	1.0	Ü	1.0	Ü	1.0	Ū	1.0	Ū		Ü	1.0	Ū	1.0 L
Benzene	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	U		Ū	1.0	Ū	1.0 L
Bromochloromethane	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū		Ū	1.0	Ū	1.0 L
Bromodichloromethane	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	U		Ū	1.0	Ū	1.0 L
Bromoform	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	U		Ü	1.0	Ū	1.0 L
Bromomethane	ppb	1.0	Ü	1.0	Ü	1.0	U	1.0	U		Ü	1.0	Ü	1.0 U
Carbon disulfide	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	U		Ü	1.0	Ū	1.0 L
Carbon tetrachloride	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū		Ū	1.0	Ū	1.0 L
Chlorobenzene	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0 L
Chloroethane	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū		Ū	1.0	Ū	1.0 L
Chloroform	ppb	1.0	Ü	1.0	Ü	1.0	Ū	1.0	Ü		Ū	1.0	Ū	1.0 L
Chloromethane	ppb	1.0	Ū	1.0	Ū	1.0	Ū	1.0	U	1.0	Ū	1.0	U	1.0 L
cis-1,2-Dichloroethene	ppb	34		89		88		12		6.6		1.0	Ū	1.0 L
cis-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Dibromochloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Ethylbenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
m,p-Xylene	ppb	2.0	U	2.0	U	2.0	U	2.0	U	1.6	J	2.0	U	2.0 L
Methyl tert-butyl ether	ppb	3.0		5.8		5.5		1.0	U		Ū	1.0	Ū	1.0 L
Methylene chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0 L
o-Xylene	ppb	1.0	Ū	1.0	Ū	1.0	Ü	1.0	Ū		Ū	1.0	Ū	1.0 L
Styrene	ppb	1.0	Ü	1.0	Ü	1.0	U	1.0	Ü		U	1.0	Ü	1.0 L
Tetrachloroethene	ppb	11	Ħ	62	1	60	Ħ	39	Ť	24	Ħ	1.0	Ū	1.0 L
Toluene	ppb	1.9	t	1.0	U	1.0	U	1.0	U		\dagger	1.0	Ū	1.0 L
trans-1.2-Dichloroethene	ppb	1.0	U	1.0	Ū	1.0	Ū	1.0	Ū		U	1.0	Ū	1.0 L
trans-1,3-Dichloropropene	ppb	1.0	U	1.0	Ü	1.0	U	1.0	Ü		U	1.0	Ū	1.0
Trichloroethene	ppb	29	-	240	Ť	240	Ť	42	Ť	57	Ť	1.0	Ü	1.0 L
Vinyl chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	IJ	• • • • • • • • • • • • • • • • • • • •	IJ	1.0	IJ	1.0

Surface Elevation (ft amsl) = 159.05 ppb - parts per billion **Bold** denotes concentration greater than the detection limit ft bgs - feet below ground surface

^{*} CPC-01-EW10D is a blind duplicate of EW10D/155/4

Table 6. EW-11D Groundwater Sampling Laboratory Analytical Results
Claremont Polychemical Superfund Site

Client Sample ID:		EW11D/155/5		EW11D/175/-15		EW11D/190/-30	T	EW11D/205/-45		EW11D/235/-75		EW11D/255/-95		EW11D/275/-115		EW11D/295/-135
Screen Interval Depth	(ft bgs)	150 to 155		170 to 175		185 to 190		200 to 205		230 to 235		250 to 255		270 to 275		290 to 295
Screen Interval Elev	(ft amsl)	10 to 5		-10 to -15		-25 to -30		-40 to -45		-70 to -75		-90 to -95		-110 to -115		-130 to -135
Laboratory ID:		0605168-01		0605170-01		0605175-01		0605182-01		0605185-01		0605190-01		0605191-01		0605202-01
Sampling Date:		05/17/2006		05/17/2006		05/17/2006		05/17/2006		05/18/2006		05/18/2006		05/18/2006		05/19/2006
Analyte:	Units:		Q		Q		Q		Q		Q		Q		Q	C
1,1,1,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
1,1,1-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
1,1,2,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
1,1,2-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
1,1-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
1,1-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.2		1.0	U	1.0	U	1.0	U	1.0 l
1,2-Dibromoethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
1,2-Dichloroethane	ppb	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
1,2-Dichloropropane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
2-Butanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
2-Hexanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
4-Methyl-2-pentanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Acetone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Acrylonitrile	ppb	1.0	U		U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 l
Benzene	ppb	1.0	U	-	U	1.0	U	1.0 l								
Bromochloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Bromodichloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Bromoform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Bromomethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Carbon disulfide	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Carbon tetrachloride	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 l
Chlorobenzene	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 l
Chloroethane	ppb	1.0	U		U	1.0	U	1.0 l								
Chloroform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Chloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
cis-1,2-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	29		6.9		1.0	U	1.0	U	1.0 l
cis-1,3-Dichloropropene	ppb	1.0	U	-	U	1.0	U	1.0 l								
Dibromochloromethane	ppb	1.0	U		U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 l
Dichlorodifluoromethane	ppb	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 l
Ethylbenzene	ppb	1.0	U		U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 l
m,p-Xylene	ppb	2.0	U		U	2.0	U	2.0 l								
Methyl tert-butyl ether	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Methylene chloride	ppb	11	В		В	11	В	9.5	В	11	В	13	В	13	В	16 E
o-Xylene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Styrene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l
Tetrachloroethene	ppb	1.0	U	1.0	U	1.0	U	16		6.8		1.0	U	1.0	U	1.8
Toluene	ppb	1.0	U		U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 l
trans-1,2-Dichloroethene	ppb	1.0	U		U	1.0	U		U	1.0	U	1.0	U	1.0	U	1.0 l
,	ppb	1.0	U		U	1.0	U	1.0 l								
Trichloroethene	ppb	1.0	U		U	1.0	U	150		51		1.0	U	1.0	U	4.6
Vinyl chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l

Surface Elevation (ft amsl) = ~160

ppb - parts per billion

Bold denotes concentration greater than the detection limit

ft bgs - feet below ground surface ft amsl - feet below mean sea level

Table 7. EW-12D Groundwater Sampling Laboratory Analytical Results
Claremont Polychemical Superfund Site

Sample ID:		EW12D/135/27		EW12D/155/7		EW12D/175/-13		EW12D/195/-33		EW12D/215/-43*		EW12D/235/-68**		EW12D/255/-93
Screen Interval Depth	(ft bgs)	130 to 135		150 to 155		170 to 175		190 to 195		210 to 215		230 to 235		250 to 255
Screen Interval Elevation	(ft amsl)	32 to 27		12 to 7		-8 to -13		-28 to -33		-48 to -53		-68 to -73		-88 to -93
Laboratory ID:		0512217-01		0512217-02		0512222-01		0512224-01		0601005-01		0601008-01		0601010-01
Sampling Date:		12/19/2005		12/20/2005		12/20/2005		12/20/2005		01/03/2006		01/03/2006		01/03/2006
Analyte:	Units:													
1,1,1,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1,1-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	8.5		1.0	U	1.0	U	1.0 L
1,1,2,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1,2-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,1-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	6.9		1.0	U	1.0	U	1.0 L
1,2-Dibromoethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,2-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
1,2-Dichloropropane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
2-Butanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
2-Hexanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
4-Methyl-2-pentanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Acetone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Acrylonitrile	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Benzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromochloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromodichloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromoform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Bromomethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Carbon disulfide	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Carbon tetrachloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chlorobenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chloroform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Chloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
cis-1,2-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
cis-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Dibromochloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Ethylbenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
m,p-Xylene	ppb	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0 L
Methyl tert-butyl ether	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Methylene chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	7.3	В	3.0 E
o-Xylene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Styrene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Tetrachloroethene	ppb	1.0	U	1.0	U	1.0	U	1.2		1.0	U	1.0	U	1.0 L
Toluene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
trans-1,2-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
trans-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L
Trichloroethene	ppb	1.0	U	1.0	U	1.0	U	4.2		4.0		1.0	U	1.0 L
Vinyl chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 L

Surface Elevation (ft amsl) = 162.02

ppb - parts per billion

Bold denotes concentration greater than the detection limit ft bgs - feet below ground surface

^{*}Sample mislabeled. Should have been EW12D/215/-53

^{**}Sample mislabeled. Should have been EW12D/235/-73

Table 8. EW-13D Groundwater Sampling Laboratory Analytical Results Claremont Polychemical Superfund Site

11.1.7.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Sample ID:		EW13D/135/27		EW13D/155/7		EW13D/175/-13		EW13D/195/-33		EW13D/215/-53		EW13D/235/-73		EW13D/255/-93		EW13D/275/-113
Eaboratory ID:	Screen Interval Depth	(ft bgs)					170 to 175										
Samping Date: Units: Uni	Screen Interval Elevation	(ft amsl)	37 to 27		12 to 7		-8 to -13		-28 to -33		-48 to -53		-68 to -73		-88 to -93		-108 to -113
Analyte:	Laboratory ID:		0601090-01		0601091-01		0601102-01		0601112-01		0601114-01		0601118-01		0601129-01		0601135-01
11.1.7.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Sampling Date:		1/10/2006		1/11/2006		1/11/2006		1/11/2006		1/11/2006		01/12/2006		1/12/2006		1/12/2006
11.1-Trichloroethane	Analyte:	Units:		Ø		Q		Q				Q				Q	Q
1.1.2.2-friendinorethane	1,1,1,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
11.2Erichioroethane	1,1,1-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	3.4
1-1-Dichloroenteme	1,1,2,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
1.1-Dichroordene	1,1,2-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
12-Distromentance	1,1-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
1.2-Dichloropropane	1,1-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.8
12-Dichloropropane	1,2-Dibromoethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
2-Butanone	1,2-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
2-Hexanone	1,2-Dichloropropane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
A-Methyl-2-pentanone	2-Butanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Accylonating Deb 1.0	2-Hexanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Acetone	4-Methyl-2-pentanone		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		U	1.0 U
Benzene Dpb 1.0 U 1.0 U			1.0	Ü	1.0	Ū		U	1.0	Ü		U	1.0	U		Ü	
Erromochloromethane	Acrylonitrile	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Erromochloromethane	Benzene	daa	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Bromodichloromethane						Ū		U				Ū				Ū	
Bromoferm				Ū		Ū		Ū				Ü				Ū	
Bromorethane				Ū		Ū		U		Ū		Ū		Ū		Ū	
Carbon disulfide	Bromomethane		1.0	Ū	1.0	Ū		U	1.0	Ū		Ū		Ū		Ū	1.0 U
Carbon tetrachloride ppb 1.0 U 1.0<			1.0	Ū	1.0	Ū	1.0	U	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0 U
Chlorobenzene	Carbon tetrachloride		1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0 U
Chloroethane	Chlorobenzene		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Chloromethane			1.0	U	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	U	1.0 U
Chloromethane				Ū	1.0	Ū		U	1.0	Ū		Ū		Ū		Ū	1.0 U
Cis-1,3-Dichloropropene Deb De	Chloromethane		1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0	Ū	1.0 U
cis-1,3-Dichloropropene ppb 1.0 U 1	cis-1.2-Dichloroethene	daa	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	7.5
Dibromochloromethane ppb 1.0 U 1.0	cis-1.3-Dichloropropene	daa	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Ethylbenzene ppb 1.0 U 2.0 U 1.0			1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Methyl tert-butyl ether ppb 2.0 U 2.					1.0	Ū		Ū	1.0	Ū		Ū		Ū		Ū	1.0 U
Methylene chloride ppb 1.0 U 1.0 <td>m,p-Xylene</td> <td></td> <td>2.0</td> <td>U</td> <td>2.0 U</td>	m,p-Xylene		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0 U
Methylene chloride ppb 1.0 U 1.0 <td>Methyl tert-butyl ether</td> <td></td> <td>1.0</td> <td></td> <td>1.0</td> <td>Ū</td> <td>1.0</td> <td>U</td> <td>1.0</td> <td>Ū</td> <td></td> <td>Ū</td> <td></td> <td>Ū</td> <td>1.0</td> <td>Ū</td> <td>1.0 U</td>	Methyl tert-butyl ether		1.0		1.0	Ū	1.0	U	1.0	Ū		Ū		Ū	1.0	Ū	1.0 U
o-Xylene ppb 1.0 U 1.0	• •		1.0	Ū	1.0	Ū	1.0	Ü	1.0	Ū	1.0	Ü	1.0	Ū		Ū	10
Styrene						_		_				Ü		_		Ü	
Tetrachloroethene ppb 1.0 U 1.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Ū</td> <td></td> <td></td> <td></td> <td>_</td> <td></td>						_						Ū				_	
Toluene ppb 1.0 U 1.0				Ū		Ū		Ū				J		Ū		Ū	
trans-1,2-Dichloroethene ppb 1.0 U						_		U				Ū		_		Ū	
trans-1,3-Dichloropropene ppb 1.0 U 1.0 U <th< td=""><td></td><td></td><td></td><td></td><td></td><td>U</td><td></td><td>U</td><td></td><td></td><td></td><td>Ü</td><td></td><td></td><td></td><td>Ü</td><td></td></th<>						U		U				Ü				Ü	
Trichloroethene ppb 1.9 1.0 U 1.0 U 0.72 J 0.62 J 1.0 U 1.50								_				Ü				Ü	
				H		_		_		_		Ĭ.		_		ü	
Vinvl chloride ppb 1.0 U 1.0	Vinyl chloride	ppb	1.0	U	1.0	_		IJ	1.0	U	1.0	III	1.0	U	1.0	IJ	

Surface Elevation (ft amsl) = ~162 ppb - parts per billion

Bold denotes concentration greater than the detection limit ft bgs - feet below ground surface

Table 8. EW-13D Groundwater Sampling Laboratory Analytical Results Claremont Polychemical Superfund Site

Sample ID:		EW13D/295/-133		EW13D/315/-153		EW13D/335/-173		EW13D/355/-193		EW13D/375/-213	П
Screen Interval Depth	(ft bgs)	290 to 295		310 to 315		330 to 335		350 to 355		370 to 375	
Screen Interval Elevation	(ft amsl)	-128 to -133		-148 to -153		-168 to -173		-188 to -193		-208 to -213	
Laboratory ID:		0601142-01		0601148-01		0601156-01		0601160-01		0601163-01	
Sampling Date:		1/12/2006		1/13/2006		1/13/2006		1/13/2006		1/14/2006	
Analyte:	Units:		Q		Q		Q		Q		Q
1,1,1,2-Tetrachloroethane	ppb	1.0	U								
1,1,1-Trichloroethane	ppb	1.5		1.7		1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	ppb	1.0	U								
1,1,2-Trichloroethane	ppb	1.0	U								
1,1-Dichloroethane	ppb	1.0	U	1.5		1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	ppb	1.0	U								
1,2-Dibromoethane	ppb	1.0	U								
1,2-Dichloroethane	ppb	1.0	U								
1,2-Dichloropropane	ppb	1.0	U								
2-Butanone	ppb	1.0	U								
2-Hexanone	ppb	1.0	U								
4-Methyl-2-pentanone	ppb	1.0	U								
Acetone	ppb	1.0	U								
Acrylonitrile	ppb	1.0	U								
Benzene	ppb	1.0	U								
Bromochloromethane	dqq	1.0	U								
Bromodichloromethane	ppb	1.0	U								
Bromoform	ppb	1.0	U								
Bromomethane	ppb	1.0	U								
Carbon disulfide	ppb	1.0	U								
Carbon tetrachloride	ppb	1.0	U								
Chlorobenzene	ppb	1.0	U								
Chloroethane	ppb	1.0	U								
Chloroform	ppb	1.0	U								
Chloromethane	ppb	1.0	U								
cis-1,2-Dichloroethene	ppb	1.0	U								
cis-1,3-Dichloropropene	ppb	1.0	U								
Dibromochloromethane	ppb	1.0	U								
Ethylbenzene	ppb	1.0	U								
m,p-Xylene	ppb	2.0	U		U	2.0	U	2.0	U	2.0	U
Methyl tert-butyl ether	ppb	1.0	U								
Methylene chloride	ppb	1.0	U								
o-Xylene	ppb	1.0	U		U	1.0	U		U		U
Styrene	ppb	1.0	U	1.0	U	1.0	U	1.0	С	1.0	U
Tetrachloroethene	ppb	4.6		4.1		0.45	J	21		18	
Toluene	ppb	1.0	U		U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	ppb	1.0	U		U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	ppb	1.0	U		U	1.0	U		U	1.0	U
Trichloroethene	ppb	16		29		5.4		110		72	
Vinyl chloride	ppb	1.0	U								

Surface Elevation (ft amsl) = ~162 ppb - parts per billion

Bold denotes concentration greater than the detection limit ft bgs - feet below ground surface

Table 8a. EW-13D Groundwater Sampling Dissolved Gases Laboratory Analytical Results
Claremont Polychemical Superfund Site

Sample ID:		EW13D/255/-93	
Screen Interval Depth	(ft bgs)	250 to 255	
Screen Interval Elevation	(ft amsl)	-88 to -93	
Laboratory ID:		0601129-01	
Sampling Date:		1/12/2006	
Analyte:	Units:		Q
Methane, Dissolved	ppmv	0.0050	U
Carbon Monoxide, Dissolved	ppmv	0.10	U
Carbon Dioxide, Dissolved	ppmv	2,240	
Oxygen, Dissolved	ppmv	7.87	

Surface Elevation (ft amsl) = ~162

ppbv - parts per billion volumet

Bold denotes concentration greater than the detection limit

ft bgs - feet below ground surface

Table 9. EW-14D Groundwater Sampling Laboratory Analytical Results Claremont Polychemical Superfund Site

Client Sample ID:		EW14D/55/44.7		EW14D/75/24.7		EW14D/95/4.7		EW14D/105/-10.3		EW14D/135/-35.3		EW14D/155/-55.3		EW14D/175/-75.3		EW14D/195/-95.3		EW14D/215/-115.3	E	W14D/265/-165.3
Screen Interval Depth	(ft bgs)	50 to 55		70 to 75		90 to 95		100 to 105		130 to 135		150 to 155		170 to 175		190 to 195		200 to 215		260 to 265
Screen Interval Elev	(ft amsl)	49.7 to 44.7		29.7 to 24.7		9.7 to 4.7		-0.5 to -5.3		-30.3 to -35.3		-50.3 to -55.3		-70.3 to -75.3		-90.3 to -95.3		-110.3 to -115.3		-160.3 to -165.3
Laboratory ID:		0605044-01		0605048-01		0605052-01		0605056-01		0605056-02		0605060-01		0605061-01		0605066-01		0605067-01		0605068-01
Sampling Date:		05/04/2006		5/4/2006		5/4/2006		05/04/2006		05/05/2006		05/05/2006		05/05/2006		05/05/2006		05/06/2006		05/06/2006
Analyte:	Units:		Q		Q		Q				Q		Q		α		Q	(2	Q
1,1,1,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 l	J	1.0 U
1,1,1-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	4.0		3.2		23		76		32		1.0 U
1,1,2,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0 U
1,1,2-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.2		1.0	U	1.0 U
1,1-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.1		1.0	U	1.0 U
1,1-Dichloroethene	ppb	1.0	J	1.0	U	1.0	U	1.0	U	2.2		1.8		14		43		19		1.0 U
1,2-Dibromoethane	ppb	1.0	כ	1.0	J	1.0	U	1.0	U		U		U	1.0	כ	1.0	U	1.0	U	1.0 U
1,2-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.6		8.0		4.6		1.0 U
1,2-Dichloropropane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
2-Butanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
2-Hexanone	ppb	1.0	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	כ	1.0	U	1.0	U	1.0 U
4-Methyl-2-pentanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	C	1.0	U	1.0	U	1.0 U
Acetone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Acrylonitrile	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0 U
Benzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0 U
Bromochloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	υ	1.0	U	1.0	U	1.0 U
Bromodichloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	υ	1.0	U	1.0	U	1.0 U
Bromoform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0 U
Bromomethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0 U
Carbon disulfide	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0 U
Carbon tetrachloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	1.0	U	1.0 U
Chlorobenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	C	1.0	U	1.0	U	1.0 U
Chloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
Chloroform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.2		2.8		2.3		0.65 J
Chloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
cis-1,2-Dichloroethene	ppb	1.0	J	1.0	U	1.0	U	1.0	U	1.0	U	1.1		4.8		4.1		1.0	U	1.0 U
cis-1,3-Dichloropropene	ppb	1.0	כ	1.0	J	1.0	U	1.0	U		U		U	1.0	כ	110	U	1.0	U	1.0 U
Dibromochloromethane	ppb	1.0	U	1.0	J	1.0	U	1.0	U		U		U	1.0	J	1.0	U	1.0	U	1.0 U
Dichlorodifluoromethane	ppb	1.0	U	1.0	J	1.0	U	1.0	U		U		U	1.0	J	1.0	U	1.0	U	1.0 U
Ethylbenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		כ	110	U	1.0	U	1.0 U
m,p-Xylene	ppb	2.0	U	2.0	U	2.0	U	2.0	U		U		U		J	2.0	U	2.0	U	2.0 U
Methyl tert-butyl ether	ppb	1.0	U	1.0	U	1.0	U	1.0	U		U		U	1.0	כ	1.0	U	1.0	U	1.0 U
Methylene chloride	ppb	22	В	25	В	13	В	16	В		В		В	8.1	В		В	1.0	U	12 B
o-Xylene	ppb	1.0	U	1.0	J	1.0	U	1.0	U		U		U	1.0	J		U	1.0	U	1.0 U
Styrene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	כ	1.0	U	1.0	U	1.0 U
Tetrachloroethene	ppb	1.0	U	1.0	J	1.0	U	1.0	U		U			6.8		6.8		1.0	I	1.0 U
Toluene	ppb	1.0	U	1.0	U	1.0	U	1.0	U		U		U	1.0	J	1.0	U	1.0	U	1.0 U
trans-1,2-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	כ	1.0	U	1.0	U	1.0 U
trans-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U		U	1.0	U	1.0	כ	1.0	U	1.0	U	1.0 U
Trichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	17		24		260		460		220	I	0.33 J
Vinyl chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0 U
viriyi crilonde	hhn	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0

Surface Elevation (ft amsl) = 99.7

ppb - parts per billion **Bold** denotes concentration greater than the detection limit

ft bgs - feet below ground surface ft amsl - feet below mean sea level

Table 10. QA/QC Sampling Laboratory Analytical Results
Claremont Polychemical Superfund Site

Client Sample ID:		Potable Water		DRILL STEM		DRILL STEM 2		Potable Water		DRILL STEM	
Laboratory ID:		0512198-02		0601058-04		0601059-03		0605060-02		0605108-02	
Sampling Date:		12/17/2005		01/07/2006		01/08/2006		05/05/2006		05/10/2006	
Analyte:	Units:		Q		Q		Q		Q		Q
1,1,1,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,1-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromoethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Butanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Hexanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Acetone	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Acrylonitrile	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromochloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromodichloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromomethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon disulfide	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon tetrachloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
-	ppb	NA		NA		NA		1.0	U	1.0	U
Ethylbenzene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
m,p-Xylene	ppb	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Methyl tert-butyl ether	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylene chloride	ppb	1.0	U	12	В	1.0	U	15	В	8.4	В
o-Xylene	ppb	1.0	C	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	ppb	1.0	U	1.0		1.0	U	1.0	U	1.0	U
Toluene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	ppb	1.0	C	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	ppb	1.0	U	3.6		1.0	U	1.0	U	1.0	U
Vinyl chloride	ppb	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

NA - Not Analyzed for

Table 11. Turbidity Issue Groundwater Sampling Laboratory Analytical Results
Claremont Polychemical Superfund Site

Client Sample ID:		EW-2D		EW-12D		EW-7D	
Laboratory ID:		0602021-01		0602021-02		0602021-03	
Sampling Date:		01/31/2006		01/31/2006		01/31/2006	
Analyte:	Units:		Q		Q		Q
Alkalinity, Bicarbonate (as CaCO3)	mg/L	43.4		50.5		1.00	U
Alkalinity, Carbonate (as CaCO3)	mg/L	43.4		50.5		1.00	U
Alkalinity, free carbon dioxide	mg/L	2.18		1.92		1.00	U
Alkalinity, Hydroxide (as CaCO3)	mg/L	1.00	U	1.00	U	1.00	U
m-Alkalinity	mg/L	1.00	U	1.00	U	1.00	U
p-Alkalinity	mg/L	1.00	U	1.00	U	1.00	U
рН	pH Units	7.60		7.72		4.95	
Calcium	mg/L	25.3		17.2		3.94	
Magnesium	mg/L	12.1		8.71		1.48	
Sodium	mg/L	62.4		98.8		7.96	
Total Dissolved Solids	mg/L	160		340		54.0	
Total Suspended Solids	mg/L	3,220		2,350		30.0	

Client Sample ID:		EW-2D		EW-12D		EW-7C		EW-13D	
Laboratory ID:		9641342003		9641342004		9641342001		9641342002	
Sampling Date:		3/1/2006		3/1/2006		3/1/2006		3/1/2006	
Analyte:	Units:		Q		Q		Q		Q
Ethane	μg/L	3.0	U	3.0	U	3.0	U	NA	
Ethene	μg/L	3.0	U	3.0	U	3.0	U	NA	
Methane	μg/L	1.3		1.0	U	1.0	U	NA	
Chloride	mg/L	12.6		124		135		21.4	
Nitrate-N	mg/L	3.48		3.56		4.70		NA	
Nitrite-N	mg/L	0.24		0.62		0.20	U	NA	
Sulfate	mg/L	1.2		43.9		12.0		NA	
Sulfite	mg/L	2*	U	2*	U	2*	U	NA	
Manganese, Dissolved	mg/L	0.068		0.129		0.410		NA	

^{*}Samples received at the laboratory after the holding time for sulfite had expired.

NA - not analyzed for

Bold denotes concentration greater than the detection limit

Table 12. Soil Cuttings Sample Laboratory Analytical Results Claremont Polychemical Superfund Site

Client Sample ID:		EW4D/195/-35.7	
Laboratory ID:		0605109-01	
Sampling Date:		05/10/2006	
Analyte:	Units:		Q
Percent Moisture	wt%	19.1	
1,1,1,2-Tetrachloroethane	ppb	5.9	U
1,1,1-Trichloroethane	ppb	5.9	U
1,1,2,2-Tetrachloroethane	ppb	5.9	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb	5.9	U
1,1,2-Trichloroethane	ppb	5.9	U
1,1-Dichloroethane	ppb	5.9	U
1,1-Dichloroethene	ppb	5.9	U
1,1-Dichloropropene	ppb	5.9	U
1,2,3-Trichlorobenzene	ppb	5.9	U
1,2,3-Trichloropropane	ppb	5.9	U
1,2,4,5-Tetramethylbenzene	ppb	5.9	U
1,2,4-Trichlorobenzene	ppb	5.9	U
1,2,4-Trimethylbenzene	ppb	5.9	U
1,2-Dibromo-3-chloropropane	ppb	5.9	U
1,2-Dibromoethane	ppb	5.9	U
1,2-Dichlorobenzene	ppb	5.9	U
1,2-Dichloroethane	ppb	5.9	U
1,2-Dichloropropane	ppb	5.9	U
1,3,5-Trimethylbenzene	ppb	5.9	U
1,3-Dichlorobenzene	ppb	5.9	U
1,3-dichloropropane	ppb	5.9	U
1,4-Dichlorobenzene	ppb	5.9	U
2,2-Dichloropropane	ppb	5.9	U
2-Butanone	ppb	5.9	U
2-Chloroethyl vinyl ether	ppb	5.9	U
2-Chlorotoluene	ppb	5.9	U
2-Hexanone	ppb	5.9	U
2-Propanol	ppb	59	U
4-Chlorotoluene	ppb	5.9	U
4-Isopropyltoluene	ppb	5.9	U
4-Methyl-2-pentanone	ppb	5.9	U
Acetone	ppb	5.9	U
Acrolein	ppb	30	U
Acrylonitrile	ppb	5.9	U
Benzene	ppb	5.9	U
Bromobenzene	ppb	5.9	U
Bromochloromethane	ppb	5.9	U
Bromodichloromethane	ppb	5.9	U
Bromoform	ppb	5.9	U
Bromomethane	ppb	5.9	U
Carbon disulfide	ppb	5.9	U
Carbon tetrachloride	ppb	5.9	U
Chlorobenzene	ppb	5.9	U
Chlorodifluoromethane	ppb	5.9	U
Chloroethane	ppb	5.9	U
Chloroform	ppb	5.9	U
Chloromethane	ppb	5.9	U

Table 12. Soil Cuttings Sample Laboratory Analytical Results Claremont Polychemical Superfund Site

Client Sample ID:		EW4D/195/-35.7	
Laboratory ID:		0605109-01	
Sampling Date:		05/10/2006	
Analyte:	Units:		Q
cis-1,2-Dichloroethene	ppb	5.9	U
cis-1,3-Dichloropropene	ppb	5.9	U
Dibromochloromethane	ppb	5.9	U
Dibromomethane	ppb	5.9	U
Dichlorodifluoromethane	ppb	5.9	U
Diisopropyl ether	ppb	5.9	U
Ethanol	ppb	30	U
Ethyl acetate	ppb	5.9	U
Ethylbenzene	ppb	5.9	U
Freon-114	ppb	5.9	U
Hexachlorobutadiene	ppb	5.9	U
Isopropyl acetate	ppb	5.9	U
Isopropylbenzene	ppb	5.9	U
m,p-Xylene	ppb	12	U
Methyl tert-butyl ether	ppb	5.9	U
Methylene chloride	ppb	37	В
Naphthalene	ppb	5.9	U
n-Butyl acetate	ppb	5.9	U
n-Butylbenzene	ppb	5.9	U
n-Propyl acetate	ppb	5.9	U
n-Propylbenzene	ppb	5.9	U
o-Xylene	ppb	5.9	U
p-Diethylbenzene	ppb	5.9	U
p-Ethyltoluene	ppb	5.9	U
sec-Butylbenzene	ppb	5.9	U
Styrene	ppb	5.9	U
t-Butyl alcohol	ppb	5.9	U
tert-Butylbenzene	ppb	5.9	U
Tetrachloroethene	ppb	2.8	J
Toluene	ppb	5.9	U
trans-1,2-Dichloroethene	ppb	5.9	U
trans-1,3-Dichloropropene	ppb	5.9	U
Trichloroethene	ppb	210	
Trichlorofluoromethane	ppb	5.9	U
Vinyl acetate	ppb	5.9	U
Vinyl chloride		5.9	U

ppb - parts per billion

Bold denotes concentration greater than the detection limit

APPENDIX A

Daily Activity Reports

Date: 5-3-06 Weather/Site Cond	MUONS:
On-site Personnel:	Visitors:
Too ENDLY MATTOSTETIBERY	MIKE FLAHERTY
50 PTAK SAIL TOM DEVICK BLY	
TODO ENDY? ED PTAK SAIC TOM DEVICK BLY CATHY MUSS OLIVER REDUNSOND	
Camer .	
Summary of Days Activities:	
SITE ONIENTATION, PRE-ENTRY H'SS BA	IETING, LOADING EQUIPMENT, REVIEWING
WELL LOCATIONS, DRILLERS SETTING VI	And DEGIN PAD CONST. SET UP ON
WELL EW-14D. ADVANCE BOREHOLE	To 35' Bal.
Problems Encountered:	
DUNING SITE WALKOVER WI CATMY HUSS OBSERVE	DANT DAMAS OF SOLICITATION OF
PHOSE I WELL INSTALLATION WORE EMPTHED.	FAMILY THEN THE WALLAND ON SITE AT
DLD POLYMEMICAL BUILDING AND AZKED	PORT DAME HE TOPLETON THAT
DID POLYMEMICAL BUILDING AND ASKED I BORTH TEUN DISPOSED AND PROVIDED PRO	TEST MANNIONS PHONE # AND NAME.
JAMES KOORNS (COUTH TEUR) 516-352-4203	A
Significant Communications/Conversations:	'
Significant Communications, Conversations.	
DICK (NONCE TO CALL JAMES KENNIS	(ELATH TECH) TO INQUIRE ABOUT
WASTE DISPOSAL.	()
Compliance/Deviations from the Work Plan:	
Compliance/Deviations from the Work Plan:	
Compliance/Deviations from the Work Plan: Noがぞ Health and Safety Issues:	
Compliance/Deviations from the Work Plan: Noがを Health and Safety Issues:	
Compliance/Deviations from the Work Plan: Noがぞ Health and Safety Issues:	

Date: 5-4-06	Weather/Site Conditions: CLOM, ~ 75°F
On-site Personnel:	Visitors:
TOOO EMBY SAI COTHY HUSS	MATT OSTERBUED MIKE FLAHERTY (NASSAU COUNTY) CE TOM DEVICE BLY OLIVER PEOUSIN)
Summary of Days Activities:	79 EW-14D
I .	From 35 to 135 BqL. Collection QW SAMPLES
Problems Encountered:	
105' IN SAM	Problems w/ Torsidity probe on Hornbruga Due
Significant Communications/C	Conversations:
NONE	
Compliance/Deviations from the	he Work Plan:
	FINTERVAL AT 115' BGL TO 105' INTERVAL DUE NOT ON STOTED 20' INTERVAL,
Hoolth and Cafety Igmes	
Health and Safety Issues:	
None	
Signature of Field Manager:	
Jode Dey	

Date: 5-5-06	Weather/Site Con	ditions: Clear, ~ 80°F
On-site Personnel:	· · · · · · · · · · · · · · · · · · ·	Visitors:
TODO ENSY >	MATTOSTERBERG)	MIKE FLAHERTY (NASSAU COUNTY)
DATHY HUSS SAIC	MATTOSTERBERG BLY	(mains are)
BO PTAK J	Oliver Peopson)	
:		
Summary of Days Ac	divitios.	
		tard our Pau College of
1	A	135 to 215 Bal. Collectes Gu
Samples wow	135, 155, 175, 195 B	46
·		
Problems Encountered	<u>ad•</u>	
		NOT WORKING. VISUAL EST, MATER OF
		- SAMPLAS MAD TURBIDITY & SONTU.
AND WERE	chispe cuence	
Į,		
~	cations/Conversations:	
		TO ADVANCE BOREHOLD WITH WE
l –		ND or 300' Bal, After Have
KESULTS THAN	SET SCHOOL AT INT	ENLIAL WITH HILLIEST TEE CONCENTRATION
	•	
Compliance/Deviation	ns from the Work Plan:	
	·	
here		
Health and Safety Iss	11es:	
		`
NONE		
C10 4 C 3 . 3 . 5		
Signature of Field Ma	mager:	
1 / odlog		
1007	<u> </u>	

Date: 5/6/06	Weather/Site Con	iditions: clear ~ 76°F
On-site Personnel:		Visitors:
Ed Ptak > SAIC Matt Oste Cathy Huss diver Pad	K-> BLY	none
Summary of Days Activities:		
advanced EW-	140 borehole from	215'86L to 300'BGL edlected
grovuduciter sampk	e from 215' d 2	les' Bel
Problems Encountered:		
more difficult-		clay @ 220' BGL making drilling e @ 235' BGL, encountered more danse clay 285' BGL
Significant Communications/	Conversations:	
clay layer @	y advised to cons 220' BGL, also 5 directed previews	linue drilling upon 1st encounter of dense advised to continue advancing borehole by (Pick Cronce)
Compliance/Deviations from	the Work Plan:	The second of the second secon
	encounter of this	ck clay projected sampling depths
Health and Safety Issues:		
none		
Signature of Field Manager:	MIDA	

٠.	Date: 3/7/04	ŷ.	Weather/Site Con	nditions: des ~60°F	
	On-site Person			Visitors:	
	Ed Plak Cathy Hu	->SAIC ONLY SS Tom	Osambing Bedorsen -> BLY Devict	inone	
	Summary of D	avs Activities:		1	
	,	-	struction EW-140	~52+ screen @ 185'-185'	
		TD= 30	x 96L		
		•			
-	Problems Enco	untered:			
		Duriv	ng screen f som	d pack construction	
	waight	and 100' of	water tope got	caught on upper rentralizen	
	Significant Con	Dick portion of viations from the	cronce alvised; rome water tope; rome ne Work Plan:	strongly to retribute weight and one well if needed or (topos someth) becoming an	
		obstruction d	luring screen \$	sand pack construction; well	Ì
		was construct	fed with bottom	n of screen controllized only	
]	Health and Safe	ty Issues:			
			nove		
	Signature of Fiel	d Manager:	MIPM		

Date: 5/8/06	Weather/Site Cor	aditions: clear ~ 70°F	
On-site Personnel:		Visitors:	
Edwin Plak SAK Mat Cathy HUSS SAK Jan	f Oslerberg		,
Cathy Huss Jan	Devikh -> BLY r federson	Mike Flathery (Nassou County)	
Oliv	r federson		
·			
Summary of Days Activities:			
decon rig/flatwater _ advan	ced EW-40 bo	relide from 8' to 175' RGI	
set up @ EW-40 will	begin gw sampli	ing 3/4/06	
	•	<i>y</i>	
Problems Encountered:	***************************************		
advenci	ng borehole fr	on 20'BGL - 90'BGL	
# ffice	ilt due to dry	/loose materials	·
	•		
Significant Communication (C			
Significant Communications/Co	mversations:		
Spo	ke w/cathy Hus	ss - Oick Gronce	
abovi	sampling interv	el @ 170'-175' BOL	
			ļ
Compliance/Deviations from the	e Work Plan:		
			1
n	out		İ
	O		ĺ
	•		
Health and Safety Issues:	·		
·			
nonf			
Signature of Field Manager:	1100		
	Ch VPH		

Date: 5/9/06	Weather/Site Con	ditions: ~50°F rain
On-site Personnel:		Visitors:
Edwin Ptak >SAIR Catly Huss Dick Clunce	Matt Osterburg Oliver Pobuson - BLY Tom Devik	Mike Flothy Negsee County Maria Jan EPA
Summary of Days Activities:		
advance	•	from 175' to 235' BGL 175', 145', 215' and 235' BGL
Problems Encountered:		
	@ gaza fidadi	
I		c line/sitting needed replaced
ا	n rig -delayed	drilling for n 2 hrs.
	_	
Significant Communications/	Conversations:	
	Dick Cronce \$	members of EPA arrived
	onsite to view di	rilling activities
Compliance/Deviations from t	he Work Plan:	
	none	
Health and Safety Issues:		
	nor	
Signature of Field Manager:	MAH	

Date: 5/10/06	Weather/Site Conditions: ~60 °F evercast
On cita Damannala	***
Edwin Dlak	Matt Osterburg Oliver Padusens BLY Ton Devict Visitors: Rob Almy
SAIC	Oliver Paleson, BLY ROB Almy
Cathy Huss	Tom Device
Dick (sonce	
Summary of Days Activiti	es:
	. 1
	advanced Eu-40 from 235 BGL to
	target depth - 325' BGL collected grand-order samples
ļ	@ 255, 275, and 295' BGL diveloped Ew-140@3.39pm
	for 4 hrs.
Problems Encountered:	
	could not sample @ 315' and 325' sampling intervals due to materials encountered (silty, elap) continued purging Eu-140 turbidity did not lower
	intervals his in matricle encountered (silto clas)
	Line Francisco Francisco Lachidita Lida de la
	continued building to 140 to Blow A all hat land
Significant Communication	
	spoke with Dick Cronce concerning screen interval
	will set scheen @ 285'-295' BGL
Compliance/Deviations fro	m the Work Plan:
	did not sample 315' \$ 325 intervals
	•
Health and Safety Issues:	
	į
	none
Signature of Field Manager	
	My VDHo
	PR FRE

	/11/06	Weather/Site Co	onditions:~60° f averast /min
On-site Pers Edwin Plak Cally Puss	connel: Tath 05th SAIC dliver And Tom Dec	nding wson — BLY lik	Visitors: [Mire Flathy Hassav County
Summary of	Days Activities:		
			721 green @ 285'-295 BGL
	wil	I finish well	construction (grout) next week - 5/16/06
Problems En	countered:		
		nane	
Significant C	ommunications/(Conversations:	
J			
		nove	
		-	
Compliance/l	Deviations from t	he Work Plan:	
		લલ્પ	
Health and Sa	fety Issues:		
ignature of F	ield Manager:	Austr	/
		per that	

,	Date: 5/14/06	Weather/Sit	e Conditions:	rain - 50°F
_	On-site Personnel: Edwin Plak Cathy Huss Sak	Mattoskoberg Tom perick -> Bl Blive federa	Visitors:	Mike Flaghedy - Nassau Co. Jim Kardos
				Jin Kardos
	Summary of Days Activit			
		finished well advanced Ew-1	anstruction (group) EW-40 -decon equip.
		:		
	Problems Encountered:			
		none		
[
· 1	Significant Communication	ons/Conversations:		
	Ì	nove		·
-	Compliance/Deviations fro	om the Work Plan.		
		m the work i lan.		
		nom		
	Hoolth and Cofet I			
	Health and Safety Issues:	nove		
ı F	Signature of Field Manage	r: Arph		
_		· · · · · · · · · · · · · · · · · · ·		

Date: 5/17/c6	Weather/Site	Conditions: ~ 70°F cleof
On-site Personnel: Edwin Plak Matt Oster Still Tem Davick Cartly Huss dlive Poles		Visitors: Hika Algory - Nassau Co. Jim Kardos
Summary of Days Activities:		
ad Sampled	hunced Ew-1 at 135, 175	1D berelide to 235'BGL, groundwater 1,190, and 205 intervals
Problems Encountered:		
	needed	to change 195' and 213' yal due to materials aucountered 198' and 205'
	sampling interv	val due to materials encountered
	sampled @	198' and 205'
1		
Significant Communications/Co	nversations:	
, n	Chre	
Compliance/Deviations from the	Work Plan:	
changed and	sampling into	wels 195 to 190 205'
Health and Safety Issues:		
none		
		·
Signature of Field Manager:	MPht	

	/Site Conditions:
On-site Personnel:	Visitors:
Edwin Ptak Matt Osterlang ——PSAK Tom Bevick Cathy Huss Oliver Dedusou	Mixe Hagorly - Nossav Co. Rob Alvey
Summary of Days Activities:	
advace	d casing of 4"cove barrel EW-IID 5' to 295' BOL -groundwater sampled
Stor 23	5 to 295' BGL -groundwater sampled
1+ 235	, 255, 275' BGL
Problems Encountered:	
	iculty advancing 6" casing -> 295' BGL
used 4"	come sarrel to clean out barehole
	colly with Grundses pump while
developing	1 1
Significant Communications/Conversation	
· E	isite-discussed whim our progress
with samplin sample at 29	g (255' \$ 273' NDS) - he advised to 5' BGL
Compliance/Deviations from the Work Pl	· ·
drilled	slightly beyond larger depth
for Ew-	slightly beyond larget depth 110 as spec, in scope
Harlet IC. C. T	
Health and Safety Issues:	
nove	
	- ,
Signature of Field Manager:	

Date: 5/11/06	Weather/Site Conditions: 70° F refear & rain
On-site Personnel: Edwin Plats Catly Huss	math ozerling Oliver Redenselv AIC 7 an Devick BLY
Summary of Days Activities:	
	groundwater sampled @ 295' began well
	construction TD -> 295 box
	243)140101(1D -7 213 BGL
Problems Encountered:	
	continued to have difficulty with Grandfos up while developing EW-40
40	up while developing EW-40
Significant Communications/C	Conversations:
1	
	stop at 293'BGL and construct EU-110.
Compliance/Deviations from t	
,^	noved screen interval depth based on
100	novad screen interval depth based on cation of more permeable material
	278'-280' BGL
Health and Safety Issues:	
	nove
J	
1	
Signature of Field Manager:	MID HA
	Carp th

Date: 5-20-06	Weather/Site Conditions: Partly Sunny, highs = mid 60's
On-site Personnel:	Visitors:
eathy Huss, SAIC Matt Tom Oliv	Devich Bentl none Predersen
Summary of Days Activities:	
Poursleted a verition	sof EW-112 equipment of well location
moved ng and	24 and market
Problems Encountered: Drillers didn't clean cleaning hadened go	groud out of mixing tub, mixer, and lines.
Significant Communications/C	Conversations:
none	
Compliance/Deviations from the	he Work Plan:
none	
Health and Safety Issues:	
none	
Signature of Field Manager:	n 1
Carl	4 Hus

Date: 5-21-66	Weather/Site Con	ditions: mid-60s 5	un, rain, sun, rain
On-site Personnel:	,	Visitors:	, .
Cathy Huss, SAIC Mai	H Osterberg Devick Bes Reclaser		
Summary of Days Activities:			
Completed EW-11D	surface compl	letion	
Completed EW-IID Deconned and li	carded equipment	net	
			•
Problems Encountered:			
none			
Significant Communications/Co	onversations:		
none			
		•	
Compliance/Deviations from the	e Work Plan:		
none			
Health and Safety Issues:			· .
none			
Signature of Field Manager:			

Date: 5-37-06	Weather/Site Conditions: 65° Sunny + wirds
On-site Personnel:	Visitors:
Cathy Huss, SAIC	Rob Alvey, EPA
Greg Halliday, Boart Lon	3 yar
Summary of Days Activities:	
Dulling crew demo	bed from site
Developed EW-40	and Euro
Set pumps in El	V-4D and EW-11D
301 74.	
Problems Encountered:	
pune	
• • • • • • • • • • • • • • • • • • • •	
Significant Communications/Co	onversations:
None	
• • •	
Compliance/Deviations from th	e Work Plan:
EW-4D +EW-11D deve	loped via airlitting: Pumping with Grundfas
the not opening	supplies of Jel
was not plevelopi	were's adequated
Health and Safety Issues:	
None	
· · · · · · · · · · · · · · · · · · ·	
Signature of Field Manager:	
Cath Hu	<i>9</i> 5

APPENDIX B

Photos



Drilling At EW-2D

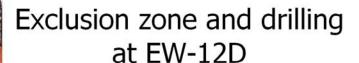


Drilling at EW-2D

EW-2D well completion

Setting up for groundwater sampling At EW-10C (side by side set-up)





Degassing of purge water during ground water sampling At EW-13D (Horiba U-22 and Flow through cell)

APPENDIX C

Field Change Requests

Program Phase I and II Monitoring Well Installation

Project Name <u>Claremont Polychemical Superfund Site</u> 02-D-0005, Task Order 0002

Contract No. DACW41-

FCR NO.	DATE INITIATED	STATUS	SOP. NO. / WORKPLAN SECTION AFFECTED	REQUESTOR	DATE FCR APPROVED
1	12/8/05	Not Approved	Work Plan for The Installation of Additional Monitoring Wells - Phases 1 & 2 November 2005, Section 3.10.2 Water (Waste Management) p.15	Todd Eaby	Not Approved - Denied
2	5/8/2006	Approved	Work Plan for The Installation of Additional Monitoring Wells - Phases 1 & 2 November 2005, Section 3.6 (Well Construction), p. 13	Edwin Ptak	5/10/2006
3	5/8/2006	Approved	Work Plan for The Installation of Additional Monitoring Wells - Phases 1 & 2 November 2005, Section 3.4.1 (Sampling depths) p. 10	Cathy Huss	5/10/2006
4	5/16/2006	Approved	Work Plan for The Installation of Additional Monitoring Wells - Phases 1 & 2 November 2005, Section 3.1 (Well locations), p. 8)	Cathy Huss	5/24/2006

FCR NO	DATE INITIATED 12/8/05
PROJECT CLAREMONT POLYCHEMICAL SUPERFUND SITE -	PHASESTE MONITORNY WELL INSTALLATION
CONTRACT NO. 01-1633-04-5386-450	
REQUESTOR IDENTIFICATION	SITE OFFICE 516-777-7242
NAME TODD EABY ORGANIZATION	N SAIC PHONE 717-901-8823
TITLE FIELD MANAGER /RIG GFOLOGUTSIGNATURE	Josel Dady
BASELINE IDENTIFICATION	
	tone Method of Accomplishment RK PLAN FOR THE INSTALLATION OF ADDITIONAL SITORING WELLS - PRASES 1 & 2 AT THE CLAREMOUT Y CHEMICAL SUPERFUND SITE MOVEMBER 2005 TION 3.10. 2 WATER (WASTE MANAGEMENT) P. 15
REQUESTING APPROVAL TO SURFACE DISCHARGE DUELL DEV COLLECTED DURING BOREHOLE ADVANCEMENT/DISCRETE OF VOCS LESS THAN THE CONCENTRATIONS REQUIRES (I.E. TCE PERMIT REQUIREMENT < 5 ppb).	INTERVAL SAMPLING HAD CONCENTRATIONS
JUSTIFICATION: TO VOC CONCONTRATIONS ARE DETERMINED DURING BE LESS THAN THAT REQUIRED BY THE GWTP I DEVELOPMENT PURSE WATER DOES NOT SEEM A	NPDES PERMIT, CONTAINMENT OF THE
IMPACT OF NOT IMPLEMENTING REQUEST:	
WILL REQUIRE ADDITIONAL TIME TO CONTAIN DEV RESULTS IN PROCESSING OF WATER FROM DEVELOPM LESS MAN THE NPOES PERMIT REQUIRES, RED TIMEAND RESOURCES.	IENT THAT IS ALREADY HAS VOC CONCENTIONO
PARTICIPANTS AFFECTED BY IMPLEMENTING REQUEST: DAIL CREW, SAIC FIELD CREW, GWTP OPE	rators.
COST ESTIMATE (\$) O ESTIMATOR SIGNATURE	Told Daly
PHONE 717-901-8823	DATE /2-8-03
PREVIOUS FCR AFFECTED YES YES NO; IF YES, FCR I	NO
CLIENT PROJECT MANAGER	DATE
CLIENT PROJECT MANAGER	DATE
SAICH&S MANAGER SIGNATURE (IF APPLICABLE)	DATE

FCR NO.	DATE INITIATED S/166
PROJECT Claverout Polychemical Syperified Site	
CONTRACT NO. 0(~1633~	
REQUESTOR IDENTIFICATION	site office: 516-777-7242
NAME <u>Edwin V. Płak</u> ORGANIZAT	TION 5/1K PHONE 717-421-0150
TITLE Rig Geologist SIGNATURE	Was/Plox
BASELINE IDENTIFICATION	
AFFECTED DOCUMENT (TITLE, NUMBER AND SECTION) OBSCRIPTION OF CHANGE: Requesting approach to install only one stainless	estone B Method of Accomplishment Notk plan for the <u>Installation of Additional</u> Monitoring Wells - Phases 1 \$ 2 at the Clarment Polychamical Superfund Site, May 2006 Section 3.6 (well construction) 19.13
JUSTIFICATION: prilling crew has experienced frequent monitoring well installation. Instrumentation used to g pack for screen interval frequently gets caught on st considert in keeping puc centered in the borehole for a is being used @ Brillers suspend Puc from hig during we	reasons: O, a more rigid and less broable PVC (sch. 50)
IMPACT OF NOT IMPLEMENTING REQUEST: will require additional time to retrieve steel and breaks off. PVC will have to be pulled Loss of time and materials. Cost estimate base 2-3 hours extra to retrieve tape of weight; abandon	d on risk of best and worst case senatios,
PARTICIPANTS AFFECTED BY IMPLEMENTING REQUEST APRIL CRU, SAIC FIELD CRU	T:
	MICOLA
COST ESTIMATE (\$)1000-25000 ESTIMATOR SIGNATUR	<u>-</u>
	DATE 3/4/06
PREVIOUS FOR AFFECTED OYES NO; IF YES, FOI	R NO
CLIENT PROJECT MANAGER	DATE
CLIENT QA SPECIALIST	DATE
SAICH&S MANAGER SIGNATURE (IF APPLICABLE)	DATE

FCR NO	DATE INITIATED
PROJECT classical Applicated Syposterial Site	
CONTRACT NO	
REQUESTOR IDENTIFICATION	site office: SK-777-7242
NAME Éduin V. Płak ORGANIZATI	IONPHONE_717-421-0154
TITLE Fig 600 1 15t SIGNATURE	Me/Pox
BASELINE IDENTIFICATION	
AFFECTED DOCUMENT (TITLE, NUMBER AND SECTION) A DESCRIPTION OF CHANGE: Feguesting approach to install only one statutes	estone Si Method of Accomplishment Work plan for the <u>Tustallation of Additional</u> Mark plan for the <u>Tustallation of Additional</u> Mark plan for the <u>Tustallation of Additional</u> Mark constant Superfind Site, May 2006 Section 3.6 (will constantion) 15.13
• ·	
JUSTIFICATION: Drilling crew has experimed frequent monitoring well installation. Instrumentation used to go pack for screen interval frequently gasts caught on statemental in Koeping PUC centered in the borehole. For 2 is being used & brillers suspend PUC from his during well	auge dopths diffing the construction of sand intess steel centralizer at top of screen. Drillers teel reasons: O. a more right and less brotable tVC (sch. 80)
IMPACT OF NOT IMPLEMENTING REQUEST: will require additional time to certicule, stall and breaks off, but will have to be possed a Lost of time and metarials. Cost estimate bases 2-3 hours extra to retrieve tape of weight jabandons	d on risk of best and worst costs securios.
PARTICIPANTS AFFECTED BY IMPLEMENTING REQUEST bill chu, sac field chu	<u> </u>
COST ESTIMATE (\$)1000	E Millit
ı	DATE 3/4/06
PREVIOUS FOR AFFECTED OYES NO; IF YES, FOR	NO
CLIENT PROJECT MANAGER Toold a Daniel	DATE 5/10/00
CLIENT QA SPECIALIST	DATE
SAICH&S MANAGER SIGNATURE (IFAPPLICABLE)	DATE
OPTIONAL FORM 99 (7-90)	
FAX TRANSMITTAL # of pages > 2	FTP-1220, Revision 0, 7/07/99
Cathy Huss From Tool of Daniele	
Dept./Agency Phone #	05/10/06 WED 05:32 [TX/RX NO 9924] 図0
Fax #	

FCR NO. 3 DATE INITIATED 5-8-06
PROJECT <u>Clarement Polychemical Superfund Site</u> Phase 2 Monitor - Well CONTRACT NO. 01-1633-04-5386-550
REQUESTOR IDENTIFICATION
NAME <u>Cathy Huss</u> ORGANIZATION <u>SAIC</u> PHONE 717-557-9648 TITLE <u>Sampling Manager</u> SIGNATURE <u>Cathy</u> Huss
BASELINE IDENTIFICATION
BASELINE(S) AFFECTED & Cost & Scope • Milestone • Method of Accomplishment AFFECTED DOCUMENT (TITLE, NUMBER AND SECTION) Werk Plan for Installation of Additional DESCRIPTION OF CHANGE: Honitorin Wells - Phase 1+2, Section 3.4.1
as per the work plan, groundwater sampling at EW-4D will begin at a depth of 155 ft bgs. It is requested that sampling begin at the next interval below 155 ft.
JUSTIFICATION: Existing monitoring well EW-4C is adjacent to EW-4D, and is expensed from 145-155 ft bas. EW-4C has been sampled quarterly for over 4 years. Sampling at the 155' interval will not provide new information
IMPACT OF NOT IMPLEMENTING REQUEST: additional sampling time (~1-2 hours) and associated costs (~9800-130) will be incurred.
PARTICIPANTS AFFECTED BY IMPLEMENTING REQUEST: SAIC freld crew, drilling crew
COST ESTIMATE (\$) 800-1300 ESTIMATOR SIGNATURE Cath Huss savings could be used later in project PHONE 717-557-9648 DATE 5/8/06
later in project PHONE 717-557-9648 DATE 5/8/06
PREVIOUS FCR AFFECTED OYES NO; IF YES, FCR NO
CLIENT PROJECT MANAGER DATE
CLIENT QA SPECIALIST DATE
SAICH&S MANAGER SIGNATURE (IF APPLICABLE) n/a DATEDATE

FCR NO. 3	DATE INITIATED 5-8-06
PROJECT Clorenest Polycheme	and Superfund Ste Phase 2 Monitor Well Installation
CONTRACT NO. 01-1633-04-53	186-550 Installation
REQUESTOR IDENTIFICATION	
NAME Cathy Huss	ORGANIZATION SAIC PHONE 7/7-557-9648
TITLE Sampling Manager	SIGNATURE Cothy Hum
BASELINE IDENTIFICATION	
BASELINE(S) AFFECTED COST S AFFECTED DOCUMENT (TITLE, NUMBER A DESCRIPTION OF CHANGE:	AND SECTION) Work Plan for Installation of Additional Hositorin Walls - Phase 1+ 3, Section 3.4.1
as per the work plan, grow depth of 155 ft bgs. It is next interval below 155 f	indwater sampling at EW-4D will begin at a is requested that sampling begin at the 4.
JUSTIFICATION: Existing monitoring well E screened from 145-155 A for one 4 years. Sampling information	EW-4C is adjacent to EW-4D, and is bus. EW-46 has been sampled quarterly at the 155' interval will not provide new
IMPACT OF NOT IMPLEMENTING REQUES additional sampling time (will be incurred.	st: ~1-2 hours) and associated costs (~ \$800-190)
PARTICIPANTS AFFECTED BY IMPLEMENT SAIC Fredd Crew, drilling	ПNG REQUEST: പ്പോ
cost estimate (5) 800-1300 estimate savings could be later in project PHONE	TOR SIGNATURE Cath Hugs 1717-557-9648 DATE 5/8/06
PREVIOUS FOR AFFECTED OYES PA	
CLIENT PROJECT MANAGER _ J ordel	
CLIENT QA SPECIALIST	DATE
SAICH&S MANAGER SIGNATURE (IF APPLICA	

FCR NO. 4 DATE INITIATED 5-16- Ø6
PROJECT Clarement Additional Well Installations Phase 2
CONTRACT NO. 01-1633 - 04 - 5386 - 550
REQUESTOR IDENTIFICATION
NAME <u>Cathy Huss</u> ORGANIZATION <u>SAK</u> PHONE 717-557-9648
TITLE Field Manager SIGNATURE Cally Huss
BASELINE IDENTIFICATION
BASELINE(S) AFFECTED Cost Scope Milestone Method of Accomplishment AFFECTED DOCUMENT (TITLE, NUMBER AND SECTION) Work Plan, Section 3, 1 DESCRIPTION OF CHANGE:
Propose moving EW-ID location ~ 450 east of EW-IDD
JUSTIFICATION: Based on findings, during Phase), moving EW-11D will provide more useful information as to the characterization of the plane
IMPACT OF NOT IMPLEMENTING REQUEST: Less information collected
PARTICIPANTS AFFECTED BY IMPLEMENTING REQUEST: S'AIC field onew, drilling Subcontraction
COST ESTIMATE (\$) & ESTIMATOR SIGNATURE Cash Hus
PHONE 7/7-557-9648 DATE 5-17-66
PREVIOUS FCR AFFECTED YES NO; IF YES, FCR NO.
CLIENT PROJECT MANAGER DATE
CLIENT QA SPECIALIST DATE
SAICH&S MANAGER SIGNATURE (IF APPLICABLE)DATE

FCR NO. 4 DATE INITIATED 5-16- 66
PROJECT Clarement Additional Well Installations Phone 2
CONTRACT NO. 01-1633 - 04 -5386-550
REQUESTOR IDENTIFICATION
NAME Cathy Huss ORGANIZATION SAC PHONE 7/7-557-9648
TITLE Field Manages SIGNATURE Cally this
BASELINE IDENTIFICATION
BASELINE(S) AFFECTED Cost Scope O Milestone O Method of Accomplishment AFFECTED DOCUMENT (TITLE, NUMBER AND SECTION) Work Plans, Section 3. / DESCRIPTION OF CHANGE:
Propose moving EW-11D location ~450 east of EW-12D
JUSTIFICATION: Based on findings, during Phase), moving EW-11D will provide more useful information as to the characterization of the plane.
IMPACT OF NOT IMPLEMENTING REQUEST: Less information calleded
PARTICIPANTS AFFECTED BY IMPLEMENTING REQUEST: SAIC field onew, drilling Subcombach
COST ESTIMATE (5) & ESTIMATOR SIGNATURE CASH HULLS
PHONE 7/7-557-964K DATE 5-17-06
CLIENT PROJECT MANAGER 1 octo Q. Daniels DATE 5 24 06
CLIENT PROJECT MANAGER 1 oct Q. Daniels DATE 5 24 06
CLIENT QA SPECIALIST DATE
SAICH&SMANAGER SIGNATURE (IF APPLICABLE)DATEDATE

FTP-1220, Revision 0, 7/07/99

APPENDIX D

Well Boring Logs

MOSHMENDE POLICY BOAT LOTTER BOAT LONG BOAT LO		HTW DRIL	LING L	.OG	<u>. </u>			HOLE NO.
Claremonal Polycheuical Superiord Site Macro Paler Macr	SAIC		2. DA			Boart Long yea	^	
MECO-POLICIAN HOT C Spek berg Colony Sourc	ROJECT Clavemont	Polychunical Superfu	d site	4. LOCA	TION .	- ,		
ESPANDING COUPMENT MOSAMPHING COUPMENT AND AMPHING COUPMENT AND AMPHING COUPMENT BY ONE DATES MOSAMPHING COUPMENT AND AMPHING COUPMENT BY ONE DATES MOSAMPHING COUPMENT BY ONE DATES MOSAMPHING COUPMENT MOSAMPH	IAME OF DRILLER			6. MANU	FACTURER'S D	ESIGNATION OF DRILL		
NO SAMPLING SOLPHIAST 4" OR Letted 5" ANYTHING COSING 15 SUPPACE ELECTRON 16 STATE COMPLETED 16 STATE COMPLETED 17 ANY 11 DATE COMPLETED 17 ANY 12 III DATE COMPLETED 18 DEPTH TO WATER MODELAPSO THE APER PERMING COMPLETED 18 DEPTH TO WATER MODELAPSO THE APER PERMING COMPLETED 19 ANY 15 SEPTI ARROHAMATICS PROPERLY CONTROL SAMPLES FOR CHEMICAL ANALYSIS CAJ SAMPLES FOR CHEMICAL ANALYSIS VICE MITTALS NO DEPTH DESCRIPTION OF HOLE BACKFILDD MONITORINA WALL OTHER REPEDITY TO THER MERCH PERMINE SPECIFY TO THER REPEDITY OTHER	ZES AND TYPES OF DRILLING			I		ry Sonic / Boar	of longyear	Rig #
SAMPLES FOR CHEMICAL ANALYSIS SAMPLES FOR CHEMICAL ANALYSIS NO DEPTH DESCRIPTION OF MATERIALS FIELD ECCRESIONS SAMPLES SAMPLES FOR CHEMICAL ANALYSIS NO DEPTH DESCRIPTION OF MATERIALS FIELD ECCRESIONS FI	AND SAMPLING EQUIPMENT	4" core barrel				At SUNY A	openly, wes	of inject. Field
DEPRENCIENT THICKNESS 3325 861 15. DEPTH ADDILITED STILL STILL STATE SHOULD SHAPE THE APPEN PRILLING CONFLETED 5/18/06 15. DEPTH ADDILITED STILL AVAILABLE SHAPE SHOULD SHAPE SHOULD SHAPE S		distribe interna	ing	9. SURFA	ACE ELEVATION	4	, ,	
NERBURGEN THICKNESS 3325 861 15. DEPTH GROUNDWITER PRODUCTIONS NA 18. DEPTH GROUNDWITER PRODUCTION OF MATERIALS OTAL DEPTH OF HOLE 325 861 / -165.3 AMSL 17. OTHER WATER LEVEL MESSUREMENTS (SPECIFY) 18. TOTAL HUMBER OF CORE BOXES NAME DEPTH GROUNDWITER SUPPLIES (SPECIFY) 19. TOTAL HUMBER OF CORE BOXES NAME SAMPLES FOR CHEMICAL AMALYSIS CAN SAMPLES OTHER REPORTY) NA SAMPLES FOR CHEMICAL AMALYSIS CAN SAMPLES OTHER REPORTY) DISPOSITION OF HOLE BACKFILLED MONTORINO WELL OTHER REPORTY) OTHER REPORTY) 28. SIGNATURE COSHISPECTOR RECOVERY NA " DEPTH DESCRIPTION OF MATERIALS REBULTS OR CORE BOX NO SAMPLEN OR CORE BOX NO SAMPLEN OF COMES NO SAMPLEN OF CORE SON		4.2.0	1 0 00 455,000	10. DATE	STARTED	77 L3 L	11. DATE COM	PLETED
TOTAL DEPTH TO WATER AND ELAPSED TIME APPENDIALING CONFLICTED 13.7 BGL	OVERBURDEN THICKNESS					TER ENCOUNTERED	5/11/06	
OTAL DEPTH OF HOLE 325 BGL / -(65.3 AMSL TOTAL DEPTH OF HOLE 325 BGL / -(65.3 AMSL TOTAL DEPTH OF HOLE 325 BGL / -(65.3 AMSL TOTAL DEPTH OF HOLE 325 BGL / -(65.3 AMSL TOTAL DEPTH OF HOLE DISTURBED UNDSTORED THERE THE DEPTH OF HOLE BADDELED MONTORING WELL THERE SPECIFY THERE S		>325 861						
OTHER WATER LEVEL MEASUREMENTS (SPECIFY) 19. TOTAL NUMBER OF CORE BOXES SAMPLES FOR CHEMICAL ANALYSIS WO METALS OTHER (SPECIFY) OTHER (SPE	DEPTH DRILLED INTO ROCK	NA		16. DEPT	'H TO WATER A	ND ELAPSED TIME AF	TER PRILLING CO	MPLETED
DISTURBED INDUSTRIBED 10. TOTAL NUMBER OF CORE BOXES SAMPLES FOR CHEMICAL ANALYSIS VOC METALS OTHER (SPECIFY) OTHER (SPECIFY) OTHER (SPECIFY) SAMPLES FOR CHEMICAL ANALYSIS WE SAMPLES ON CHEMICAL ANALYSIS ODSPOSITION OF HOLE BACKFILLED MONITORING WELL OTHER (SPECIFY) DESCRIPTION OF MATERIALS FELD SCREENING OF OTHER (SPECIFY) DESCRIPTION OF MATERIALS FELD SCREENING OF OTHER ANALYTICAL OR COUNTS REMARKS OR COME BOX NO. SAMPLE NO. OR COME BOX NO. OR COME	TOTAL DEPTH OF HOLE	325' RC1 /-1653	AMSI					1020
SAMPLES FOR CHEMICAL ANALYSIS (W) SAMPLES FOR CHEMICAL ANALYSIS (W) SAMPLES FOR CHEMICAL ANALYSIS (W) SAMPLES (SECRETION (SECR	SEOTECHNICAL SAMPLES			URBED 19	TOTAL NUMB	ER OF CORE BOXES		
Samples X DISPOSITION OF HOLE BACKFILLED MONTORING WELL OTHER (SPECIFY) PELD SCREENING BESULTS FIELD SCREENING BES	CAMPI FO FOR SUFFICION AND			e				,
DISPOSITION OF HOLE BACKFILLED MONITORING WELL OTHER (SPECIFY) 22. SIGNATURE OF INSPECTOR EW-4D FIELD SCREENING GEOTECH SAMPLE MANUTICAL BLOW REMARKS IN GROOPE BOX NO. SAMPLE NO. COMPTS FOR you're readed STO2 25ft (C'-1') Sifty great (Ti); rad 15th brown (Ty878) (SY8 5/4) fire to med grained \$102 Sound 5/3 sound 23/05 sib runded Tourndad grands loose 1. Sifty great (Ti); rad 15th brown (Ty878) FIELD SCREENING GEOTECH SAMPLE MANUTICAL BLOW REMARKS IN GEOTECH SAMPLE NO. SAMPLE NO. COMPTS FOR CORE BOX NO. SAMPLE NO. COMPTS FOR CORE BOX NO. SAMPLE NO. COMPTS FOR CORE BOX NO. SAMPLE NO. COMPTS FOR CORE BOX NO. SAMPLE NO. COMPTS FOR CORE BOX NO. SAMPLE NO. COMPTS FOR CORE BOX NO. SAMPLE NO. COMPTS FOR CORE BOX NO. SAMPLE NO. FOR CORE BOX NO. SAMPLE NO. F			METALS	OTHER	R (SPECIFY)	OTHER (SPECIFY)	OTHER (S	
DEPTH DESCRIPTION OF MATERIALS FIELD SCREENING FIELD SC			HOLETONIO					
DESCRIPTION OF MATERIALS FIELD SCREENING RESULTS GEOTECH SAMPLE OR CORE BOX NO. ANALYTICAL SAMPLE NO. COUNTS REMARKS PROMARKS PROMARKS PROMARKS REMARKS RAMAYTICAL RAMAYTICAL ROUTH RUMS REMARKS REMA		DAVAFILLED	 	CLL OTHER	(SPECIFY)	23. SIGNATURE OF	NSPECTOR 	
DESCRIPTION OF MATERIALS RESULTS OR CORE BOX NO. SAMPLE NO. COURTS REMARKS Descriptions using Sample No. Courts Sample No. Courts REMARKS Descriptions using House or interest sign House or used for Avilling from plant - airy House Avilled 4x6 ii dry (0'-94') 86L Soil cove (o'-325') 86L				IELD SCREENING	GEOTECH SA	AND TO ANALYTICAL	BLOW.	T
Cracely 9114 (n1): strong brown (7.5485) (3.2% sub randed 5:02 5044 (6-1) (1) (1) (1) (1) (1) (1) (1)	1 1	DESCRIPTION OF MATERIALS		RESULTS	OR CORE BOX	(NO. SAMPLE NO.	COUNTS	-
	Silty of Syr sand roundso	(0'-1') Travel (14); red lish (5/4) fine to med grain 5% sand 22% sub gravels losse						trunsell soil color chart 4 unified soil classification water used for drilling from plant - city by drilled 4x6" dry (0'-92') 86L Soil rove
FRIBM PROJECT LIGHT NO.	JUN 89 55		CP5				HOLE NO.	-40

DEPTH. DESCRIPTION OF MATERIALS SILTY Gravel (ML): Yellowish new (5YR 6/3) wid coarse grained sand sub-rounded-eagular - < 5% savi gravels 1 partial size with dept for 5'-10' interval	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 2 OF 37 SHEETS REMARKS h
- Silly (seased (A)) (seather sich	d			g	
]			
accomplated - lost one (5'-16')	0.0			%5	

PROJECT	HTW DRILLING LOG	(CONT.)				HOLE NO.	
	crs	E	INSPECTOR EVP				
ELEV. DEPTH. a b	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS PLD d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF 37 SHEETS REMARKS	
FORM 55-2	Silty gravel (M): reddish brand (3 YR s/t) and to course graved 5% sub rounded to subaugular gravel probles - coubbs, 1005e PROJECT PROJECT				5/3 HOLE NO.	much acc, lost due to vibration of the rig	

PROJECT	HTW DRILLING LOG			HOLE NO.		
	CP5	INSPECTOR EVA	SHEET 4 OF 37 SHEETS			
ELEV, DEPTH. a b	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
	sity growl(ML): some as above				3/10	h
	silly grand (re): 119ht brown (254RGH) med-course growed 22% grand sub-rounded to subangular					
	sand(sw); reddish yellow(7.54R7/6) fine grained subrounded				4/10	
	I" thin clay layer light gray (751477) med. plastic, 50ft. w/ some silt L2% silt					
	(25'-24')		3			dist are
	accumulated size of 10st jon of 10st 10st of 11st of 1st o				4/10	due to Tig Vibration A base making
FORM 55-2	PROJECT				HOLE NO.	

			HTW DRILLING LOG	(CONT.)		·		HOLE NO.	1
	PROJECT			INSPECTOR EV	P			SHEET S OF 3 7 SHEETS	
	ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS	RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS		
MR	FORM JUN 89		(25'-35') Silty grand (ML); light brown (7.5 YR 6/3) coarse grained sand 5% randed - sub varided [by sand (34); clark gray (5YR 4/)) ine grained sand 5%, 22% silt of some mica & clay 22% elay	đ	e e		4//10	high accompanded but cover to high accompands with the last accompands last accompands a	31 31 31 31 31 31 31 31 31 31 31 31 31 3
IVIFI	▼ JUN 89	35-2	cf5				HOLE NO. といりり	Δ	1.4

ROJECT	HTW DRILLING LOG	BIODECTOR				HOLE NO.
	cP5		VP			SHEET 6 OF 3.7 SHEETS
ELEV. DEP	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
-	- silly sand (sm): sque = s above (60-41.4) - sand (sp): reddish yellow (sYR 7/6) - five grained - sub rounded w/mica				9	difficulty - drilling
					4/5	
-	/4"banks-thin clay(cl) light gray & yR7/1) soft, med plastic					,
	soft, red plastic				4/	
	(40'- 45;5)				1/5	·
	Silty sand (SM); pinkish gray (54R7/2) five grained sub-rounded (50/0 silt w/mica toosa. thin clay(cl); = redish brown (54R5/4) mul. plastic /2" thick				7/10	
	thin sitty soud (4)					
	(45.5'-48') sand(GP): reddish yellow (\$YR66) and pinkish white(7.5YR6/2) fine grained rounded - sub rounded w/mica					
					7/10	
FORM JUN 89 55~	2 PROJECT				HOLE NO.	

	< P >	(CONT.)	HOLE NO. さい、40 SHEET フ		
ELEV. DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	 BLOW COUNTS	OF37 SHEETS REMARKS
	accountated 3' lost core lost core lost core lost fine grained 25% silt 5% sand losse, rounded (55'-56.5') and (5H); yellow (orr 8/c) fine grained rounded - subranded <2% sitt w/some mice (56.5'-57.5') By sand (5M): gray (54R 6/) fine grained 22% silt loose w/some mica and (50): light brown (0.54R 6/3) grained, rounded 1005e PROJECT	0.0	e	7/10	

ROJECT		TTW DRILLING LOG	INSPECTOR EV	EW-14A SHEET &			
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 8' OF 3.7 SHEETS
		sand (SP); same as above	(AD) d	<u>e</u>	<u> </u>		h
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		, to 2					
		accumulated 3'					
	E	Core					
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						7/10	:
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		(58.5 - 65')	0.0				
	15	YR 5/4) five grained soul 5% sil	H 0.0]			: -
		% sand w/color variations		.	-		
	76	(58.5' - 65') Ity sand (SM): reddish brown YR 5/4) five grained sond 5% sil % sand w/color variations ark gray(5YP4/1) and light gray YR 7/1) (51-66)		ļ			
		(1,1)	A .				Į.
				ľ		8.5/	<u>}</u>
	=					8.5/10	-
		(65'-67') Ity sand (SM): reddish yellow (54) Fine grained 2% silt					F
	3 7	s) fine grained 2% silt	R				Ē
	=					.	F
FORM		PROJECT					

OJECT		HTW DRILLING LOG	(CONT.) INSPECTOR				HOLE NO. EW~4p	
LEV.	DEPTH.	DESCRIPTION OF MATERIALS		GEOTECH SAMPLE	ANALYTICAL	BLOW	SHEET 10 OF 37 SHEETS	
a	<u>b</u>	sand (sN): same as about	d d	OR CORE BOX NO.	SAMPLE NO.	COUNTS 9	REMARKS h	
		1334						
	-	(75'-78')				8/10		
		(25'-78') sand (SP): reddish yellow (254R 76) Five grained, loose		·			₩°	
		•						
		(78'-78.7') silty sand (sm): color varietion redaish vellow (7.54R%) and light gray (7.54R%) fine grained 2% silt	_					
	∄	redaish vellow (7.54R %) and light						
	=	10056 10026					1	
	∄							
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						8/10		
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	7	·				7/10		
FORM							į	
UN 89	55-2	PROJECT CRS				HOLE NO.		

SPETT DESCRIPTION OF ANTIFINALS PREDOS PREDOS DESCRIPTION OF ANTIFICAL PROPERTY OF ANTIF	PROJECT	HI	W DRILLING LOG	(CONT.)				HOLE NO.
BED SCREEMS GESTERHAND OF MATERIALS FIELD SCREEMS GESTERHAND ROUND ANALYTICAL ROUND COUNTS FIELD SCREEMS GESTERHAND ROUND ROUND ROUND COUNTS FIELD SCREEMS GESTERHAND ROUND ROUND ROUND ROUND COUNTS FIELD SCREEMS GESTERHAND ROUND ROUND ROUND ROUND ROUND COUNTS FIELD SCREEMS GESTERHAND ROUND			CPS	INSPECTOR EUP				
Silly said (34): Som as abore 7/10 7/10			C	FIELD SCREENING RESULTS	OR CORE BOX NO.	SAMPLE NO.	BLOW COUNTS	REMARKS
			y sand (SM): Same as about	d			7/10	ħ
FORM PROJECT			(79 - a5')	0.0			7/10	

OJECT	TTW DRILLING LOG	INSPECTOR				FW-40
LEV. DEPTH.	C PS DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW	SHEET /2 OF \$.7 SHEETS
a b	DESCRIPTION OF MATERIALS C SITY Sand (SM): gray (7.54R 6/1) Fine grained 2% sith w/some mica 25% soul (G5'-98') Sand (SP): pole brown (104R 6/3) fine grained 22% mica	PID d		ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	REMARKS h
					5/20	

PROJECT		HTW DRILLING LOG	(CONT.)			HOLENO. EW-4D
ELEV.	DEPTH.	EW-4D DESCRIPTION OF MATERIALS	FIELD SCREENING	GEOTECH SAMPLE OR CORE BOX NO.		BLOW	SHEET /3 OF 337 SHEETS
<u>a</u>	b —	Sand (sp): save as above	FID d	e e	SAMPLE NO.	COUNTS	REMARKS h
		\				182	
			7.0			18/20	,
				·		·	
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				·			
			0.0				
				·		18/20	
FORM		PROJECT					
C JUN 89	55-2	CPS				HOLE NO.	

PROJECT	HTW DRILLING LOG	INSPECTOR				HOLE NO. £W~4D SHEET /4
ELEV. DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS P\D d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET /4 OF37 SHEETS REMARKS
	Soud (SP): Save as above (97.5'-114') Sand (SP): dark gray (1048.4/1) Med - coarse grained 22% micq thin clay bands (CL): (7.548.7/1) SOFT, med. plastic				18/20	h
	(97.5'-115.5') Sand (5P): cobr variation pinkish gray (34R 7/2) and middish brown (54R 5/3) and derk gray (54R 4/1) wed to coarse grained grains fine w/ depth	0.0				
					18/20	
5	Sind (SP): dark gray (STR41) five grained Clayey gravel (GC): light brown (7.54R93) coarse grained sop gravel 5% clay (120'-1205') Althy: Sand (SM): reddish brown (STR3/3) sine grained sop sitt w/thin clay(CL) light gray (YR7/1) (1205'-121') and (SP): pinkish gray (SYR7/2) and light gray (SYR7/1) and Cool	٥.٥				
	project (P5				HOLE NO.	

PROJECT	HTW DRILLING LOG	INSPECTOR EUP		·		HOLE NO. EW-40 SHEET (5
ELEV. DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS (PV) d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW	SHEET /5 OF3 7 SHEETS REMARKS
FORM 55-2	PROJECT	0.0			18/20 HOLE NO.	h

ROJECT	CP5	IN	SPECTOR EVP				SHEET 16 OF3.7 SHEETS
ELEV. DEPT	DESCRIPTION OF M		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	REMARKS
FORM 55.	Sand (sp): pinkish of and yellow (loy R 4/1) fine - million (lose, w/some millionse, w/some millionse, w/some millionse)	d.O.	0.0			13/20 HOLE NO.	

JECT		HTW DRILLI CPS	ING LOG	INCRECTOR				HOLE NO. 6W-4D SHEET 17
EV. a	DEPTH.	DESCRIPTION OF	MATERIALS	FIELD SCREENING RESULTS PLD d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF 3 7 SHEETS REMARKS
		sand (sp): som as	above intomo	0.0	<u>e</u>	<u> </u>	9	h
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ROJECT		HTW DRILLING LOG	INSPECTOR EVP				HOLE NO. EW-410 SHEET 18
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS	OR CORE BOX NO.	SAMPLE NO.	BLOW	SHEET 18 OF 3.7 SHEETS
		smd(sp): some as above interval		е		9.	, h
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		(135-1551) silly sand (ST): pinkish gray (25487 2% sill w/clay bands	0.0	·]	·		
	3	silly sand (SM): pinkis), gray (25497)					
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	∄			ĺ		13/20	
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FORM	55-2	PROJECT	<u> </u>	I		HOLE NO.	

ROJECT	T	CRS	IN	SPECTOR EVP				SHEET 19 OF 3 7 SHEETS
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS C		FIELD SCREENING RESULTS P(I) d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
		silly sand (8M): Sad as about	1				9	h
		↓	-				.	
				·			13/20	
		*	ļ				120	
	=	(me) (70 m)						
		(155'- 1595')	_	0.0			İ	
	=	med plastic, soft						
	===	clay (cl): light gray (7.54R 7/1) med plastic, soft (59.5'-160') silty sand (SM): reddish brown (54R 5/3) fine grained 5% siltight w/ nodules - hematik-	-					
	=	(54R 5/3) fine grained 5% sil	lt			ļ		
	\exists	fight w/ nodules me are						
		\downarrow			l	ł		
	\exists					1		1
	=					1		
	\exists					I		
		(160'-162.4')			ł	i		
		(160'-162.4') clay (cL): light gray (35487/1) Same as interval (159.5-160')	1		1	1		
	\exists	Same as interval (159.5-1601)		1		Ì		
		•			ł			
	1	(167.4'-163.5')	İ		1	İ		
	= 5	(162.4'-163.5') silty sand (SM): reddish brown (54R 5/3 fine - coarse grained 5% silt some clayed bands light gray (7.54R 7/1)	,)			1		
	\exists	fine - coarse grained 5% silf					13/20	ŧ
	\exists	(7,54R 7/1)						F
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	3]	ļ		Ė
				0.6				<u> </u>
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FORM	=							

	<u> </u>	CP5	INSPECTOR EVP		· · · · · · · · · · · · · · · · · · ·		SHEET 20 OF 37 SHEETS
LEV. a	DEPTH. b	DESCRIPTION OF MATERIALS C	PID RESULTS	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9.	REMARKS h
		silly sand (sn): same as above					
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	_=				23.7.7 23.7.7	13/20	-
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					100 P		
	=	(163.5'-175)			5/4/06 (Grand was		
	= = = = = = = = = = = = = = = = = = = =	Sand (SP): light brown (7.57R =/3) Fine - need grained rounded SUL-rounded	0.0	[-			****
ŧ		sul-rounded		· · · .		17/20	
	. =					/20	ļ
FORM	55-2	PROJECT			L	HOLE NO.	<u> </u> -

		cPS	INSPECTOR EVP	Total	·		SHEET DI OF 27 SHEETS
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h
		(175'-178') silty sand (5M); color variation reddish yollow (7.54R 7/8) and reddish brown (500) EYR 5/4 light gray (7.54R 7/1) fine - 400 grained 2% silt w/clay (CL) striations light gray (7.54R 7)ad			17/	
		striations light gray (7.57R?	0.0				
		(178'-181') Silly sand (SM): color varietion feddish yellow (7.54R 7/8) and reduish brown (54R 5/4) and dark gray (7.54R 4/1)	\\ \ K				₹ ** ** ** ** ** ** ** ** ** ** ** ** **
						17/20	
			0.0				

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ELEV. DEPTH DESCRIPTION OF MATERIALS PRODUCED SOME AND OR CORE BOX NO. SAMPLE IN COLUMNS PROMPTS FILTY SAND (SM): Same as about 0 0000 0000 0000 0000 0000 0000 0000	PROJECT		HTW DRILLING LOG	(CONT.)				HOLE NO.	
ELEY, a b DESCRIPTION OF MATERIALS OR CORE BOX NO. SAMPLE NO. COUNTS PEMARIS SILLY SAVID (SM): Some as above		T		INSPECTOR EUP	GEOTECH SAMPLE	ANALYTICAL	RI OW	SHEET 23 OF 3 7 SHEETS	_
		Ь	с	RESULTS d	OR CORE BOX NO.	SAMPLE NO.	COUNTS		
			с				! !		
accomplated 31			accomplated as 31				17/20		

PROJECT	·	HTW DRILLING LOG		SPECTOR EUP				HOLE NO. LW-4D SHEET 23
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS	<u></u>	FIELD SCREENING	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF 3.7 SHEETS REMARKS
a		sand (SP): light brown (7.57R6/3) fine - and grained, loose (193.5'-195) silty sand (SM): reddish yellow (SYR8 and pinkish gray (5 YR7/2) w/dan gray 290 silt	(O O	e	Eu -40/195/-35.7 5/9/06 @ 1312 Granduado	17/20	remarks h coegals yo advance chasing
							17/20	
		(195'-199.5') Sond (SP): pirtish gray (34R7/2) with dark gray (54R4/1) strictions thin clay (CL) light gray (54R7/1) bands (199.5'-201') (1144 sand (SP): reddish yellow (34R u) dark gray (54R4/1) strictions w/m 50/0 silt 20/0 sand		0,0		17/20		

ECT		c PS	NSPECTOR EVP				SHEET, 24 OF 37 SHEETS
.V.	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
		silly sand (sm): same as above			<u> </u>	9	В
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	긕		0.0				
	\exists	601-20251)	0.0				
	-	(201'-203.5') silfy sand (5M); meddish yellow (5YR90) w/ thin clay (cl):(7.5YR7/1) bands	-				
	\exists	W/ thin clay (CL): (7.54 R7/1) bands					•
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	\exists	5:" cly(c1):darkgray & (7.5 YR4(1) 509+	1				
	=	G-2 (N 11) 2-71					
						13,	
	=					1/20	
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	╡	(2055'-204.5')				-	· · · · · · · · · · · · · · · · · · ·
	<u></u>	soud (SD) ninkich angula nuo 71)	-				•
		sand (SP)! pinkish gray (7.54R7/2) and light gray (7.54R7/1) flut to med. grained loose					
	\exists	med. grained loose	0.0				
ĺ	\exists						
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	3						
FOR		PROJECT	<u> </u>			HOLE NO.	

:CT	Н	TW DRILLING LOG	INODECTOR		·		HOLENO. EW-4D
· -	· · ·	CP5	FIELD SCREENING	GEOTECH SAMPLE	ANALYTICAL	21.044	SHEET 25 OF 37 SHEETS
EV. a	DEPTH.	DESCRIPTION OF MATERIALS C	RESULTS d	OR CORE BOX NO.	SAMPLE NO.	BLOW	REMARKS h
Ì	= 56	and (sp): Same as above					
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					FN-40/air S/a/os & 1: Groundwate		
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	=	(209.5 - 216')					
	Sav	nd (sp): light gray (7.5787/1)		i		14/20	
	10	nd (Sp): light gray (2.54R7/1) nd pinkish gray (7.54R7/2) fine ned. grained rounded to sub unded	,				
	7 10	m dad		:		·	
	\dashv						
	=					1	
	=					ŀ	
		1/2" thin clay (a)	4				
	=	1/2" thin clay (ch) band light gray 7.54R(7/1) Soft med. plastic		i			
		med plastic					
		V = *****				14/	
						14/20	
FORM	· <u> </u>	upo irm					·
JUNE	ss 55-2	PROJECT CR S				HOLE NO.	10

CAS .	(CONT.)				HOLE NO. EV-4D SHEET 26 OF 37 SHEETS
DECOME AND ADDRESS OF THE PARTY	FIELD SCREENING	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
DESCRIPTION OF MATERIALS SILTY Sand (SM): redlish brown (54R 5/3) fine to med, grained 200 silt 1500 sad loose	0,0	е	J	9	h
3/0 silt 15/0 sad loose					
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2" cky(cl): (7.57871) and dark.					
(7.5487/1) and dark	3'97				
(7.584/1)				1	
	0.0				
				14/20	
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DRM PROJECT				HOLE NO.	

ROJECT	ПІ	W DRILLING LOG	INSPECTOR EUP				HOLE NO. EW-40 SHEET 27 OF 37 SHEETS
ELEY.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF 3 7 SHEETS REMARKS h
_a	5(lt	ly sand (SM); game as above		е		9	
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FOI	1	(220'-238')			L	HOLE NO.	L

ROJECT		ITW DRILLING LOG	INSPECTOR EUP	3			SHEET 28 OF 37 SHEETS
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
a		five grained send, 5% silt w/some mice -> 62% subrow said and raddsh yellow (54R 54R 54riations of clay (CL): light gray (7.54R 4/1) soft w/medium plasticity (238'-241) Sand (SP): very pale brown lork gray wedium grained w/20/0 mice loose, sub rainded	U 16)	e		1870	h
		(241'-247')	0.0			18/20	

OJECT		HTW DRILLING LOO	INSPECTOR END				SHEET 29 OF 37 SHEETS
ELEV. a	DEPTH. b	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS PLD d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9.	REMARKS h
		silty Sand: (SM): reddish yellow (7. and light gray (7.5 YR 2/1) fiver- grained send (5% silt with striations/thin bends of cla light gray (7.5 YR 7/1) and darks (7.5 YR 4/1) 505+ week plasticit	in (cu); gray			120	
			0.0				
	111111111111111111111111111111111111111	accomilated core			_	18/20	
		4-105t	<i>ბ.</i> 0		5/0/00 & ground water		used 200 gals water to odvade 6" casing > 255' BBL
F						HOLE NO.	

OJECT		CPS	INS	SPECTOR EV				SHEET 30 OF 37 SHEETS	
LEV. a	DEPTH.	DESCRIPTION OF MATERIALS		FIELD SCREENING RESULTS P(D) d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h	
	_	Silty sand (SM): same as abo	ૡ				:		
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		↓							
							16.51		
				-		:	/20		
		sand (SP); pale brown (104R6) and redd is h yellow (7.54R76) Sive to coarse grained rome to sub rounded	(3))				·		ŀ
		five to coaise grained row	ted					•	
		to sub rounded							ļ
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En	RM	PROJECT		<u></u>	<u></u>	<u>.</u>	HOLENO	v-4A	_

ECT	HTW DRILLING LOG	INSPECTOR	END			HOLE NO. EVALU SHEET 3/ OF 3.7 SHEETS
V. DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING		ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF 3.7 SHEETS REMARKS
b	C C	RESULTS d	e e	JAMPLE NO.	9	h
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	- fe natules					
:	- for natules, red staining sand					
	(257.5'-266.5') sand (257.5'-266.5') Silfy sand (SM): pinkish gray(7. and light gray (7.54R7/1) fine ned grained 2010 silk 590 sad w/ clay (CL): light gray (7.54R7/1)	SYRA			1.4	
	and light gray (7.54R7/1) fine	10			16.5	
	red grained 20/0 silk 5% sad				/20	
	w/ clay (CL); light gray (754R)	9				
	interbeds					
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	PROJECT	C \$ 5		<u> </u>	HOLE NO.	

ROJECT		HTW DRILLING LOG	(CONT.)				HOLE NO. EW~4D SHEET 3A	
Ī		८ २5	FIELD SCREENING	GEOTECH SAMPLE	ANALYTICAL	BLOW	SHEET 3A OF 37 SHEETS	-
ELEV.	Depth.	DESCRIPTION OF MATERIALS	RESULTS	OR CORE BOX NO.	SAMPLE NO.	COUNTS	REMARKS h	
		silty sad (5M): same as above intermal (265.5' - 275')			EW-40/215/-157 5/10/06 @ generater	16.5	used 200 gals to advance 6"cessing to 275" BGL	
		(265.5'-275') sand (5P): pinkish gray (7.54R7/2) and reddish yellow (54R5/3) fine grained loose 220/0 mica	- 6.6			15/20		
		↓						
							S	
	1		6.0					
						15/20		
							<i>;</i>	
FORI K JUN	M 489 55-	2 PROJECT				HOLE NO.	·4p	/:

ECT		HTW DRILLING LOG		ECTOR EVP			- ·· <u>·</u>	HOLE NO. EW-UY) SHEET 33 OF 37 SHEETS	
V.	DEPTH. b	DESCRIPTION OF MATERIALS	F	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS h	
		sand(sp): same as above interval		ď	ē		9	It	-
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FORI	M 189 55-2	PROJECT CP5	:				HOLE NO.		

ECT		CP5	INSPECTOR EVP				EW-MD SHEET 3.4 OF3.7 SHEETS
٧.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS (PID) d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS h
		sand(sp): same as above justical					
			:			,	
		المدرا					
	=	Jewwellan 1			<u>^</u>		
		accomplated 5'			2 (35) 3		
	_	C			5451 543		used 200 gals the to advance 6" casing to 295 bbL
			·		54.40/095/ 5/10/00 0154 Groundwath	:	the to advance
	=	(275'-293')	0.0		5/10/5 Srav		295 BGL
		(275'-293') Sand (5p): pale yellow (2.54R8/3) and reddish brown (54R5/4) fire to medium grained pounded to sub rom					Washington Market and American
	=	and reddish brown (5485/4) five to	البلد				
		1005e					·
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		•			e e		
	=		.]			17/20	
	\equiv	had as w				. /	- -
	=	(295'-297.4') Clay (cl): light gray (7.5487/1) and reddish yellow (7.5487/8) and plas soft w/silt L29/0 silt	•	1			
		reddish yellow (7.54R7/8) and plas	lic				
		soft w/silt 22% silt					
		•					
	=	•					
	\exists		·				ł
	\exists						
	\exists	(297.41-501) clay(cl): dark gray (7.54R4/1) and gray (7.54R6/1) w/ 5% silt-stri	0.6				
	3	clay(cl): dalk gray (7.54K4/1) and	dius				
		31-7 (10 thy) w/ 5 10 511 C					
	\exists				Ì	17/20	
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FOR		PROJECT				HOLE NO.	· · · · · · · · · · · · · · · · · · ·

ROJECT		HTW DRILLING LO		PECTOR VA	<u> </u>	· ·		HOLE NO. EW-415 SHEET 33 OF 37 SHEETS
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS C		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	OF S SHEETS REMARKS h
	-	clay (cl)! same as above ;	nfewal					
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FORM		PROJECT					HOLE NO.	
K JUN 8	ss 55-2	!	29					1-4D

ROJECT		HTW DRILLING LOG (RDECTOD	· · · · · · · · · · · · · · · · · · ·			HOLENO. EW-41)	_
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW	SHEET 36 OF 37 SHEETS	-
a	b	clay(EL): same as above interpol	RESULTS PID d	e e	JAMPLE NO.	COUNTS 9.	REMARKS h	
	=	CITY CAN DE TO A SOURCE TO THE PERSON OF THE						_
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FORM	, 55-2	PROJECT		<u>.</u> l.		HOLE NO.		厂

CT		HTW DRILLING LOG		PECTOR ENP		· · · · · · · · · · · · · · · · · · ·		FW-4D SHEET 37 OF37 SHEETS
<i>i</i> .	DEPTH.	DESCRIPTION OF MATERIALS	- 1		GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
	\exists	clay (cc): same as above interval					9	h
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00150	A(V2 1 - 2		HTW DRI	LLING	LOG						ENO.
	NY NAME	AIC			2. DRILLING SU b. L	BCONTRACTOR Malur / BJ		ang west		SHE	ET 1
3. PROJE	ECT Clave	mont P	polyclamical Supers	and Site	1	LOCATION		Ç,		10, 3	4 SILLIA
5 NAME	OF DRILLER		H Ostrony	//10	6	Old MANUFACTURER'S	DESIGNAT	L Page,	<u>v y</u>		
C1750 A	1:0 T		T			GUAK F	Hary	Sonic/	Poart Lougy	var	Pic # 10
	ND TYPES O AMPLING EQI		potory conic 4" core barre			. HOLE LOCATION					•
			6" overlide caci			EUROSE ELEVATION		vivy pro	enty, SE of	injec	tion field
			discret interval		Jy "	SURFACE ELEVATION . 16	0,0 1	MSL			
					10	DATE STARTED	- /		11. DATE COMPL	ETED	<u></u>
2 OVERE	SURDEN THI	CKNESS	,			5/16/0			5/19/01	6	· · · · · · · · · · · · · · · · · · ·
		· · · · · · · · · · · · · · · · · · ·	7215'			5. DEPTH GROUNDW	- 98	BGL -			
3 DEPTH	DRILLED IN	TO ROCK	∪NA			B. DEPTH TO WATER			ER DRILLING COME	PLETED	· · · · · · · · · · · · · · · · · · ·
4 TOTAL	DEPTH OF I	HOLE	ລ15'	<u> </u>	17	OTHER WATER LEY	/EL MEASI	UREMENTS (SF	PECIFY)		
GEOTE(CHNICAL SA	MPLES	DISTURBED	UNE	DISTURBED	19. TOTAL NUM	BER OF C	ORE BOXES			
O. SAMPI	ES FOR CUI	EMICAL ANALYS	Ne Voo					NA			
	U Saw			META	us	OTHER (SPECIFY)	OTH	ER (SPECIFY)	OTHER (SPE	CIFY)	2 1. TOTAL COR
	SITION OF H	<u> </u>	×	 							RECOVERY
DISPU	SITION UF H	OLE	BACKFILLED	MONITORIN		OTHER (SPECIFY)	23. SIGI	NATURE OF IN	SPECTOR		
				EW-111	7		L	MAP	TI		
ELEV.	DEPTH b		DESCRIPTION OF MATERIALS	6 .	FIELD SCREE			ANALYTICAL SAMPLE NO.	BLOW COUNTS	F	REMARKS
			brown (7.5 YR3/3) gravel 42% rounded - sub ram 6' - 3.0') 1: reldish brown(5 45% gravel 42%		0.0				5/5		
					0.0						<u> </u>
FORM K JUN	s 55	[]	PROJECT CP 5					I	HOLE NO.	ĘΨ	-110

ROJECT	HTW DRILLING LOG	INSPECTOR EUP				HOLE NO. EU-ILD SHEET 2
ELEV. DEPTH.	DESCRIPTION OF MATERIALS	RESULTS	OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 2- OF 34 SHEETS REMARKS
FORM 55-2	sand (sw): Strong Ironan (1.54R and reddish yellow (7.54R 78) finito coarse grained rainded to angular cobble sized particles	0.0	e		9.5/ 9.5/ 10 HOLE NO.	h

PROJECT		HTW DRILLING LOC	INSPECTOR EUP	<u>/</u>			HOLENO.
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING	G GEOTECH SAMPLE OR CORE BOX NO	ANALYTICAL SAME ENG	BLOW	SHEET 3 OF 34 SHEETS
	ь 	Sand (Gw): reddish brown (54R5) and pinkish gray (7.54R7/2) ind to coarse grained w/gravel rounded to angular	RESULTS d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9 9.5/10	REMARKS h
FORM			0.0		8.	0/10	

PROJECT		TW DRILLING LOG (INSPECTOR EUP	· · · · · · · · · · · · · · · · · · ·			ÊW↑/(♪) SHEET #
ELEV. a	DЕРТН. b			GEOTECH SAMPLE OR CORE BOX NO.	SAMPLE NO.	BLOW COUNTS	SHEET 4 OF 24 SHEETS REMARKS
		accomplated 105th 2' core				8.0/	h
		nd (SW): pinkish gray (7.54R42) d strong brown (7.54R3/8) medi coarse grained rounded to gular	0.0				
	to and	coarse grained rounded to					
						5/10	
		€ Zig			·	710	
			0.0				
			, it				

OJECT		HTW DRILLING LOG	INSPECTOR EUP	INSPECTOR FUD						
LEV. a	DEPTH.	DESCRIPTION OF MATERIALS	RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 5" OF 34" SHEETS			
		sand(sw): save as about inkno	₹ (*19 a	e	1	9.	REMARKS h			
		gravely silt (nL): brownish yellow rounded, soll rounded				5/10				
		(351-381) ad(sw);- reddish yellow (7.5 YR 7/8) edium to coarse grained 25/9/09 land unded								
	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(381-39.51) indi(50); yellowish red (54R9/8) fine raived with <2% silt loose	0.0			8//10				

OJECT		TW DRILLING LOG (POCOTOR			٠.	HOLE NO.
	CPS	 	FIELD SCREENING	GEOTECH SAMPLE	A 8444 2	T	SHEET 6 OF 34 SHEETS
LEV. a	DEPTH. b	DESCRIPTION OF MATERIALS	RESULTS d	OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW	REMARKS
	- 50	nd(sp): same as above	T	e e	1		h h
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	3					8/10	
	\exists		1				
						<u> </u>	
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		this classicit				1	
	3	bands; light	[
		gray (7.54R7/1)					
	\exists	thin clay(ex) bands: light gray (5.5427/1) soft med. plastic					
						· ·	
	7	core				8/10	
				1			
	=			Į			
	#	(39.5'-45') y clay(5M): strong brown (7.5485%) /clay><2% med plastic (45-45.5) d (SP): brownish yallow (04848) grained, lowse, rounded w/mica 22%					
	Silt	y clay (5M); strong brown (7.54R5/8)		l			
	∃ ~/	/clay+22% med plastic		ļ			Ē
	- San	d (SA): brownish yellow (104R4/8)					·
	fine	grained, loose, rounded w/mica		Ì			* drilling becoming
		د۵% ه					difficult-fine
	Ξ				ĺ	7/10	lasse, sand
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	7					7/10	
	3				j	ļ	
FORM		PROJECT				HOLE NO.	
JUN 89	55-2	LPS .				more no.	EW-11D

ROJECT		HTW DRILLING LOG						HOLENO.
JULU.	CP3	<u> </u>	LIN:	SPECTOR EVO				SHEET 7 OF34 SHEETS
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS		FIELD SCREENING RESULTS PLD d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
	1 =	Sand (50); same as above interval		0.0		<u>'</u>	9	h
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	3			:	-			
	-				.			
	=	(45.5'- 56')			ľ	.]		
	-	ilti(ML) !dark aray (7.54R4/1) welavel						
	\exists	reddish brown (54R5/4) med, plastic soft 2% clay						
		50ft 2% clay		1			6/10	
	7					Ì	ļ	
	=	(36'-57.5)		Ì				
	: 5	(36'-57.5') ilty sand (5M): reddish yollow (2.5487/9) ine grained, loose ~ 2% silt w/mica						
	ئا ئ	re grained, loose - 2% silt W/mical						•
	\exists				,			
							9/10	
	7	1		1				-

ROJECT		HTW DRILLING LO		MOCOTOD		·		HOLE NO. EW-ILD
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS C		FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	SAMPLE NO.	BLOW COUNTS	SHEET 8 OF 34 SHEETS REMARKS
		Silty sand (SM)! same as above into	rul	0.0	Đ.	1	5/10	h
			and the second of the second o					•
		(57.5 '-65')					6/10	
		(57.5'-65') ilt(ML): dark gray (isyr4') and yellow (oyr88) and reddish yellow (2.54878) and light gray (7.54871) u/ thin bands of light gray cby (6.5% mica - clay-slight plastic	(1)	0.0			9//10	
FORM	9 55-2	PROJECT C(S)					HOLE NO.	

UECT	HTW DRILLING LOC	ENERGOTOR				HOLE NO.
EV. DEPT	1. DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO	BLOW	SHEET 9 OF 34 SHEETS
EV. DEPTI	DESCRIPTION OF MATERIALS SILT (ML): Sawe as above interest	PLO d	OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	FIEMARKS h
	thin bands of light go of light go (7.548.71) cl (2.1) w/mi (2.1) to (7.548.4) (65'-75') Silty sand (5M): reddish yellow(7.548.7) Fine grained w/ some thin bands light gray (7.548.7) and dark gray (7.548.4) (7.548.4) Silty sand (5M): reddish yellow(7.548.7) Fine grained w/ some thin bands light gray (7.548.7) and dark gray (7.548.41) Slight plastic	5 ray			9/10	

OJECT	<u> </u>	TTW DRILLING LOG	_	$\frac{CONT.)}{EVP}$				HOLE NO.
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS		FIELD SCREENING RESULTS (P.D) d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 10 OF 34 SHEETS REMARKS
		Sand(Sp): same os above inte Sand(Sp): paddish yellow (2.5487/8) a brown (3485/4) fine grained, loose sub rounded 2"-> thin band clay(ci): e clay(ci): e light gray mud. plastic soft	A Company of the comp				9/10	h
		accomplated core		0.0			9/10	
FORM JUN 89	55-2	PROJECT LPS					HOLE NO.	

PROJECT		ITW DRII	LING LO	<mark>G (</mark>	CONT.)				HOLE NO. £W-110
ELEV.	DEPTH.		ON OF MATERIALS		FIELD SCREENING RESULTS (710) d	GEOTECH SAMPLE OR CORE BOX NO e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET / I OF 34 SHEETS REMARKS h
		analof); Sane	as above interval						"
				A section of the first section of the section of th					
				the state of the s					
				A TOTAL TOTAL MARKET THE PLANT OF THE PARTY	0.0				
				And the second s					
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FORM JUN 89	55-2	PROJECT	cps	. Charles appropriately describe				HOLE NO.	w-110

JECT		HTW DRILLING LOG		SPECTOR		·		HOLE NO.
EV.	DEPTH.	DESCRIPTION OF MATERIALS	<u> </u>	FIELD SCREENING RESULTS D O	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	8LOW COUNTS	SHEET /2 OF 34 SHEETS
	<u> </u>	sund (SP): save as above interval	7	0.0	е	1	9	REMARKS h
	=							
		•	1					
		(79'-16')	:				151	
	=	(79'-96') Chy(CL): light gray (7.5 YR 7/1) med plastic med stiff	1				15/	
		ned plastic med stiff						
	=							
	\exists							
		(96'-97.5')		·	·			
	∄	(96'-97.5') Silt (ML): light gray (7.5 YR 7/1) and pinkish gray (3 YR 7/2) and dark gray (7.5 YR 4/1) -/clay med. plastic 2% clay, moist, w/mica	4			·	·	
	-=	(7,64841) -/clay med. plastic						
	\exists	2% day, moist, w/mica	1					
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	7			0.0	ļ.		ĺ	
	=	2" thin clay(c2): F						
	=	2" thin clay(c2): [light gray (1.54R71) med. plastic striction w/dolk gray(7.584) w/mica						
		W/dolk gray (7.584)						
	=	~ / mica						
	\exists					j		
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	\exists						18/20	, ·.
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	目			ŀ				
DRM		PROJECT		<u>t</u>			HOLE NO.	
JN 89	55-2	ر کو خ	1			•	į.	פוויע

PROJECT		HTW DRILLI		(CONT.) NSPECTOR EVP				HOLE NO. FW-11) SHEET 13 OF34 SHEETS
ELEV.	DEPTH.	DESCRIPTION OF I		FIELD SCREENING RESULTS (PID) d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	OF34 SHEETS REMARKS
		(97.51-107 and (SP): Very pale and yellow (10 YR 8/8) sub-rounded w/mica		0.0			18/	n
		and yellow (10 TR 8/8) Sub-rounded w/mica	ned grained	ø, O			18/20	
FORM S JUN 89	55-2	PROJECT CF	·				HOLE NO.	EW-11D

ROJECT		HTW DRILLING LOG	INCRECTOR			<u></u>	HOLE NO.
elev.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET // OF34 SHEETS REMARKS
		sand (sp): same as above interval	(P10) d	е	1	9	h
				,	:	(g)	
			0.0	·			
	5	(107.5'-117') silty sand (SM): peddish yellow (2.54878) w/ some thin clay bands (CL): light gray (7.5 48 7/1) saft, med. plastic)			17/20	
		(117-118.7') clay (c1): dark gray (7.5484/1) very stiff w/some silt-lightgray 25487/1) <2%	-		·		
		18 YR 7/1) <2%					
			<i>O</i> .0				
						17/	
						17/20	

	CP5	. IN	CONT.) SPECTOR EVP				SHEET (5 OF 34 SHEETS
LEV. a	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS FID d	OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
	- clay ((cl): save above interval	0.0	e		17/20	h

PROJECT		HTW DRILLING LOG (NSPECTOR EVE		<u>,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, </u>	<u> </u>	HOLE NO. FW-IJD SHEET 16 OF 34 SHEETS
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	OR CORE BOX NO.	SAMPLE NO.	BLOW COUNTS	REMARKS
		clay (CL): some as about interval	M .	e		17/2 -2	h
					fe tored.		
		occumlated 3'			could not somble due	17/20	
		(18.7'- 136.5')					
		silty sand (S14); pinkish gray (7.548%) light gray (7.548%); peddish brown (5 48 5/4) 22% silt rounded - sub rounded sand w/ some thin (lay bands light gray (7.548%)) (4)				13/20	
FORM	55-2	PROJECT				HOLE NO.	

ECT		HTW DRILLING LO	INSPECTOR				HOLE NO.
V.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS PLD d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 17 OF 34 SHEETS REMARKS
	_	silty saud (sm): same as above i	ntenal	ē	!	9	<u>h</u>
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	\exists	accumulated core					
		10/1 7			1		
ORM		PROJECT				HOLE NO.	· · · · · · · · · · · · · · · · · · ·

ROJECT		HTW DRILLING LO)			HOLE NO.
ELEV.	DEPTH.	CPS DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 18 OF 34 SHEETS
a	ь	Silly sand (SM): San as above	(P1) d	OR CORE BOX NO.	SAMPLE NO.	COUNTS	REMARKS h
		(136.5-155) Silty sand (SM); reddish yellow (SYR7/8) and pinkish gray(7.5 YR rounded, 590 silt, loose fine grained sand	73)		Ew-115/155/52 5/7/66 @ 1020 Gromdwatr	16/20	used 200 gals to alkance 6" casing to 155 BGL
FORM		PROJECT				/20/	

UECT		TTW DRILLING LOG	INSPECTOR FUP				HOLE NO. FW-11D SHEET /9
.EV.	DEPTH. b	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS PID d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET /9 OF 3 4 SHEETS REMARKS
		silty sand (SM): same as above into	val		<u> </u>	9	h h
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FORM		PROJECT				HOLE NO.	

050.55	H	ITW DRILLING LOG					HOLE NO.	<u>-</u>
PROJECT	<u></u>	P5	INSPECTOR FUP				SHEET 20 OF34 SHEETS	
ELEV.	DEPTH. b	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS QUD d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	REMARKS h	
4		illy send (SM)! Same as above interval 2"-> thin clay(ch)! light gray and cosyrell soft plastic soft plastic mad. plastic need.	0.0			16/20	h	
			0.0		EW-110/175/-20 5/17/06 @ 1232 Groundwater	16/20	used aco gals to advance 6" casing -> 175" BGL	
FORM		PROJECT				18/20 HOLE NO.		176
MRK JUN	₈₉ 55-2	(१५					Ew-IIg	

ECT	CRS	TW DRILLING LOG	(CONT.) INSPECTOR EVE				SHEET 3 / OF 3 4 SHEETS
V.	DEPTH. b	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS PLD d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
	= 5	silty sand (EM): save as above intho	e			9	h
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		(155' - 184') y(cb): light gray (25 YR 7/1) W/silt= 9/0 silt) Paxish gray (25 YR 7/2)		ŀ			
	- Clo	y(cb) light gray(25YR 7/1) W/silt To silt) PMXish gray (25YR 7/2)					
		5 / C · m /y					
	3		0.0				
ORM	9 55-2	PRIOJECT ZRS	1 9. 4			HOLE NO.	EW-11p

OUECT	CPS	TW DRILLING LOG	INSPECTOR				FW-11D SHEET 20 OF 34 SHEETS
LEV. a	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
	cl	DESCRIPTION OF MATERIALS C lay (CL): Save as above interval Silt				9 δ/20	h
					Ew-110/190/-35 3/17/06@1427 Groundwater	18/20	used 200 gak to advance 611 casing -7190'
			0.0		5/17/6 Gran	18/20	casing -> 190'

PROJECT		TW DRILLING LOG	INSPECTOR EUP				SHEET 23
ELEV. a	DЕРТН. b	DESCRIPTION OF MATERIALS c lay (cl); same as above interval		GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9.	OF34 SHEETS REMARKS h
					Sarphed @ 185' to 170' due to materials	18/20	used 200 gals to advance 6" cosing -> 190" BOL
		(184" - 1951) Silt (ML)! pinkish gray (7.548.7/2) and reddish yellow (548.7/8) w/som thin bands clay (cu)! light gra (7:548.7/1) soft med. plasticity w/some sand -fine grained 22% sand	y 0.0				
					·	19.51 120	
		· ,					
				·			
						195/	
FORM		PROJECT				HOLE NO.	-

ROJECT	H (な)	TW DRILLING LOG (NSPECTOR AVP			· · · · · · · · · · · · · · · · · · ·	HOLE NO. †W~//) SHEET J4 OF 34 SHEETS
ELEV. a	DEPTH. b	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS PLO d	OR CORE BOX NO.	SAMPLE NO.	BLOW COUNTS	REMARKS
a		(195 - 2071) y(U): reddish brown (54R 541) and ht gray (7.54R 7/1) very stiff d. plastic, donse	PID d	e	JAMPLE NU.	19.5	REMARKS
		Striations (1) to the striation of the striations of the striations of the striation of the	0.0		Ew-110pas/-55 5/7/06 @ 1642 Granduater	19.5/ /20	used 200 gals to advance 6th casing to 203'BGL

DUECT		HTW DRILLING LOG ((CONT.) INSPECTOR EVP				HOLE NO. SHEET 25 OF 34 SHEETS
LEV.	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS PD d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS h
		Clay(CL): same as above interval Silty sand (SM): pinkish white (1088%) and light gray (1.5 487) five grained 5% silt some striations of reddish brown silt (5485%) sand- rounded to sub rounded (215'-218!) Silt (ML): pale ned (1087/3) and light gray (7.5 487/) w/mjca w/thin bands clay (CL): light gray (25487) soft, modium plasticity	0.0		due to clay facoustind	19/20	
			0.0			19/20	

OJECT		HTW DRILLING LOG	INSPECTOR EVP				HOLE NO. SHEET 26 OF 34 SHEETS
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS PLD d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS
	_	Silt (ML): same as above interval		e	!	9	h
		↓		• • •			
:	=		 			19/20	
		(a18'-222') Clay(c1): light gray (5.54871) thick midium plastic w/silt neddish ye (548718) 5% silt	_				
		midium Plastic w/silt meddish ye	lbw				
		(5 YR 7/8) 5% silt	· [•			
				N.			
			·				
		(222'- 223.5') Silt (NL): light gray (7.57R?) slight plastic with alternating bands clay (21): light gray (7.54R?)		, sale			
	\exists	SITT (ML). light gray (7,5727) slight	+				
		clay (el): light gray (5.54R7/1)	·				
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JECT	(PS	TW DRILLING LOG (SPECTOR				HOLE NO. EW-110 SHEET 27
EV.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 2 7 OF 34 SHEETS REMARKS
		It (ML): same as above interval	0.0	ее		9	<u>h</u>
	=			<u> </u> } 		(9/	
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	\exists						
		"clay (cr).					
	∃	6"clay(co) 113hm gray (25) (254271)					
		6.511		,	6.70		
	\exists	accumulated			EW-110/235/-: 5/17/06 @ 0846 Grouduater	19/20	used 200 gals to advance 6" Casing > 23.5" BGL
		103t 0			1011 10 % 10 %	/30	Casing > DZE
	\exists				tw- /19/0,		BGL
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FORM				<u> </u>			
FURM.	s 55-2	PROJECT CPS		; i		HOLE NO.	 -

JECT		HTW DRILLING LOG	INSPECTOR				HOLE NO. FW~//O SHEET 28
LEV. a	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS O d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	OF34 SHEETS REMARKS h
		Sitty Sand (SM); very pale brown (104R 7/4) and light gray (2.57R 7/1) and heddish yallow (7.54R 7/8) fine to medigrained rounded to subrounded 50% silt	0.0			14/20	
			<i>∂.</i> ∂			14/	
						14/20	
					·		
FORM JUN	89 55-2	2 PROJECT				HOLE NO.	EW-11D

DESCRIPTION OF MATERIALS FILD STREEDING OF SOUTH AND SAMPLE IN COURSES PRIMARY SAMPLE IN COURSE	ROJECT		HTW DRILLING LOG ((CONT.) INSPECTOR EMP		· · · · · · · · · · · · · · · · · · ·		HOLE NO. ¿V-/ILD SHEET 29
Silly sand (St): Sand 37 close (1/2) Took (St): 11-15 gray (254) and garined (1/2) 11-15 gray (254) flow and (1/2) 11-15 gray (255) 250,5) Silly sand (St): 11-15 gray (254) flow and (1/2) 11-15 gray (1/2) flow grained sand 5/2 silly (7.5 yr 21) flow grained sand 5/2 silly (7.5 yr 21) flow grained sand 5/2 silly (1/2) flow grained sand 5/2 silly (1/2) flow grained sand 5/2 silly (1/2) flow grained sand 5/2 silly (1/2) flow grained (1/2) flow gra	1	DEPTH.		FIELD SCREENING	OR CORE BOX NO.	SAMPLE NO.	COUNTS	REMARKS
	a		(39/_ 250') rand (59): light gray (7.54R7/1) and, grained loose rounded (250'-250.5') Silty savd (SM): dark rad (254R3/6) and yellowish brown (104R5/8) and light gray (7.54R2/1) fine grained sand 5/25/1	0.0		0/255/-45 @1056 Imoth	14/20	used 200 gals to advance 6"

PROJECT		HTW DRILLING LOG	(CONT.)				HOLE NO. をいわめ
nweo,		C P S	INSPECTOR EVP		·		SHEET 30 OF 34 SHEETS
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS C	PRESULTS	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS	REMARKS h
	_	Sand (SP): same as above interval					
		↓					
	_						
		(255'-258') Silty Sand(SM): reddish brown (54R5/4) and light gray (2.54R71) Fire grained w/thin bads ckey (CL): light gray (2.54R71)	_]				
İ		silty sand(M): redaish brown				16/	
		(54R5/4) and light gray (254R71)		·		18/	
l		clay (CL): light gray (7.5487/1)		*			
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₹K JUN 8	s 55-2	CPS CPS				HOLE NO.	~ ~IID

PROJECT		HTW DRILLING LOG	11005050				HOLENO.	
77100201	,	CPS	EV	<u> </u>			SHEET 3/ OF 3 4 SHEETS	
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS	_ RESULTS	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9.	FIEMARKS h	
a		311ty sand (SM): same as above in		e		18/20		
		Accumulated core.	0.0		5/8/06 @ 1316 5/8/06 @ 1316 groundwater	18/20		

ROJECT		P5	DKILL	<u>ING L</u>		CONT.)				HOLE NO. £W-110 SHEET 32	
ELEV. a	рертн. В			OF MATERIALS		FIELD SCREENING RESULTS O d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 32 OF34 SHEETS	
		sand(s and s graine	P): reddist trong brow trounded	h yellow(, in fine 1 / sove	7.54R7/8) medium mica	0.0			9	h	
									19/20		
						·					
						0.0					
	3	ilt (ML): thin alt (7.5 YR7	(275 - 2 red ish yel whating ba (1) cby (4)	281') How (254R7/1 wds of ligh L)! SOFT mu	8) w/ htgrony red. plastic	,					
			681-78	w1)					·		
FORM	55-2		(281'-28'	4,)					HOLE NO.		

OJECT		HTW DRILLING LOG	(CON1.)		·.		HOLE NO. EW~//D SHEET 33
LEV.	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS PID d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF 34 SHEETS REMARKS
a		clay (CL); strong brown (754R=1/4) and light gray (7.54R7/1) steds stiff, ned. plastic (284'-285') clay (CL); very dark gray (754R3/1) very stiff, dense - med. plastic, U/silt 29/8 and 22% mica		е	1	9 / 20	difficulty advancing 6" (asing advanced 4" core yarrel to clear and clear
		(285-2882)) clay(c1): strong brown (7.54R5/8) med. stiff, med. plastic w/silt (5%) and L2% mica (288.2-289.51) silt(ML): pinkish gray (7.54R7/2) and					
		silt(ML); pinkish gray (2.54R 7/2) and striations of clay(cl): light gray (7.54R7/1) and reddish yallow(7.54R9/8 50ff, madium plastic	0.0			19/	
FORM K JUN 8	39 55-2	PROJECT ∠₹				HOLE NO.	- W-เกษ

	11)
a b SAMPLENO. COUNTS REM/F - silt (HL): same as above interval - (289.5-295)	HEETS
(284.5(-215))	ARKS h
(284.5'-215')	
70= 245	

		Ή	TW DRIL	LING I	LOC	à					HOLE	NO. W-14D
COMPAN	YNAME SAIC			2. D		UBCONTRA					SHEE	T 1
	SAIC				POM		44E4R	··			OF }	SHEETS 34
3. PROJEC									ALE, NY	~		_
		EMICAL	SUPERFUNDS	176					SW OF	BASEBAL	L DIAM	70 NO
	OF DRILLER				1		ACTURER'S DI				+ 10	
	TF OSTER				I		•	ONIC /	BOART LON	GYEAR RIG	410	
	ID TYPES OF DRILLIN		ARY SONIC				OCATION		_	_		
AND SA	MPLING EQUIPMENT	411 6	CORE BAPPLEL			Swy	6 role	1274	SWOF	BASEB	AL D	LAMOND
		6"	OVERIDE CASING				CE ELEVATION					
		Disc	INSTE INTERVAL GW	ASSISMB LY			~ 99.6	, 8				
						10. DATE \$				11. DATE COMP		
•							5-3-	06		5/6/0	<u> </u>	
2 OVERB	BURDEN THICKNESS		!			15. DEPTI	I GROUNDWAT					
	•		> 300 BGL				~ ≥	39'B	GL			
3 DEPTH	DRILLED INTO ROCK					16. DEPTI	TO WATER A	AND ELAF	PSED TIME AFTE	R DRILLING CO	MPLETED	
			0'			**	30	9.71	BGL 5/	10/06 @	0930	<u> </u>
4 TOTAL	DEPTH OF HOLE					17. OTHE	NATER LEVE	EL MEAS	UREMENTS (SPI	ECIFY)		
		3	300' BGL/-20	0.3 AMSL								
8 GEOTE	CHNICAL SAMPLES		DISTURBED	UNDIS	STURBED	19	TOTAL NUME	BER OF C	CORE BOXES			
			None	nov	1 <u>e</u>				none			
20. SAMP	LES FOR CHEMICAL A	NALYSIS	VOC	METAL	s	OTHER	(SPECIFY)	ОТН	IER (SPECIFY)	OTHER (S	SPECIFY)	2 1. TOTAL CORE
10	w samples		X									RECOVERY
•	د المسر		^									NA %
22. DISPO	SITION OF HOLE		BACKFILLED	MONITORING	WELL	OTHER	(SPECIFY)	23. SIG	SNATURE OF INS	PECTOR		
				, f					MALDIS	*		
	·		and the second				•	Ĺ.,	100	<u>"</u>		
B1 514		DEC	COMPANDE MATERIAL C	,		REENING	GEOTECH SA OR CORE 80		ANALYTICAL SAMPLE NO.	BLOW		REMARKS
ELEV. a	DEPTH b	DES	SCRIPTION OF MATERIALS			d d	ON COME BO	/ NO.	SAMPLE NO.	COUNTS		'h
	52.09	SILT (m)	L); BROWN (104124/3)	Marke							DESCRI	070
			CHE DOWNWARDS									WN42EFF
	Med.	to KHE	Grando Losse,	< 2%	1							OLOR
	S∪B	Aravis	2 TO SUB-ROVING	PTD OW	Į.						-	T AND
	79~	きん										س اهی ده
											CLASS	FICHTIN
	I /	/	0-1.3')	-			ĺ					
	1 1		0 11/2				1	- 1	•	ĺ	LILATON	used for
	'		•	1 1						1		
			14 CUT () - Val	(24.156				1			DRILL	124 Friom
	SAND BANK	1, GNOVELL	19 SILT (ML): 46W	10W154							DRILL	- CITY HLO
	Brow	1, GNBVEU N (10411 -	5/4) MOIST LOOSE	To MED.							DRILL	
	Brow	1, GNAVEU N (10411 -	19 SILT (ML): YELL SY) MOIST LOOSE O V. FINE TO FINE OVMOND GNAVEL	To MED.		,					DRILL	
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.							DRILL	
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.						<i>-</i> /	DRILL	
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.		•	-			5/5	DRILLI	- CITT KLO
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.		•				5/5	DRILLI	
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.						5/5	DRILLI	- CITT KLO
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.	, ·					5/5	DRILLIAN TO	- C(T) H20 (0-39Bb)
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- C(T) H20 (0-39 Bb)
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.		,				5/5	DRILLIAN TO DRILLIAN DRY	- C(T) H20 (0-39Bb)
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.		,				5/5	DRILLIAN TO DRILLIAN DRY	- C(T) H20 (0-39 Bb)
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- C(T) H20 (0-39 Bb)
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.	<i>v</i>					5/5	DRILLIAN TO DRILLIAN DRY	- C(T) H20 (0-39 Bb)
	Brow	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.	, , ,					5/5	DRILLIAN TO DRILLIAN DRY	- C(T) H20 (0-39 Bb)
	2-5°9	1, GNAVEU N (10411 -	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- C(T) H20 (0-39 Bb)
	Brow	1, GNBJEU N (1097) , L 540 , SUB-RI	94) MOIST, LOOSE V FINE TO FITE OVEROWO GRAVEL	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- C(T) H20 (0-39 Bb)
	2-5°9	1, GNBJEU N (1097) , L 540 , SUB-RI	94) MOIST, LOOSE V FINE TO FITE OVEROWO GRAVEL	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- CITY H20 (0-39 Bb)
	2-5°9	1, GNBJEU N (1097) , L 540 , SUB-RI	S/4) MOIST, LOOSE O V. FINE TO FIFE	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- CITY H20 (0-39 Bb)
	2-5°9	1, GNBJEU N (1097) , L 540 , SUB-RI	94) MOIST, LOOSE V FINE TO FITE OVEROWO GRAVEL	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- CITY H20 (0-39 Bb)
	2-5°9	1, GNBJEU N (1097) , L 540 , SUB-RI	94) MOIST, LOOSE V FINE TO FITE OVEROWO GRAVEL	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- CITY H20 (0-39 Bb)
	2-5°9	1, GNBJEU N (1097) , L 540 , SUB-RI	94) MOIST, LOOSE V FINE TO FITE OVEROWO GRAVEL	To MED.						5/5	DRILLIAN TO DRILLIAN DRY	- CITY H20 (0-39 Bb)

ROJECT		HTW DRILLING LOG (CONT.)		· 		HOLE NO. EW-14D SHEET 2
	CPS		TODD EAS			·	OF → SHEETS 34
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	REMARKS h
N.	_	SAPOT, GMAVELLY SILT (ML): SAME AS ABOUT					
	-	(1.3 - 5.6)			:		
		CODVELLY CAND (50) 150 (DOWN / 1) FINAD)					
	_ =	2% GROVEL - QTZ, SVB-ROUNDED, FINE TO COARSE SAND, LZ% SILT					
		COARSE SAFE, 227					•
				:			
	, –						
	/ =						
	=	,					•
		(5.6 - 8.0)					
	8				[·		
	,	SAMO (SP). BROWNISM YELLOW (104R 6/8), FINE GRANTOD SAMO TO COMSE, LOSSE, L 196	1				
		RNEGRANEL-GTZ	.]				
					:		
	9	·				,,	
						10/10	
		(8-10.0)					
], =	(8-10.0)					
	ا -	SAro (SP): YELLOW (104R 7/B), FINE GAMMOS,	1				
	=	LOOSE					
], 3						
	\ \(\lambda - \frac{1}{2} \)	*					
						Ì	
	==	ſ	>				
],]						
	/z						
		2% Sub-Achoro and -					,
		Angular art Gravel and					
	13 —	The W CONCLUMN					
	∄						
	▎╡	SANDY GRAVEL (GP): UPTO 10010 V. FINE TO	- ·			.	
-	∄	COARSE SOLD, ROSHOGE TO ANGULAR GRAVEL UP				: .	
FOI		PROJECT	<u> </u>	1	<u> </u>	HOLE NO.	
K Ju	и вэ 55-	2 CPS -					- 14D

1-

	HTW DRILLING LOG	3 (CONT.)	\	-		HOLE NO. EW-14D
ROJECT		INSPECTOR TOO	6109 / EC			SHEET OF 3 SHEETS 34
ELEV.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h
		d d	OR CORE BOX NO.		COUNTS	

JECT		HTW DRILLING LOG					HOLE NO. EW-14D SHEET 4 OF 4 SHEETS 34
-	CPS_		INSPECTOR TODD E	GEOTECH SAMPLE	PT&K ANALYTICAL	: BLOW	
EV. a.	DEPTH.	DESCRIPTION OF MATERIALS c	RESULTS d	OR CORE BOX NO. e	SAMPLE NO.	COUNTS	REMARKS h
	_						
		·				6/10	
	_					110	
	<u> </u>	. ACCUMULATED LOST CORE					
	_	·				,	
	_			. *			
			_ _ }				
		SANOY GROWEL (GP): SAME AS ABOVE					
		·					
						9.2/	
] =					10.	
					·		
		·					
	_			4			
	=					İ	
	_	·					
	=				:		
	_	-clay(c): Pinkish gray (7.5487/2)					
		med plastic. (281-28.51)					
		Confess Property added 12540 16	_				
	_	SAND (SP): REODISK YELLOW (7.54R 6/8) FINE GRAPPO GRADIPL TO FIFE TO MEDIUM, LOSSE				İ	
:							
	=						
							N.
						.	
FOI	L T	PROJECT			<u> </u>	HOLE NO.	

		HTW DRILLING LOG	((CONT.)				HOLE NO. EW-19	
ROJECT	CPS		INS	PECTOR TOOO	ENSY /· l	eo ptak	<u>-</u>	SHEET 5 OF SHEETS 34	
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. 1	BLOW COUNTS 9	REMARKS h	
		SAND (SP) : SAME AS NBOVE		*	<u> </u>				E
	=								F
		Sandy Grandl (GP): Sub founded		-					E
	_=	5102-gravel 40% Fine - coarse sand			·		9.2/		E
•		10058					9,2/		F
									E
		· ·							F
							·		E
_	=		_						F
								-	E
	=	ACCUMULATED LOST CORT							E
				·				end 5/3/06 begin 5/4/06	上
		sandy gravel (GP); same as above						begin 5/4/06	E
		500 (50): 1 6 - 40 4/5 (Size to			·				E
		sand (SP): red (2.5 YR 4/8) Five to med grading-1005e, moist							F
		, , , , , , , , , , , , , , , , , , ,							E
	=								F
		•		,					
	=								E
		i .							
	=								E
		sand (sp): strong brown (2.3 YR 5/2 cuith thin variations - gray (5 YR 5/1) & light gray (5 YR 7/1) Five to med. grading-loose, most	8)		No. b _{rolling}	:			-
	=	Byr 50) & light gray (5 yr 7/1)					10/10		F
		Five to ned grading-1005e, mois	s †				// 0		E
	=	· · · · · · · · · · · · · · · · · · ·				1			F
						• •			E
	=	Segue au							F
		Saturated	abla					·	E
	-								E
	=								F
		1/4" clay bands:	⊢						E
		high plasticity (104 7/1)							E
								•	F
									E
FOR	L T	_ PROJECT					HOLE NO		上
	N 89 55 -	2 Ces					HOLE NO.	1-140	

CT	CP5	HTW DRILLING LOG (0	PECTOR	N.L. /F#	V		EW-141) SHEET 6 211
v.	DEPTH.	DESCRIPTION OF MATERIALS	Told FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF SHEETS 34
y.	b	С	d d	e e	JAMIFLE NO.	9	h h
	1	sand (sp); sawe as above					
	=	·			:		
	\exists						
		·				10/10	
				10/2		, ,,,	
	_ =						
					:		
Ì							
			-			• •	
	_						
		sand (sp): pinkish gray (lor sp) fine to med. grading moist					
		1					
		1" band sandy clay med. plastic light gray (bR 7/1)					
		(PR 7/1)					
						10/10	
	_	(45'-47')				//0	
	· -	sand (SP) ; reddish yellow (7.54R 7/8)					
		(45'-47') sand (5P): reddish yellow (754R 7/8) med -> coorse grain grading, moist, loose veriations -> dark brown (754R 3/3)	1				
		13" Janse clay	.				
	_	band light gray					•
		1000					
			,			<u> </u>	
FOF JUI	я м n 89 55-	PROJECT < PS				HOLE NO.	-14D

ECT	cps	TW DRILLING LOG	INSPECTOR 7000	01./5/	Der		HOLE NO. £W-140
	1 >	0 10		GEOTECH SAMPLE	ANALYTICAL	BLOW	OF SHEETS 34
y, DEP		DESCRIPTION OF MATERIALS C	RESULTS	OR CORE BOX NO.	SAMPLE NO.	COUNTS	REMARKS h
	_ SO	and (sp): same as above					
						·	
'	目						•
	\exists				1		
	7		·]		
			0.0				
	#		0.0		ŀ		
						10/10	
	\exists					710	
	$-\frac{1}{c^{1/2}}$	ay(CL): pinkish aray(7.500 7/2)					
	7~	ay(CL); pinkish gray(7.5 YR 7/2) Jim plastic, dense					
	Ξ				1		
	#						
					44.68 55		
	\exists				35		USED ~ 65
	=				55/4 @0455 TER		GALLONS OF
· ·	コ		1		EW-140/ 55, 5/4/06 @ 06 GRONDWATER		H26 TO
	<u> </u>				140/ 14/06		ADVANCE 6" FROM 45-55"
	_				5/4/0 5/4/0 3 ROUDOL		Bal
	7	(32.4-551)	· ·		E. G.		
-	$\exists \overline{\zeta}$	nd (SP) i redaish yellow (7.5 YR 6/6)	_		<u> </u>		•
	= 4	fine - med, grained grading loose	ł				
.	\dashv	ine - med. grained grading loose with thin dense clay bands: light ray (GLEY 17) med. Plastic					
	<u> </u>	ray (GLEY (7/) med. Plastic				,	
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FORM		PROJECT		<u> </u>		HOLE NO.	

		HTW DRILLING LOG	(CONT.)				HOLE NO.]
ROJECT	c PS		INSPECTOR Todd	Eaby / Educh fo	tal(SHEET & SHEETS 34	1
ELEV. a	DEPTH. b	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS PIO d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	REMARKS h	
	=	sand (sp): save as above			·		<u> </u>	F
			·		•			E
								E
							•	E
					<u>.</u>			E
								E
			0.0		•			E
							-	F
	=====================================							E
	=							F
			<i>i</i>				п	F
	▎∃							F
		(55'-62.7') sand (5P):rcddish brown (2.54R4/4) sine -> med. grained grad <2% Fine (5% med. grain. loose				20,		F
		sand (Sp): reddish brown (2.5 YR 4/4)						Ē
	▎∃	sine -> med. grain loose						F
								E
								E
								E
			0.6					<u> </u>
			·					E
		(62.7'-65.7')						E
		(62.7'-65.7') sand (5P): reddish yellow (7.5 YR 6/8) fine-ned grained grading 5"/o fine L2°/o medium	-					E
		fine-ned grained grading 5% fine 42% nedium				ļ		E
		,						E
								E
								E
								F
		-see next page-		<u> </u>		L,		E
F0F K JUI	n 89 55 -2	-see next page- PROJECT CPS				HOLE NO. よし	· !~14D	

		HTW DRILLING LOG (CONT.)				HOLE NO.	
ROJECT	CPS	IN	SPECTOR LO	aby /Edwin	Pfor K		SHEET 9 OF SHEETS 34]
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h	ļ
		sand (sp): gray (54R6/1), dark gray (54R4/1); brownish yellow (104R6/6) variations of above colors fine to coarse grained grading 22% fine 2% micacrovs -7 <2%	6,0					
						20/20		
		1/4" sandy clay med. plastic light gray (OYR 7/1)						
		(65.7'-75')	0.0		Ew-14D/25'/24B81 5/4/06 @ 1 35 Grandwater		used 100 gals. 136 to advance 6" cos. froma 55'-75'	
		Sand (SP) idark reddish brown 37R(3)3 ned -7 coarse grained grading 5% coarse 2% red moist, loose				18/		

JECT	Cf	HTW DRILLING LOG ((DECTAD	784 · A. i.	· · · · · · · · · · · · · · · · · · ·		FW-140 SHEET 10
ν.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF SHEETS 3 Y
a	b	С	d	е	1	9	h
		· -					
	=	(75.'- 78')					
		sand (SP); strong brown (7.5 YR 5/6) and					•
		roddish yellow (7.54R7/6) and pale hown love (1.54R7/6)					
	=	(75.1-781) sand (8P); strong brown (7.5 YR 5/6) and radish yellow (7.5 YR 7/6) and pale brown (10 YR 6/3) and light gray (7.5 YR 7/1) -medium to coarse grain grading 2% med, 5% coarse	- -	:		. [
		1% wed, 5% coarse					
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FORI	M 189 55-2	PROJECT CPS				HOLE NO.	

	HTW DRILLING L					HOLE NO. EW - 14 D	
OJECT		INSPECTOR			·	SHEET 11 OF SHEETS 34	
ELEV. DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	REMARKS h	
	Sand (SP); same as above		· · · · · · · · · · · · · · · · · · ·		<u> </u>		E
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-	1			15/4 1350 er		VSED ~ 150 CLAUSING	Ϊ
:	1			40/0 100/0		TO ADVANCE GU	F
	3	0.0		£w-140/95/ 5/4/06 @ 135 Groundwater		CASING FROM 75-95 Bal	
	(78'- 95')			£ 12 12 12 12 12 12 12 12 12 12 12 12 12			F
FORM RK JUN 89 55	PROJECT	< P \$			HOLE NO.		
	- 1	~ L 20			1 6	W-14D	

OJECT	HTW DRILLING LOG	(CONT.)				HOLE NO. EW-14D SHEET /2
ELEV. DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS (1D) d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	OF SHEETS 3 4
	sand (SP); light gray (7.5 YR 7/1) and reddish yellow (7.5 YR 7/8) and yellow's red (5 YR 5/8) fine to coarse grained grading 1005e, more coarse w/depth -> 109.5'	h 0.0			18/20	
		0.0				
				EW-14D/105/-5.3' 5-4-06 @ 1627 GAGWINWHTER SAMELE	18/20	USED TO BALLOUS OF HOW TO ADVENUE O' CASING FROM 97-105' BQL

JECT	CPS	ITW DRILLING LOG ((SPECTOR	1 -10			SHEET 13 OF SHEETS 34	1
EV.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS	1
a	b — 5	and (SP): same as above	d	e	. /1	9	h	╆
		1			9 3 3			E
					GROUND			-
			·		5			F
								F
						10.		E
						18/20		E
	_=							E
						·		E
		•						
		,			·			E
			·					E
	=							F
								F
								E
								E
							-	E
		(95'-109')						F
								F
]	clay(CL): pinkish gray(54RG/a) and black (54R 25/1) compact, dense very stiff, dry-marcosie nodules						E
	•	Stiff of y - materage nodules						E
				41 1				E
								E
	. =							E.
	=							F
								E
		*				18/		F
]					/20		E
								E
								E
FOR	<u> </u>	PROJECT				HOLE NO.		上

PROJECT CPS INSPECTOR TO E EVP ELEV. DEPTIN. DESCRIPTION OF MATERIALS FIELD SCRIPTION OF MATE			HTW DRILLING LOG	((CONT.)		··		HOLE NO. EW-14D	· .
REDS SERENBER SERVICE SAMPLE IN DELINE COUNTS FEMALES OF THE PRISE SERVICE SAMPLE IN DELINE COUNTS FEMALES OF THE PRISE SERVICE SAMPLE IN DELINE COUNTS FEMALES OF THE PRISE SERVICE SAMPLE IN DELINE COUNTS FEMALES OF THE PRISE SERVICE SAMPLE IN DELINE COUNTS FEMALES OF THE PRISE SERVICE SAMPLE IN DELINE COUNTS FEMALES OF THE PRISE SERVICE SAMPLE IN DELINE COUNTS FEMALES OF THE PRISE SERVICE SAMPLE IN DELINE COUNTS FEMALES OF THE PRISE SERVICE SAMPLE IN DELINE COUNTS FEMALE IN DELINE	PROJECT	C	ls	INS	SPECTOR F/E	ve		······································	SHEET /4	1
Accomplated (109 \ 1155') Soud (49): yellowish, and (54856) and coldisty vellowish, yellowish, sith, Give - course grained grading loose thin clay layers (cl); light gray (54871): Serick (59): siamish yellow (1078 6) and light gray(648 7/1) six - modium grained 200					FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.		COUNTS	REMARKS	
(155-1175) Soud (EP): yellowish red (SYR56) and reddish yellow (SYR78) silly, Sina - coarse grained grading loose thin clay loyers (cl): light gray (5YR71) (155-1175) Sand (SP): snamish yellow (10YR F6) and light gray (16YR71) sine - modium grained.			Accumulated lost core					18/20		
(15.5-117.5) Soud (P): yellowish red (SVR 56) and reddish yellow (SVR 78) 3114, Fina - coarse grained grading loose while clay loyars (CL): light gray (FYR 71) (15.5-117.5) Soud (SP): themish yellow (DVR FR) and light gray (GVR 71) fine - madium grained 20/20										115
(15.5-119.5) Sand (SP): Gramish yellow (107R FR) and light gray (104R 7/1) fine - medium grained 30/20			(109'- 115.5') soud (P): Yelbwish red (5YR5%) and reddish yellow (5YR7%) silty, fine - coarse grained grading loss thin clay loyers (CL): light gray (5YR7/1):	Se.	·			\2Ω ∆ Φ\		
MRK JUN 89 55-2 PROJECT PROJE	FOR	M	sand (SP): Gramish yellow (10YR 5%) and light gray (10YR 7/1) fine - medium grained							\$ \tag{2}

		HTW DRILLING LOG (HOLE NO. EW-14D	
PROJECT	CPS	IN	SPECTOR TOE	/EVP		<u> </u>	SHEET 15 OF SHEETS 34	
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS	1
a	b	sand (sp): same as above	d	e e	1	9	h	<u> </u> 2 2
		3,444 (54) . 34-4 (43 4600)	:	:				E `
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								E
							•	- - - -
								E
ĺ	=							E
								129
		(119.5 - 124.5 ¹)						E
	6	50 kd (50) light convious 21) 5: 0						
		sand (Sp) light gray (1042 7/1) fine grained - med. grained w/silt loose contains thin clay beds (L): light gray (1072 7/1) <5% silt 2% sand						E
	\exists	contains thin clay beds (L):	·	·				
	=	7/19ht 917 (10 171) <370 sile						F
		270 30						
	\exists							F
		·						- 12c
	\exists	N.						E
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	\exists				GROUND WATER	.		E
	=				18 SR			<u> </u>
FORM MRK JUN	M 189 55-2	PROJECT				HOLE NO.		/3/
		2 CPS				EW	-14 D	

	ŀ	HTW DRILLING LOG	(CONT.)			<u>.</u>	HOLE NO. EW-14D	
PROJECT		°S	INSPECTOR	/EVP		····	SHEET 16 OF SHEETS 34	1
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO. 1	BLOW COUNTS 9	REMARKS h	
		sand (SP): same as above			£-	7/20		13,
		clay (CL): light gray (10 YR 7/2) dense very thick	2		-140/135/-35,3 106 @ comp weter sample			= - - - - - - - - - - - - - - - - - - -
				· · · · · · · · · · · · · · · · · · ·	EW- 5/5/0		USED ~100 GAGO TO APVANCE 6" CASING FROM 115 - 135" BGG end 5/4/06	
							bagin 5/5/06	-/3
						19.57		/5 /5 /5
		(13 ³ -13 ⁹ ')				•]
FOF		(133-1391) Sand(St): gray (5YR 6/1) and to coarse grained grading 10000						
VIRK Jui	км N 89 55-2	PROJECT CPS	***************************************			⊕ MOTE NO	J-14D	75

		HTW DRILLING LOG	(C	CONT.)				HOLE NO. EW-1410	
PROJECT	-	c PS	INSF	PECTOR T	٥Ê	/EVP			SHEET (7 OF SHEETS 34	7
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS C		FIELD SCREENIN RESULTS d	G (GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h	_
		sond (SP): same as above		0.0						
		Introduced sand (SP): fight gray (SYR 7/1) fine-ned grained grading some silt (20/05ilt 50/0 sand, 100Se -7 clay (CL): pinkish gray (5YR 6/2) deuse very little silt (20/0						19.5) SO		
		(141,41-143.81) Sand (SP): color Variations [reddish brown(syrs/s), light gray (Syr 7/), reddi yellow (syrs/s), and light brown (254) (43) Fine to coarse grained grad w/some silt grains coarsen w/de	ζ s k.							
		W/some silt grains coarsen w/do 22% silt 5% sand	prh.	0.0						
		-> 1.5" clay(cl); light gray(7.54) 7/1) soft med, plastic	R	đ				18.5		
FOR IRK	3M N 89 55-	PROJECT C PS		·····				HOLE NO.	, WA	

		HTW DR	ILLING LOG (CONT.)	171868			HOLE NO.	
PROJECT		C PS		SPECTOR DE/EVI	ρ			SHEET 15 OF SHEETS 34	4
ELEV.	DEPTH.	i	RIPTION OF MATERIALS		GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS h	149
		52nd (5P); 50m	e as above	0.0		67.2	19.5		150
		med plastic	-15/.5') H gray w/reddish brown (R7/1 # 5VR5/3) dense 1.5'-152.5') nKish gray(7.5VR9/2) I, micaceous < 2% w/some						
			mulated lost core			EV-14D/155/-55.3 5/5/06 @ 1035 Croudwater sample	18.57	used N 100 gals to advance 6" casing -> 155' BGL	
		Sand ((5 YR 94) - wed with clayde (156.4' Sand(Sw): mixe reddish yellow (1.5 YR 6/4) and o	5-156.4) (Sc), reglish brown (grained loose 22% mice (L) light gray (syr7) (2157) ed color varietion: (17.57R 7/5) and light brown dark gray (5.5/R 4/1) fine aimed grading, loose	-			18/20		156
MRK JUI	IRM JN 89 55-2	PROJE	ECT CPS		L		HOLE NO.		158

ROJECT		CP5	INS	SPECTOR TOE/	EVA			SHEET 19 OF SHEETS 34
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS C		FIELD SCREENING	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h
		Sand (Sw): Some as about						
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ROJECT	(CR5	SPECTOR TDE	/EUP			SHEET SO OF SHEETS 34	7
ELEV. a	DEPTH. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS (PID) d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h	
		sand (5w) same as above						Ŧ
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;	=				1			F
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	2							E
		thin clay(c) bed thing (7.54871) soft - ned. plastic						E
	-=	sost - red, plastic	;					E
ते :	=							E
								E
	=							F
	=	your ore						F
	=	accomplated core			£75.3	18/20		E
	=				EW-14D/1751/-75.3 5/5/06 @	120		F
Ž A	크				14D/ 66 ©			E
	=	•	0,0		E.V. 5/5/		·	E
			-				<u></u>	- -
						15.6		F
						19/20	•	F
	=							F

	ING GEOTECH SAMPLE ANALYTICAL BLO OR CORE BOX NO. SAMPLE NO. COUI e I g	NTS REMARKS
ELEV. DEPTH. DESCRIPTION OF MATERIALS RESULTS a b C C C D	OR CORE BOX NO. SAMPLE NO. COUI	NTS REMARKS
- sand(sw); same as above		
(157'-179') Sand (su): variation in cobr-> Strong brown (7.5 YR 5/6) and light gray (2.5 YR 7/1) and reddish yellow (7.5 YR 7/6) fine - nedium grained grading -loose micaceous < 2% 0.0		

		cp5	INSPECTOR TOE!	ενρ			SHEET 22 OF SHEETS 34
	DEPTH. b	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS Of	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h
			0.0				
		(ral 1911)		·		19/	
		sand(sw); reddish yellow(syR6/6)				/20	
	<u></u>	(1791-1861) sand (Sw): reddish yallow(syr.66) Fine - med. grained grading w/some mica < 2% loose					
		W/500 - 8/9 10000					
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) R#		PROJECT		<u> </u>		HOLE NO.	

ROJECT	HTW DRILLI		PECTOR TOE/	e VP			SHEET 23 OF SHEETS 34	
	PTH. DESCRIPTION OF C	MATERIALS		GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS	
	105t 105t - (186'- 195 - Sand (SW); light 9 ro	۸ ا	0.0		FW-140/195/925 5/5/06 @ 1605 Grundwater	19/20	used ~150 gals. to advance 6" casing 195	
	- Sand (SW); light grained fine - med, grained some mice < 20% to sub rounded	grading w/ loose rounded						
		,						
			, 1			·		
-						18/		
-	(155'-201')		0.0	ı			- - - - - - - - - - - - - - - - - - -	
-	Sond(SP): variation— (SYR7/1) and light br. fine - med grained: (2% silt 5% sand	light gray my (7.5.4 RG/3) w/some silt some mica						
FORM								

ECT	HTW DRILLING LOG	LHODEOTOD	E/EUT	 		SHEET 24 OF SHEETS 34
V. DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING		ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF SHEETS 34 REMARKS
1 b	Sand(SP): same as above	(PIO) d	е е	1	9.	h
ŀ						
<u></u>	↓					
	₫					
į	(bol' - 2041)					
~	- silly sand son' which have leve	5/3				
İ	sifty sand (SM) incodish brown (3YR W/some clay-light gray (5YR 7/ fine - med sand grading < 20/0 silt, 62% clay, 5% sac) }			18/20	
	Sine - ned sand grading				120	
	< 20/0 silt, 42% day, 5% son	k				
	medi plastic					
	d	0.0				
	₫					
	Ⅎ					
	(204'-206')					
	Silty sond (SM) silty slav(SC); and	liet.		:		
	brown (SYR ST) reddish vellow (SYR	7/6				
	Sive to ned grained w/silt	(6)				
	22% silt 25% sad with	;	•		1	
	interbedded clay layers of dark		İ			
—	silty sand (SM) silty clay (SC): redo brown (SYR SYS) Freddish yallow (SYR Sive to need grained w/silt 220/0 silt 250/0 sad with interbedded clay layers of dark gray (SYR 4/1) of light gray (SYR 7/	リ				
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	HTW DRILLING LOG		NSPECTOR EVP		SHEET 35 OF SHEETS 34	1			
V. [DEPTH.	DESCRIPTION OF MA	ATERIALS	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS	REMARKS	1
	- 5/14	y sad(sm): same	as above	0.0					
							18/20		
		accumbated) core		: 	<i>ი</i> -7	,		
		,-			:	0/215/-115.3 @ 0923 ~ tor		end 5/5/06	
	= si H;	y sand(sm); reddisl	h yallow (STR7/8)			\$16/06 @ 5/6/06 @ Greendwa		end 5/5/06 Used~150gals. to advance 6" rasing 195-215" begin 5/6/06	
	- J.J./	y sand(sm); reddish rounded 22% silf e-mod. grained sal	# mica nd					V-3/-1/08	
:				0.0			18/19		
			· · · · · · · · · · · · · · · · · · ·						
		. i	thin 14" clay ((CL): light gray (\$YK7/1)						
			J (C)			,			
								difficulty advancing	
		7						27,	

ROJECT		HTW DRILLING LO	T	INSPECTOR EUP				EW-14D SHEET 26	\dashv
ELEV.	DEPTH.	DESCRIPTION OF MATERIALS	; ;	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF SHEETS 34	
a	ь	clay(cl): reddish brown(so and dark gray(5YR //) unit med. plastic w/some silt L2º/o silt	: ~10 5/s	(PLD) d	е	1	9	h	\pm
	=	and dark gray (SYR 1/1) uni	iatio	<u>/</u>	. '	1 '	1 1	ı	E
,		I med. plastic w/some sil	†		· !	1	1 1	I	F
,		1 62% silt			. !	1 1	1 1	I	E
,		1			1	" '	1 1	1 .	E
}		1			'	1	1 1	1	F
,	=	1			'	1 '	1	I	E
				_	'	1	18/19	1	F
•		clay(CL): very dark gray(GLEY1 31 w/some silt 220/0 silt; very thick, dense clay contains 2% fine grained sand - light (SYR7/1) very little decay wo	(3)	,	·	1 '	1 1	ı	F
,		1 w/some silt 229/0 silt; very	1		'	1	1 1	1.	F
1	=	I thick, dense day contains			· [1	1 1	1	þ.
1	<i>i</i> ∃	1 2% fine grained sand - light	gray	'		1 1	1 1	1	F
1	0	(BYR7/1) very little decay we	200		1	1	1 1	1	F
}	ı ∃	frags.			1	1 1	1	İ	F
					1	1	t I	1	F
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- 1]	İ			'	1	1 1	1	F
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	ł	HTW DRILLING LO	G (CO	NT.)				HOLE NO.]
OJECT		CPS	INSPECTO	R E	υP			SHEET 27 OF SHEETS 34	7
ELEV. a	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD	SCREENING ESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h	
	=	clay (CL): Same as above	0	,0					E
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							10.1		E
							18/19		
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	=								E
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	=							stopped @ 234' due to difficulty in drilling	E
	\exists							in drilling	E
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	\exists								E
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FOR:	м 189 55-2	PROJECT (PS					HOLE NO.	V-140	

CT	1 1	TW DRILLING LOG	INCOCOTOR			·	HOLE NO.
		cts		rup .	T		SHEET 29 OF SHEETS 34
/.	DEPTH. b	DESCRIPTION OF MATERIALS	FIELD SCREENIN RESULTS PLD d	G GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. I	BLOW COUNTS 9	REMARKS h
	751	Ity sand(sm)! same as above					
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OJECT	<u>HIW</u> ۶۶۶	DRILLING LOG	(CONT.) INSPECTOR EVO				HOLE NO. EW-/40 SHEET 30
	PTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW	OF SHEETS 34 REMARKS h
						15/20	
			0,0				
		mulated	•				
		accomplated post core				15/20	
				,	0/265/-1c5.3 © 1452 Juater		used~200gals to advance e"casing-2263
	= siltysa = fine to silt 5	nd (SM): reddish brown EYR515; wed. grained grading 22% 20%	0.0	.:	EW-140/265/ 5/6/06@1452 Grondwater	15/15	. /

ECT		HTW DRILLING LOG	(CONT.) INSPECTOR EVP				HOLE NO. È 11-141) SHEET 31
V.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	OF SHEETS 34 REMARKS
	=	silty sand (SM): same as about		e	ļ	9	h
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		645 251					
	<u>~</u>	(245'-270') clay(cl): pinkish gray (5/R 7/2) 22% silt med. plastic w/some mica	-				
	=	42% silt med, plastic w/some					
		mica					
	\exists			j.			
	=						
	_	,				15/15	
	\exists					/3	
	\exists				İ		
				İ			
	=	(270' - 273.5')					
	<i>6</i> → ,	clay(cL): very derk gray(cley13/3)	-				
		clay(EL): very dark gray(CLET13/3) w/ some sand light gray(57R7/1) 22% sound fine grained					
	=						
							1
RM N 81	• 55-2	PROJECT			<u> </u>	HOLE NO.	~~14 0

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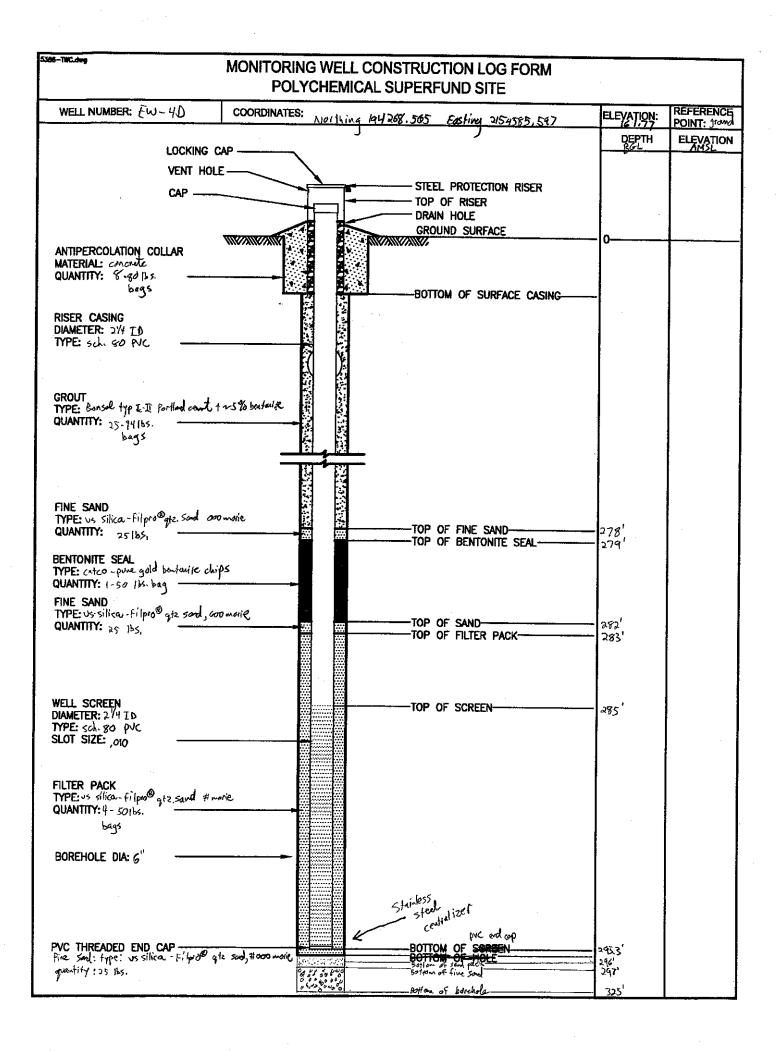
DEPTH.		NOFMATERIALS C	FIELD SCREENING RESULTS 0 d	GEOTECH SAMPLE OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW	SHEET 32 OF SHEETS 34
	clay (ch): sam	e as above	1(4/0) a	е	SAMPLE NO.	COUNTS	REMARKS h
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						115	
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						18/20	
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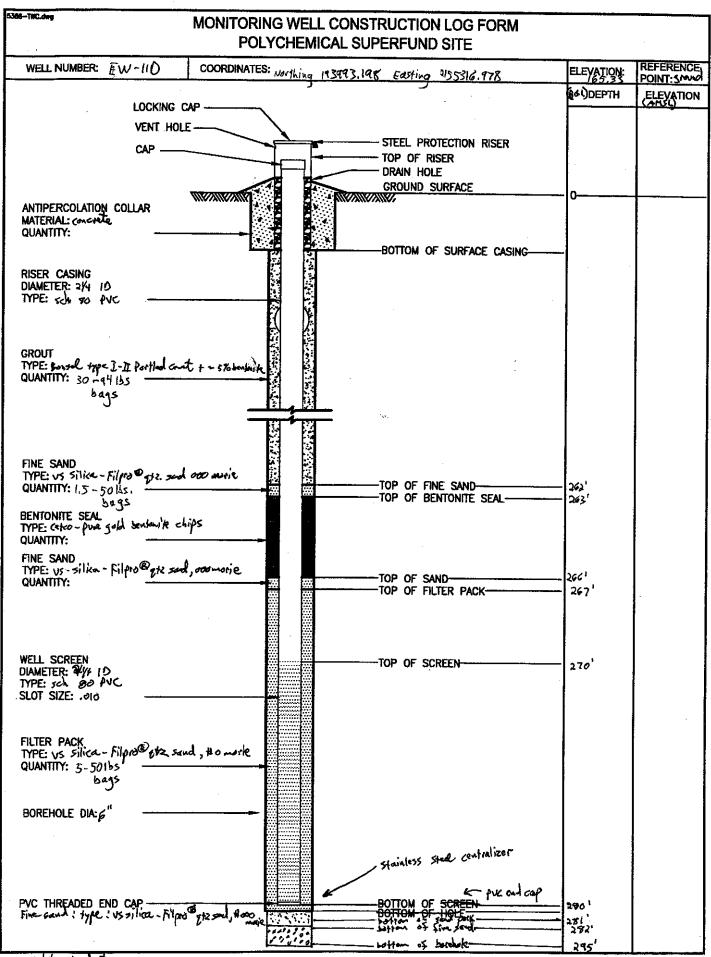
ROJECT		HTW DRILLING LOG	INSPECTOR EVP			<u> </u>	HOLE NO. EW-MO
ELEV, a	DEPTH.	DESCRIPTION OF MATERIALS C	FIELD SCREENING RESULTS P)D d	OR CORE BOX NO.	ANALYTICAL SAMPLE NO.	BLOW COUNTS	SHEET 33 OF SHEETS 34 REMARKS
	4	clay(cu): same as above (273.52-2891) clay(cu); very dark gray (aEY 3/3 W/sand 25% fine grained same very thick, danse	0.0	e		9 (8/20	ħ
FORM		SULFUT odos CO 290.5' BO		ЭĽ		18/20	

ECT	П	TW DRILLING LOG	(CONT.) INSPECTOR EUP				HOLE NO. EW-140 SHEET 34 OF SHEETS 34
۷.	DEPTH.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO.	BLOW COUNTS 9	OF SHEETS 34 REMARKS h
		clay(CL): saw as above					
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					:	18/20	
			14,5	:		,	
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	=======================================	accomplated core			a-ple ials encamened		
		accumulate cont			ک درد کاو		
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	=				to interest of the state of the		
	<u> </u>	(289'-300')			doe to fairth		
		TD@ 300'86L).				end drilling 5/6/06
				in with			3/6/06
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ORM	ss 55-2	PROJECT (P5				HOLE NO.	W-14D

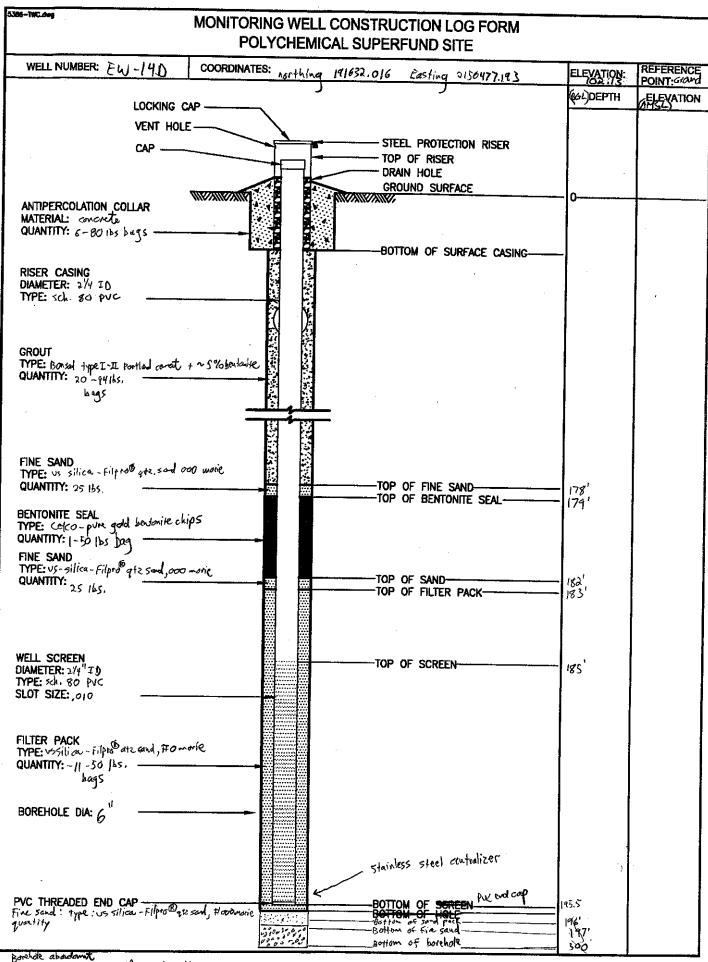
APPENDIX E

Monitoring Well Construction Logs





Book help abordout type: carco spice gold butonile chips guilty: 1-50/bs bag



Type: Cetco - pure gold boutomite chips quantity: 21-50165. bags

APPENDIX F NYSDEC Well Completion Logs

County MASSAV



Well Number <u>N-13563</u>

COMPLETION REPORT—LONG ISLAND WELL

OWINER /		*LOG
Mremout Poly Of	nem Siperfued Sime	
505 Winding ROAD	DID BETTLEACE NY 11804	Ground surface is located Ft. above/below (+)(-) MSL.
LOCATION OF WELL		Top of casing is locatedFt. above/below (+)(-) MSL
DEPTH OF WELL BELOW SURFACE	DEPTH TO GROUNDWATER FROM SURFACE	TOP OF WELL
795	25, 7 CASINGS	
DIAMETER /	· ·	-
6 in. 3.5	in. in. in.	- uld
325 ft. 285	ft. ft. ft.	Diffic
SEALING UB OPENT	CASINGS REMOVED 6	31074
10 9,000	SCREENS	SAUD
MAKE DILL ROSSE LINGUAR	OPENINGS O/6	
DIAMETER DIAMETER		w
LENGTH in.	in. in. in.	600
1.0	ft. ft. ft.	Oct
DEPTH TO TOP FROM TOP OF CASING 288		Clay
	IPING TEST	
DATE	TEST OR PERMANENT PUMP?	571117
DURATION OF TEST	MAXIMUM DISCHARGE	C16
days hot	garana par mini	gist
in. bel	LEVEL DURING MAXIMUM PUMPING in. below top of casing	19700
MAXIMUM DRAWDOWN Approx	mate time of return to normal level after cessation of pumping	
ft.	hours min.	
TYPE 1/1/ MAKE	MODEL NUMBER	
NIT		
MOTIVE POWER MAKE	H.P.	2× 4 2
CAPACITY g.p.m. again		2644
NUMBER OF BOWLS OR STAGES	ft. of discharge head	But Cuys
DROP LINE	ft. of total head	uno
DIAMETER . / / A	DIAMETER ///	282:1
NIME	n. <i>VIA</i> in.	225
LENGTH	LENGTH ft.	#0, ==
METHOD OF DRILLING rotary Cable tool Cother Sull	LICE OF MATER	SAND -
WORK STARTED 5/11/06	COMPLETED	295
DATE / DRILLER	DECOMPANION NO	2 1
6/20/06 DETERMENT	14 Hale REGISTRATION NO.	Bent
levels in each, casings, screens, pump, add	h depth below ground surface, water bearing beds and water tional pumping tests and other matters of interest. Describe	cups
repair job. See Instructions as to Well Drille	r's Registration and Reports.	325

county Soffolk



Well Number <u>S-125212</u>

COMPLETION REPORT—LONG ISLAND WELL

OMBIED O							
OWNER CLAYEMENT Poly	, chem	Superfin	d Sire			*LOG	
ADDRESS Windian Rd	OLD	Bethonce	12/ 110	04		surface is loo below (+)(-)	
LOCATION OF WELL	CID X	es= 1)	Land let	,	Top of c	asing is loca	atedFt.
DEPTH OF WELL BELOW SURFACE	242 80	DEPTH TO GROUND	WATER FROM SURFA	CF.		/below (+)(-) TOP OF WEI	
280		(98.7				
DIAMETER	CAS	INGS					1
6 in. 2.3	in.		in.	in.			SAND
LENGTH 295 ft. 27	Ó ft.		ft.	ft.		See.	SICTY
SEALING C/B GROUT	-	CASINGS REMOVED	64				
	SCR	EENS			, .,.		Some
PUC BOART LING	WPAL	OPENINGS	Olo				
DIAMETER In.	707.1C		[W
LENGTH /O	in.	<u> </u>	in.	in.			DCC
ft.	ft.		ft.	ft.	•		
DEPTH TO TOP FROM TOP OF CASING				:	UB		Clay
	PUMPIN	IG TEST	·				nom/unca
DATE A		TEST OR PERMANE	NT PUMP?	:	900		STUGA
DURATION OF TEST		MAXIMUM DISCHA	ARGE				
days	hours			ns per min.			
STATIC LEVEL PRIOR TO TEST ft. to	in. below op of casing	LEVEL DURING MAX	IMUM PUMPING ft. top	in. below of casing			
MAXIMUM DRAWDOWN		e time of return to norn	nal level after cessation				
ft.	Dilato In	hours		min.			
TYPE (/ a MAKE	PUMP IN	STALLED	MODEL NUMBER	·			
NIT			MODEL NOMBER	>>	260		
MOTIVE POWER MAKE			H.P.		fue snd 26		
CAPACITY	.m. against		ft of disch		Bert		·
NUMBER OF BOWLS OR STAGES	wyumist		ft. of disch	arye nead	SEAL		
				total head	267		
DROP LINE			ICTION LINE		261	•	
DIAMETER AAA	in.	DIAMETER	U/A	in.			270
LENGTH	ft.	LENGTH	0.1	ft.	HO Sand		
METHOD OF DRILLING rotary Cable tool Other	EMIC	USE OF WATER	Unistoring		SHAD		
WORK STARTED 5/12/06	,	COMPLETED	5/19/11-	<u>-</u>	282		280
DATE 6/20/06 DRILLER K	e 8.11	Vola	REGISTRATIO		Bert		
* NOTE: Show log of well materials encoun levels in each, casings, screens, p	ump, addition	al pumping tests and of	ce, water bearing beds ther matters of interest.	and water	240		
repair job. See instructions as to	Well Driller's F	Registration and Reports	s.		295		

county Suffolk



County Suffolk		•)		Wall Number C	5-124772
	COMPLETIC	ON REPORT-	LONG ISLAND			<u> </u>
OWNER MUST	Poly Chem	Superfu	ed SLOE		Ground Surfa	*LOG
505 Winding	FOAD	OLD Bet	rpase N4		EL	ft. above sea
LOCATION OF WELL						ft.
DEPTH OF WELL BELOW SURFA	ACE 195	DEPTH TO GROUND	WATER FROM SURFACE		TOP	OF WELL
DIAMETER	CAS	SINGS				
DIAMETER in. LENGTH	2.5 in.	1	in.	in.		. ,
300 ft.	185 ft.	CASINGS REMOVED	ft.	ft.		GAND
48 918	307		6			Silty.
MAKE-	SCR	EENS OPENINGS				LAND
DIAMETER DOAR	ex Lengyers	Z	1010			301.00
LENGTH in.	in.		in.	in.		W
/O ft.	ft.		ft.	ft.		occ
DEPTH TO TOP FROM TOP OF C	185				C/B	MACI
	PUMPIN	NG TEST			الم م	W'' I
DATE	•	TEST OR PERMANE	NT PUMP?	,	greba	STVINGET-
DURATION OF TEST days	hours	MAXIMUM DISCH		per min.		
STATIC LEVEL PRIOR TO TEST ft.	in. below top of casing	LEVEL DURING MAX	KIMUM PUMPING top o	in. below of casing		
MAXIMUM DRAWDOWN	Approximat ft.	e time of return to norr hours	nal level after cessation o	. 1		
,		STALLED	<u> </u>	min.	176 fs	
TYPE MA	MAKE		MODEL NUMBER	·	But	
MOTIVE POWER	MAKE		H.P.		Clups	
CAPACITY		<u></u>			18255	
NUMBER OF BOWLS OR STAGE	g.p.m. against 3	<u> </u>	ft. of dischar	rge head		185
25021111		<u> </u>		ital head	#0 =	
DIAMETER 1/0		DIAMETER	UCTION LINE		2	
LENGTH / ///	in.	LENGTH	7/4	in.		125
	ft.		·	ft.	197	
	Mother SMC	USE OF WATER	myone		Beut	
WORK STARTED 5/1	106	COMPLETED	15/7/08		Chipa	
6/20/06 DRILL	tellars	Illyde	REGISTRATION OF	LNO.	<i>- U J</i>	
* NOTE: Show log of well material levels in each, casings, repair job. See instruction	screens, pump, addition	al pumping tests and o	other matters of interest. I	nd water Describe	9.	
Topan Job. Oce methodic	and do to frem brings s				300	

APPENDIX G

Groundwater Sampling Logs

Groundy	vater San	npling Log						
		nemical Sup	erfund Si	te				
Giai Giii G		loimour oup	orrana or					
Date		01/06/06		Sampler	CAH			
Well ID		EW-2D			Horiba U-22	2 (site)		
Screen Int	Dth (ft bgs)	150-155		PID	2020 Photo	. ,		
Screen Int E	l (ft amsl)	8-3		Pump	1/2 HP	, ,		
Purge Start	Purge Start			-				
Purge End		1125						
Flow Rate ((gal/min)	15						
Purge Vol (gal)	1155						
Drill vol inte	erval (gal)	150						
PID (ppm)		42.5						
Sample		2 HCI VOAs fo	or VOCs					
Sample Tin	ne	1125						
Comments		38° overcast						
		air bubbles coming up discharge, tried flushing line						
		small bubbles			ow thru, app	ears to be	offgassing	
		air bubbles int						
		taped joints at		mp discharg	ge to stop air	bubbles		
		taping didn't h						
		sample appea	rs to be effe	rvescing				
Time	pН	Con	Tur	DO	Temp	ORP		
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV		
1015		0.204	816	13.36	8.8	142		
1020		0.598	301	13.84	12.3	41		
1025		0.926	80.2	12.85	12.80	65		
1030	5.77	0.937	89.4	12.01	13.10	78		
1035	5.73	0.947	60.7	14.36	13.20	94		
1040	5.69	0.958	57.4	14.75	13.40	109		
1045		0.953	59.3	15.78	13.10	124		
1050	5.65	0.966	493	14.79	13.40	121		
1055		0.968	90.5	15.73	13.50	129		
1100	5.63	0.965	79.8	15.22	13.50	133		
1105		0.969	82.8	15.49	13.40	144		
1110	5.54	0.966	75.3	15.83	13.50	151		
1115	5.54	0.953	69.3	15.57	13.30	156		
1120	5.50	0.960	76.5	16.1	13.30	158		

Groundw	ater Sam	pling Log				
Claremoi	nt Polych	emical Sup	erfund Sit	e		
	-					
Date		01/06/06		Sampler	CAH	
Well ID		EW-2D		WQ Meter	Horiba U-22	2 (site)
Screen Int D	Oth (ft bgs)	170-175		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-12-[-17]		Pump	1/2 HP	
Purge Start		1251				
Purge End		1350				
Flow Rate (gal/min)	12				
Purge Vol (gal)	710				
Drill vol inte	rval (gal)	150				
PID (ppm)		forgot to meas	ure			
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1350				
Comments		42° overcast				
		no air bubbles				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1300	5.77	0.559	199	6.40	13.3	56
1305	5.71	0.61	69.4	5.55	13.6	70
1310	5.59	0.650	32.6	5.66	13.80	105
1315	5.52	0.662	39	5.91	13.90	137
1320	5.48	0.666	34.3	6.07	14.10	151
1325	5.43	0.671	33.9	6.18	14.00	163
1330	5.39	0.676	36.2	6.29	14.00	174
1335	5.36	0.681	38	6.33	14.10	182
1340	5.33	0.685	40.3	6.38	14.00	188
1345	5.31	0.687	41.2	6.43	14.10	192

Groundw	ater Sam	pling Log				
		emical Sup	erfund Sit	:e		
		•				
Date		01/06/06		Sampler	CAH	
Well ID		EW-2D		WQ Meter	Horiba U-22	2 (site)
Screen Int [Oth (ft bgs)	190-195		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-32-[-37]		Pump	1/2 HP	
Purge Start		1520				
Purge End		1605				
Flow Rate (gal/min)	6.5				
Purge Vol (gal)	300				
Drill vol inte	rval (gal)	150				
PID (ppm)		84.3				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1605				
Comments		38° overcast				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1530	5.35	0.431	660	9.61	12.4	147
1535	5.17	0.461	275	4.19	13.2	157
1540	5.05	0.474	69	3.6	13.50	199
1545	5.04	0.480	56.8	3.57	13.70	212
1550	5.00	0.483	48.1	3.64	13.70	219
1555	4.98	0.485	43.9	3.72	13.80	223
1600	4.96	0.486	46.1	3.84	13.90	226

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Sup	erfund Sit	te		
Date		01/07/06		Sampler	CAH	
Well ID		EW-2D		WQ Meter	Horiba U-22	2 (site)
Screen Int [Oth (ft bgs)	210-215		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-52 -[-57]		Pump	1/2 HP	
Purge Start		841				
Purge End		920				
Flow Rate (gal/min)	12				
Purge Vol (gal)	500				
Drill vol inte	rval (gal)	150				
PID (ppm)		140				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	920				
Comments		32° sunny				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
855	5.02	0.504	383	7.91	13.07	206
900	5.03	0.499	109	7.16	13.16	217
905	4.99	0.495	40.3	7.19	13.28	229
910	4.98	0.493	8.6	7.21	13.24	232
915	4.95	0.492	5.6	7.25	13.29	237

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Sup	erfund Sit	e		
		_				
Date		01/07/06		Sampler	CAH	
Well ID		EW-2D			Horiba U-22	2 (site)
Screen Int I	Oth (ft bgs)	230-235		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-72-[-77]		Pump	1/2 HP	
Purge Start		1112				
Purge End		1200				
Flow Rate (gal/min)	11				
Purge Vol (gal)	525				
Drill vol inte	rval (gal)	150				
PID (ppm)		86.6				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1205				
Comments		32° sunny				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1120	5.50	0.17	113	8.48	12.59	68
1125	5.49	0.182	15.4	4.83	13.17	47
1130	5.45	0.184	2.1	5.1	13.21	126
1135	5.38	0.183	3.3	5.28	13.20	154
1140	5.33	0.182	8.3	5.4	13.32	168
1145	5.29	0.181	0	5.47	13.37	178
1150	5.26	0.181	7.9	5.54	13.30	183
1155	5.23	0.180	8.4	5.61	13.30	189
1200	5.21	0.180	8.6	5.67	13.35	193

Groundw	ater Sam	pling Log				
			orfund Cit			
Ciaremoi	nt Polych	emical Sup	eriuna Sii	.e		
D .		0.1/07/00		0 1	0.411	
Date		01/07/06		Sampler	CAH	0 ('')
Well ID		EW-2D			Horiba U-2	, ,
Screen Int D	` ,	250-255		PID	2020 Photo	ovac (site)
Screen Int El	(ft amsl)	-92-[-97]		Pump	1/2 HP	
Purge Start		1316				
Purge End		1420				
Flow Rate (·	12				
Purge Vol (gal)	768				
Drill vol inte	rval (gal)	150				
PID (ppm)		40.7				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1420				
Comments		34° sunny				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1330	5.07	0.224	376	6.52	12.66	159
1335	4.98	0.223	82.8	5.87	12.78	167
1340	4.94	0.222	64.9	5.88	12.77	170
1345	4.84	0.223	27	5.9	12.91	185
1350	4.83	0.223	27.9	5.91	12.93	189
1355	4.80	0.223	20.2	5.92	13.08	200
1400	4.77	0.222	21.6	5.95	13.03	211
1405	4.75	0.222	19.4	5.99	13.06	219
1410	4.73	0.222	22.5	5.97	13.18	222
1415	4.70	0.221	28.2	6.02	13.16	226

Groundw	ater Sam	pling Log							
+		emical Sup	erfund Sit	.e					
Giai Gillo	ic i Giyon	lomour Gup	orrania orr						
Date		01/07/06		Sampler	CAH				
Well ID		EW-2D			Horiba U-2	2 (site)			
Screen Int [Oth (ft bas)	270-275		PID	2020 Photo	, ,			
Screen Int El	, ,	-112-[-117]		Pump	1/2 HP	, ,			
Purge Start	· ,	1600							
Purge End		1740							
Flow Rate (gal/min)	2							
Purge Vol (• ,	250							
Drill vol inte	• ,	150							
PID (ppm)		76.5							
Sample		2 HCI VOAs fo	r VOCs						
Sample Tim	ne	1740							
Comments		32° sunny							
		pumped 50+ g	oumped 50+ gals before inflating packer						
		generator almo	ost out of gas	s at 1730, p	ump surged	, increasing	g turbidity		
		collected samp	ole due to lat	e hour and	all other par	ameters sta	able		
Time	рН	Con	Tur	DO	Temp	ORP			
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV			
1620	5.87	0.146	999	11.19	8.56	52			
1625	6.09	0.174	999	4.71	10	-117			
1630	6.05	0.204	999	3.23	10.53	-201			
1635	5.94	0.243	642	4.43	10.95	-220			
1640	5.96	0.259	405	2.88	11.12	-207			
1645						201			
	5.93	0.275	226	3.03	11.28	-163			
1650	5.93 5.91			3.03 3.1	11.28 11.35				
1650 1655	5.91 5.90	0.275 0.284 0.292	226	3.03 3.1 3.14	11.28 11.35 11.41	-163			
1650	5.91	0.275 0.284	226 173	3.03 3.1	11.28 11.35	-163 -140			
1650 1655	5.91 5.90 5.89 5.86	0.275 0.284 0.292	226 173 144	3.03 3.1 3.14	11.28 11.35 11.41 11.58 11.60	-163 -140 -110			
1650 1655 1700	5.91 5.90 5.89 5.86 5.85	0.275 0.284 0.292 0.300 0.293 0.294	226 173 144 94.7 64 58	3.03 3.1 3.14 3.25 3.17 3.44	11.28 11.35 11.41 11.58 11.60 11.57	-163 -140 -110 -89			
1650 1655 1700 1705	5.91 5.90 5.89 5.86	0.275 0.284 0.292 0.300 0.293	226 173 144 94.7 64 58 49	3.03 3.1 3.14 3.25 3.17	11.28 11.35 11.41 11.58 11.60	-163 -140 -110 -89 -75			
1650 1655 1700 1705 1710 1715 1720	5.91 5.90 5.89 5.86 5.85 5.84 5.83	0.275 0.284 0.292 0.300 0.293 0.294	226 173 144 94.7 64 58 49 67.6	3.03 3.1 3.14 3.25 3.17 3.44 3.48 3.52	11.28 11.35 11.41 11.58 11.60 11.57 11.58 11.67	-163 -140 -110 -89 -75 -62 -49			
1650 1655 1700 1705 1710 1715 1720 1725	5.91 5.90 5.89 5.86 5.85 5.84	0.275 0.284 0.292 0.300 0.293 0.294 0.295 0.295	226 173 144 94.7 64 58 49 67.6 78.2	3.03 3.1 3.14 3.25 3.17 3.44 3.48	11.28 11.35 11.41 11.58 11.60 11.57 11.58 11.67	-163 -140 -110 -89 -75 -62 -49			
1650 1655 1700 1705 1710 1715 1720	5.91 5.90 5.89 5.86 5.85 5.84 5.83	0.275 0.284 0.292 0.300 0.293 0.294 0.295	226 173 144 94.7 64 58 49 67.6	3.03 3.1 3.14 3.25 3.17 3.44 3.48 3.52	11.28 11.35 11.41 11.58 11.60 11.57 11.58 11.67	-163 -140 -110 -89 -75 -62 -49			

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Sup	erfund Sit	te		
Date		01/08/06		Sampler	CAH	
Well ID		EW-2D		WQ Meter	Horiba U-22	2 (site)
Screen Int [Oth (ft bgs)	290-295		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-132-[-137]		Pump	1/2 HP	
Purge Start		919				
Purge End		1010				
Flow Rate (gal/min)	16.7				
Purge Vol (-	850				
Drill vol inte	rval (gal)	175				
PID (ppm)		35.3				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ample Time					
Comments		40° overcast				
		sun out at 940				
		at 940, cleane				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
925	5.54		101	12.46		128
930	5.71	0.121	27.3		_	95
935	5.59	0.121	89.9	8.53		148
940	5.46	0.125	4.2	9.35		162
945	5.48	0.124	9.6	9.07	12.96	171
950	5.46		32.6	9.1	12.97	180
955	5.42	0.122	31.5	8.98		187
1000	5.40	0.122	25.3	8.9		192
1005	5.37	0.121	14	8.83	12.92	194

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Sup	erfund Sit	e		
		_				
Date		01/08/06		Sampler	CAH	
Well ID		EW-2D		WQ Meter	Horiba U-22	2 (site)
Screen Int I	Oth (ft bgs)	310-315		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-152-[-157]		Pump	1/2 HP	
Purge Start		1330				
Purge End		1455				
Flow Rate (gal/min)	2				
Purge Vol (gal)	150				
Drill vol inte	rval (gal)	300 gallons, m	ajority or wa	ter used in t	op 10 ft of i	nterval
PID (ppm)		84.2				
Sample		2 HCI VOAs fo	or VOCs			
Sample Tim	ne	1455				
Comments		42° sunny				
		pumped 70 ga	l before infla	ting packer		
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1355	5.36	0.113	125	9.39	13.34	141
1405	5.15	0.114	44.8	4.13	13.48	115
1410	5.08	0.115	22.5	3.57	13.53	95
1415	5.06	0.115	20.4	3.44	13.63	90
1420	5.04	0.115	27.5	3.3	13.63	85
1425	5.02	0.116	32.9	3.17	13.66	84
1430	5.01	0.116	21.8	3.18	13.56	83
1435	5.00	0.117	29	3.13	13.63	84
1440	4.99	0.117	27.3	3.13	13.47	85
1445	4.99	0.117	15.5	3.08	13.51	88
1450	4.98	0.116	10	3.08	13.66	93

Groundy	vater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Site	е		
Date		05/09/06		Sampler	CAH	
Well ID		EW-4D		WQ Meter	Horiba U-2	2 (site)
Screen Int I	Oth (ft bgs)	170-175		Turbidity	Hach 2100	p, #14576
Screen Int El	(ft amsl)	-10.7-[-15.7]		Pump	1/2 HP	
Purge Start		735				
Purge End		832				
Flow Rate (gal/min)	10				
Purge Vol (gal)	750				
Drill vol inte	erval (gal)	200	200			
Sample		2 HCI VOAs for	2 HCI VOAs for VOCs			
Sample Tim	ne	832				
Comments		55° overcast, b	reezy			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
745	5.11	0.177	999	11.53	15.69	-22
750	5.13	0.186	259	6.83	15.53	-15
755	5.10	0.191	290	6.05	15.43	1
800	5.06	0.193	29.6	5.79	15.38	16
805	5.04	0.196	25.1	5.68	15.30	27
810	5.02	0.197	38.4	5.67	15.26	35
815	5.00	0.199	17.9	5.68	15.18	43
820	4.99	0.200	11	5.71	15.18	49
825	4.97	0.201	12.1	5.72	15.14	56
830	4.98	0.200	0	5.75	15.13	58

Groundy	vater Sam	pling Log				
		emical Supe	erfund Site	 P		
Olai Cillo		Стой бир	Jirana Oit			
Date		05/09/06		Sampler	CAH	
Well ID		EW-4D		•	Horiba U-22	2 (site)
Screen Int I	Oth (ft bgs)	190-195		Turbidity	Hach 2100	
Screen Int El	(ft amsl)	-30.7-[-35.7]		Pump	1/2 HP	•
Purge Start		1220		•		
Purge End		1312				
Flow Rate (gal/min)	5.2				
Purge Vol (gal)	275				
Drill vol inte	rval (gal)	200				
Sample		2 HCI VOAs for	2 HCI VOAs for VOCs			
Sample Tin	ne	1312				
Comments		50° windy, spitt	ting rain			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1230	5.51	0.271	86.3	10.78	15.93	2
1235	5.36	0.317	8.12	4.97	15.45	-37
1240	5.31	0.328	7.12	3.67	15.23	-29
1245	5.27	0.336	6.5	2.79	14.89	-10
1250	5.24	0.339	1.52	2.43	14.87	1
1255	5.22	0.340	1.1	2.19	14.83	11
1300	5.19	0.343	0	2.06	14.77	18
1305	5.16	0.343	1.13	1.96	14.81	24
1310	5.16	0.343	1.13	1.93	14.82	27

Groundw	ater Sam	pling Log				
Claremor	nt Polych	emical Supe	erfund Site	е		
Date		05/09/06		Sampler	CAH	
Well ID		EW-4D		WQ Meter	Horiba U-22	2 (site)
Screen Int D	Oth (ft bgs)	210-215		Turbidity	Hach 2100	p, #14576
Screen Int El	(ft amsl)	-50.7-[-55.7]		Pump	1/2 HP	
Purge Start		1424				
Purge End		1517				
Flow Rate (gal/min)	12.5				
Purge Vol (gal)	660				
Drill vol interval (gal)		200				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	1517				
		1520 dup				
Comments		50° rain letting	up			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1436	4.91	0.227	301	2.76	14.61	77
1445	4.81	0.227	207	5.99	14.57	116
1450	4.79	0.226	21.4	6.76	14.64	148
1457	4.77	0.226	13.4	6.9	14.61	156
1507	4.75	0.226	2.5	7.09	14.60	172
1512	4.74	0.226	3.16	7.15	14.66	177
1517	4.75	0.226	5.39	7.2	14.63	180

Groundw	ater Sam	pling Log				
		emical Supe	erfund Site	е		
Date		05/09/06		Sampler	CAH	
Well ID		EW-4D		WQ Meter	Horiba U-2	2 (site)
Screen Int D	Oth (ft bgs)	230-235		Turbidity	Hach 2100	p, #14576
Screen Int El	(ft amsl)	-70.7-[-75.7]		Pump	1/2 HP	
Purge Start		1639				
Purge End		1820				
Flow Rate (gal/min)	8.5				
Purge Vol (g	gal)	850				
Drill vol inte	rval (gal)	200				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ie	1820				
Comments		50° overcast, w	<i>i</i> ndy			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1648	5.73	0.194	91.6	6.93	18.87	-177
1653	5.88	0.259	16.8	3.56	16.55	-106
1658	5.81	0.272	5.35	2.86	16.03	-73
1703	5.77	0.272	2.6	2.91	15.60	-46
1708	5.7	0.270	1.62	3.15	15.26	-22
1713	5.66	0.269	1.32	3.39	15.13	-9
1718	5.62	0.267	0.75	3.69	15.01	3
1723	5.56	0.263	0.63	4.06	14.93	17
1728	5.53	0.262	0	4.23	14.89	23
1733	5.50	0.259	0	4.47	14.84	32
1738	5.46	0.257	0	4.67	14.80	40
1743	5.42	0.255	0	4.91	14.73	50
1748	5.39	0.253	0	5.11	14.70	59
1753	5.35	0.251	0	5.31	14.67	70
1758	5.33	0.250	0	5.41	14.65	76
1803	5.30	0.248	0	5.54	14.63	87
1808	5.28	0.247	0	5.66	14.60	100
1813	5.26	0.246	0	5.76	14.58	104
1818	5.24	0.245	0	5.85	14.56	110

Groundw	ater Sam	pling Log							
Claremont Polychemical Superfund Site									
		•							
Date		05/10/06		Sampler	CAH				
Well ID		EW-4D			Horiba U-22 (site)				
Screen Int D	Oth (ft bgs)	250-255 Tur		Turbidity	Hach 2100 p, #1457				
Screen Int El	(ft amsl)	-90.7-[-95.7]		Pump	1/2 HP				
Purge Start		817							
Purge End		922							
Flow Rate (gal/min)	4							
Purge Vol (•	260							
Drill vol inte	rval (gal)	200							
Sample		2 HCI VOAs for	r VOCs						
Sample Tim	ie	922							
Comments		52° overcast, li	te breeze						
Time	рН	Con	Tur	DO	Temp	ORP			
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV			
830	5.11	0.203	999	9.68	15.15	52			
840	5.11	0.208	302	5.60	15.23	54			
845	5.08	0.200	38.7	5.57	15.13	71			
850	5.07	0.198	30.9	5.62	15.08	79			
855	5.06	0.195	20.7	5.71	15.07	90			
900	5.04	0.194	19.3	5.77	15.01	97			
905	5.03	0.192	15.6	5.86	14.93	105			
910	5.00	0.191	13.6	5.92	15.01	114			
915	4.99	0.191	1.5	5.96	14.96	118			
920	4.99	0.190	1.12	6	14.93	123			

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Sit	е		
Date		05/10/06		Sampler	CAH	
Well ID		EW-4D		WQ Meter	Horiba U-22 (site)	
Screen Int [Oth (ft bgs)	270-275		Turbidity	Hach 2100	p, #14576
Screen Int El	(ft amsl)	-110.7-[-115.7]		Pump	1/2 HP	
Purge Start		1139				
Purge End		1235				
Flow Rate (gal/min)	3.6				
Purge Vol (gal)	200				
Drill vol inte	rval (gal)	200				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1235				
Comments		50° occasional	mist			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1210	5.48	0.196	264	8.70	15.36	67
1220	5.36	0.195	90	7.32	15.46	56
1225	5.35	0.195	54.4	7.46	15.45	59
1230	5.37	0.194	41	7.52	15.62	63

Groundw	ater Sam	pling Log						
Claremont Polychemical Superfund Site								
		-						
Date		05/10/06		Sample	CAH			
Well ID		EW-4D		WQ Me	Horiba U-22	2 (site)		
Screen Int [Oth (ft bgs)	290-295 Turbidi H		Hach 2100 p, #14576				
Screen Int El	(ft amsl)	-130.7-[-135.7]			1/2 HP			
Purge Start		1412						
Purge End		1543						
Flow Rate (gal/min)	13.1						
Purge Vol (gal)	1200				_		
Drill vol inte	rval (gal)	200						
Sample		2 HCI VOAs for	r VOCs					
Sample Tim	ne	1543						
Comments		60° overcast						
Time	рН	Con	Tur	DO	Temp	ORP		
5 min	± 0.1	±0.020 mS/cm	<50 NTU	.1 or 109	± 0.5 ℃	± 10 mV		
1422	5.93	0.157	2.64	8.78	16.36	-25		
1427	5.9	0.152	1.21	5.66	15.53	0		
1432	5.77	0.146	1.32	5.88	14.95	23		
1437	5.69	0.143	1.21	6.45	14.62	37		
1444	5.59	0.139	0.37	7.09	14.38	54		
1449	5.56	0.137	0	7.3	14.29	61		
1454	5.52	0.136	0	7.55	14.19	72		
1459	5.48	0.134	0	7.73	14.17	80		
1506	5.44	0.133	0	7.86	14.16	90		
1511	5.38	0.132	0	8.11	14.16	100		
1516	5.36	0.132	0	8.35	14.12	106		
1521	5.34	0.132	0	8.44	14.11	113		
1526	5.32	0.131	0	8.53	14.08	120		
1531	5.30	0.130	0	8.58	14.06	126		
1536	5.28	0.130	0	8.63	14.04	131		
1541	5.26	0.129	0	8.69	14.02	136		

Groundw	ater Sam	pling Log				
		emical Sup	erfund Sit	:e		
Date		12/15/05		Sampler	CAH	
Well ID		EW-10D		WQ Meter	Horiba U-22 (site)	
Screen Int [Oth (ft bgs)	130-135		PID	2020 Photovac (site	
Screen Int El	(ft amsl)	24-29		Pump	1/2 HP	
Purge Start		731				
Purge End		830				
Flow Rate (18	<1			
Purge Vol (gal)	220	@741			
PID (ppm)		0				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	835				
Comments		20° partly suni	ny			
		purge water in				
		120 gal used f	or drilling			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
745	5.39	0.259	444	9.57	12.7	35
750	5.6	0.257	269	6.74	13	27
755	5.60	0.258	286	6.65	12.50	29
800	5.65	0.263	301	8.28	12.90	22
805	5.69	0.268	115	7.24	13.40	20
810	5.70	0.271	75.9	6.89	13.50	24
815	5.70	0.268	48.9	6.6	13.60	31
820	5.67	0.269	39.7	6.45	13.70	40
825	5.63	0.269	34.1	6.57	13.60	48
830	5.63	0.268	31.7	6.32	13.40	49

Groundw	ater Sam	pling Log					
		emical Sup	erfund Sit	:e			
	,						
Date		12/15/05		Sampler	CAH		
Well ID		EW-10D		WQ Meter	Horiba U-2	2 (site)	
Screen Int [Screen Int Dth (ft bgs)				2020 Photo	tovac (site)	
Screen Int El		4-14		Pump	1/2 HP		
Purge Start		1017		-			
Purge End		1150					
Flow Rate (gal/min)	10	5				
Purge Vol (gal)	555	@1035				
PID (ppm)		9.7					
Sample		4 HCI VOAs fo	r VOCs				
Sample Tim	ne	1150					
		dup 1153					
Comments		27° sunny					
		145 gal used o	during drilling	<u> </u>			
Time	pН	Con	Tur	DO	Temp	ORP	
	ρ	0011	Tui	טע		UKP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 °C	± 10 mV	
<i>5 min</i> 1035	-						
1035 1040	± 0.1 5.75 5.76	±0.020 mS/cm	<50 NTU 478 475	0.1 or 10%	± 0.5 ℃	± 10 mV 51 28	
1035 1040 1045	± 0.1 5.75 5.76 5.79	±0.020 mS/cm 0.158 0.171 0.187	<50 NTU 478 475 148	0.1 or 10% 10.26 6.31 6.08	± 0.5 ℃ 13.2 13.7 13.90	± 10 mV	
1035 1040 1045 1050	± 0.1 5.75 5.76 5.79 5.80	±0.020 mS/cm 0.158 0.171	<50 NTU 478 475 148 183	0.1 or 10% 10.26 6.31 6.08 5.54	± 0.5 ℃ 13.2 13.7 13.90 14.10	± 10 mV 51 28	
1035 1040 1045 1050 1055	± 0.1 5.75 5.76 5.79 5.80 5.75	±0.020 mS/cm 0.158 0.171 0.187	<50 NTU 478 475 148	0.1 or 10% 10.26 6.31 6.08 5.54	± 0.5 °C 13.2 13.7 13.90 14.10 14.30	± 10 mV 51 28 17	
1035 1040 1045 1050 1055 1100	± 0.1 5.75 5.76 5.79 5.80 5.75 5.72	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.197 0.194	<50 NTU 478 475 148 183 184 90.8	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45	± 0.5 °C 13.2 13.7 13.90 14.10 14.30 14.40	± 10 mV 51 28 17 7 17	
1035 1040 1045 1050 1055 1100	± 0.1 5.75 5.76 5.79 5.80 5.75 5.72 5.69	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.197 0.194 0.191	<50 NTU 478 475 148 183 184 90.8 75.5	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45	± 0.5 °C 13.2 13.7 13.90 14.10 14.30 14.40 14.40	± 10 mV 51 28 17 7 17 26 37	
1035 1040 1045 1050 1055 1100 1105	± 0.1 5.75 5.76 5.79 5.80 5.75 5.72 5.69 5.65	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.197 0.194 0.191 0.187	<50 NTU 478 475 148 183 184 90.8 75.5	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45 4.42	± 0.5 °C 13.2 13.7 13.90 14.10 14.30 14.40 14.40 14.50	± 10 mV 51 28 17 7 17 26 37 49	
1035 1040 1045 1050 1055 1100 1105 1110	± 0.1 5.75 5.76 5.79 5.80 5.75 5.72 5.69 5.65	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.197 0.194 0.191 0.187	<50 NTU 478 475 148 183 184 90.8 75.5 65 26.3	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45 4.42 4.33	13.2 13.7 13.90 14.10 14.30 14.40 14.40 14.50 14.50	± 10 mV 51 28 17 7 17 26 37 49 56	
1035 1040 1045 1050 1055 1100 1105 1110 1115	± 0.1 5.75 5.76 5.79 5.80 5.75 5.72 5.69 5.63 5.59	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.197 0.194 0.191 0.187 0.187	<50 NTU 478 475 148 183 184 90.8 75.5 65 26.3 27	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45 4.33 4.46 4.53	± 0.5 °C 13.2 13.7 13.90 14.10 14.30 14.40 14.50 14.50 14.50	± 10 mV 51 28 17 7 17 26 37 49 56 67	
1035 1040 1045 1050 1055 1100 1105 1110 1115 1120	± 0.1 5.75 5.76 5.79 5.80 5.75 5.72 5.69 5.65 5.63 5.59	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.197 0.194 0.191 0.187 0.187 0.187	<50 NTU 478 478 475 148 183 184 90.8 75.5 65 26.3 27 17.2	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45 4.42 4.33 4.46 4.53 4.45	± 0.5 °C 13.2 13.7 13.90 14.10 14.30 14.40 14.50 14.50 14.50 14.30	± 10 mV 51 28 17 7 17 26 37 49 56 67 76	
1035 1040 1045 1050 1055 1100 1105 1110 1115 1120 1125	± 0.1 5.75 5.76 5.79 5.80 5.75 5.72 5.69 5.65 5.63 5.59 5.57	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.197 0.194 0.191 0.187 0.187 0.185 0.185	<50 NTU 478 478 475 148 183 184 90.8 75.5 65 26.3 27 17.2 38	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45 4.42 4.33 4.46 4.53 4.45	13.2 13.7 13.90 14.10 14.30 14.40 14.50 14.50 14.50 14.30 14.40	± 10 mV 51 28 17 7 17 26 37 49 56 67 76	
1035 1040 1045 1050 1055 1100 1105 1110 1115 1120 1125 1130	± 0.1 5.75 5.76 5.79 5.80 5.72 5.69 5.65 5.63 5.59 5.57 5.54 5.51	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.194 0.191 0.187 0.187 0.185 0.184 0.182	<50 NTU 478 478 478 148 183 184 90.8 75.5 65 26.3 27 17.2 38 21.5	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45 4.42 4.33 4.46 4.53 4.45 4.56 4.71	13.2 13.7 13.90 14.10 14.30 14.40 14.50 14.50 14.30 14.40 14.40	± 10 mV 51 28 17 7 17 26 37 49 56 67 76 85	
1035 1040 1045 1050 1055 1100 1105 1110 1115 1120 1125 1130 1135	± 0.1 5.75 5.76 5.79 5.80 5.72 5.69 5.65 5.63 5.59 5.57 5.54 5.49	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.194 0.191 0.187 0.187 0.188 0.184 0.182 0.182	<50 NTU 478 478 475 148 183 184 90.8 75.5 65 26.3 27 17.2 38 21.5 15.4	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45 4.42 4.33 4.46 4.53 4.45 4.56 4.71	13.2 13.7 13.90 14.10 14.30 14.40 14.50 14.50 14.50 14.30 14.40 14.40	± 10 mV 51 28 17 7 17 26 37 49 56 67 76 85 92	
1035 1040 1045 1050 1055 1100 1105 1110 1115 1120 1125 1130	± 0.1 5.75 5.76 5.79 5.80 5.72 5.69 5.65 5.63 5.59 5.57 5.54 5.51	±0.020 mS/cm 0.158 0.171 0.187 0.190 0.194 0.191 0.187 0.187 0.185 0.184 0.182	<50 NTU 478 478 478 148 183 184 90.8 75.5 65 26.3 27 17.2 38 21.5	0.1 or 10% 10.26 6.31 6.08 5.54 5.1 4.45 4.42 4.33 4.46 4.53 4.45 4.56 4.71	13.2 13.7 13.90 14.10 14.30 14.40 14.50 14.50 14.30 14.40 14.40	± 10 mV 51 28 17 7 17 26 37 49 56 67 76 85	

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Sup	erfund Sit	te		
		_				
Date		12/15/05		Sampler	CAH	
Well ID		EW-10D		WQ Meter	Horiba U-22 (site)	
Screen Int I	Oth (ft bgs)	210-215		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-56 to -51		Pump	1/2 HP	
Purge Start		1453				
Purge End		1530				
Flow Rate (gal/min)	16				
Purge Vol (gal)	592				
PID (ppm)		14.7				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1535				
Comments		28° overcast				
		125 gal used o	during drilling	1		
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1505	5.43	0.183	12.9	7.54	12.8	168
1510	5.32	0.18	5.6	5.75	13.2	187
1515	5.27	0.178	3.7	5.74	13.2	195
1520	5.23	0.176	3.5	5.78	13.2	200
1525	5.20	0.175	3.5	5.81	13.2	203
1530	5.19	0.173	3.9	5.84	13.2	204

Groundy	ater Sam	pling Log					
			aufunad Cid	-			
Ciaremo	nt Polycn	emical Sup	ertuna Sii	e			
D .		40/40/05		0 1	0411		
Date		12/16/05		Sampler	CAH	- / I: \	
Well ID		EW-10D			Horiba U-22	` '	
Screen Int [` ,	230-235		PID	2020 Photo	vac (site)	
Screen Int El	,	-71-[-76]		Pump	1/2 HP		
Purge Start		1359					
Purge End		1500					
Flow Rate (gal/min)	4.5					
Purge Vol (gal)	305					
PID (ppm)		2.2					
Sample		2 HCI VOAs fo	r VOCs				
Sample Tim	ne	1500					
Comments		45° sunny					
		125 gal used for	or drilling				
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1410	5.36	0.163	243	8.46	14.5	10	
1415	5.16	0.176	125	6.51	14.6	57	
1420	5.09	0.180	116	6.17	14.5	72	
1425	5.05	0.186	85	5.82	14.40	82	
1430	5.01	0.193	27.3	6.09	14.50	90	
1435	5.04	0.196	34	5.92	14.40	99	
1440	4.99	0.200	19	5.94	14.30	108	
1445	4.99	0.202	19	5.86	14.20	112	
1450	4.97	0.204	18.3	5.82	14.30	119	
1455	4.97	0.206	17.7	5.79	14.30	122	

Groundw	ater Sam	pling Log				
		emical Sup	erfund Sit	:e		
Date		12/17/05		Sampler	CAH	
Well ID		EW-10D		WQ Meter	Horiba U-2	2 (site)
Screen Int [Oth (ft bgs)	250-255		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-91-[-96]		Pump	1/2 HP	
Purge Start		758				
Purge End		845				
Flow Rate (gal/min)	7.5				
Purge Vol (gal)	350				
PID (ppm)		0				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	850				
Comments		28° partly clou	ıdy			
		125 gal used to	o drill			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
805	5.25	0.13	75.7	8.36	13.6	-15
810	5.42	0.139	67.9	5.91	13.6	-6
815	5.40	0.155	11.9	5.76	13.50	12
820	5.34	0.160	5.3	5.94	13.50	44
825	5.27	0.160	5.8	6.11	13.40	66
830	5.22	0.159	2.8	6.74	13.50	85
835	5.19	0.158	3.1	6.36	13.40	91
840	5.16	0.158	3.6	6.39	13.40	97
845	5.13	0.157	4.5	6.36	13.40	100

Grounaw	ater Sam	pling Log					
Claremoi	nt Polych	emical Sup	erfund Sit	e			
		_					
Date		12/17/05		Sampler	CAH		
Well ID		EW-10D		WQ Meter	Horiba U-22	2 (site)	
Screen Int D	Oth (ft bgs)	270-275	PID 2020 Photovac (site)				
Screen Int El	Screen Int El (ft amsl) -111-[-116]			Pump	1/2 HP		
Purge Start		1019					
Purge End		1145					
Flow Rate (gal/min)	2					
Purge Vol (gal)	175					
PID (ppm)		0					
Sample		2 HCI VOAs fo	r VOCs				
Sample Tim	ne	1150					
Comments		32° sunny					
		125 gal used o	luring drilling				
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1030	6.12	0.102	417	10.70	40 -		
	0.12	00_	417	10.79	10.7	60	
1035	6.32	0.106	999	8.51	10.6	55	
1035 1040				8.51 6.34	10.6 11.40		
	6.32	0.106	999	8.51 6.34 7.29	10.6	55	
1040	6.32 5.80	0.106 0.118	999 581	8.51 6.34	10.6 11.40	55 83	
1040 1045	6.32 5.80 5.58	0.106 0.118 0.126	999 581 179	8.51 6.34 7.29	10.6 11.40 11.60	55 83 74	
1040 1045 1050 1055 1100	6.32 5.80 5.58 5.50 5.47 5.43	0.106 0.118 0.126 0.129	999 581 179 149	8.51 6.34 7.29 7.38	10.6 11.40 11.60 11.70 12.20 12.10	55 83 74 86	
1040 1045 1050 1055	6.32 5.80 5.58 5.50 5.47	0.106 0.118 0.126 0.129 0.129	999 581 179 149 165	8.51 6.34 7.29 7.38 7.6	10.6 11.40 11.60 11.70 12.20	55 83 74 86 103	
1040 1045 1050 1055 1100	6.32 5.80 5.58 5.50 5.47 5.43 5.43	0.106 0.118 0.126 0.129 0.129 0.129	999 581 179 149 165 152	8.51 6.34 7.29 7.38 7.6 7.78	10.6 11.40 11.60 11.70 12.20 12.10 12.30 12.40	55 83 74 86 103 118	
1040 1045 1050 1055 1100 1105 1110	6.32 5.80 5.58 5.50 5.47 5.43 5.43 5.41 5.39	0.106 0.118 0.126 0.129 0.129 0.129 0.129	999 581 179 149 165 152	8.51 6.34 7.29 7.38 7.6 7.78	10.6 11.40 11.60 11.70 12.20 12.10 12.30 12.40	55 83 74 86 103 118 126 135 143	
1040 1045 1050 1055 1100 1105 1110 1115	6.32 5.80 5.58 5.50 5.47 5.43 5.43 5.41 5.39	0.106 0.118 0.126 0.129 0.129 0.129 0.129 0.128 0.128 0.127	999 581 179 149 165 152 144	8.51 6.34 7.29 7.38 7.6 7.78 7.9 8.05 8.03	10.6 11.40 11.60 11.70 12.20 12.10 12.30 12.40 12.30 12.70	55 83 74 86 103 118 126 135 143	
1040 1045 1050 1055 1100 1105 1110	6.32 5.80 5.58 5.50 5.47 5.43 5.43 5.41 5.39	0.106 0.118 0.126 0.129 0.129 0.129 0.129 0.128 0.128	999 581 179 149 165 152 144 129	8.51 6.34 7.29 7.38 7.6 7.78 7.9 7.89 8.05	10.6 11.40 11.60 11.70 12.20 12.10 12.30 12.40	55 83 74 86 103 118 126 135 143	
1040 1045 1050 1055 1100 1105 1110 1115 1120 1125 1130	6.32 5.80 5.58 5.50 5.47 5.43 5.43 5.41 5.39	0.106 0.118 0.126 0.129 0.129 0.129 0.129 0.128 0.128 0.127	999 581 179 149 165 152 144 129 125	8.51 6.34 7.29 7.38 7.6 7.78 7.9 8.05 8.03	10.6 11.40 11.60 11.70 12.20 12.10 12.30 12.40 12.30 12.70 13.00 12.90	55 83 74 86 103 118 126 135 143	
1040 1045 1050 1055 1100 1105 1110 1115 1120	6.32 5.80 5.58 5.50 5.47 5.43 5.43 5.41 5.39 5.38	0.106 0.118 0.126 0.129 0.129 0.129 0.129 0.128 0.128 0.127 0.127	999 581 179 149 165 152 144 129 125 113	8.51 6.34 7.29 7.38 7.6 7.78 7.9 7.89 8.05 8.03 8.06	10.6 11.40 11.60 11.70 12.20 12.10 12.30 12.40 12.30 12.70 13.00	55 83 74 86 103 118 126 135 143 150 155	
1040 1045 1050 1055 1100 1105 1110 1115 1120 1125 1130	6.32 5.80 5.58 5.50 5.47 5.43 5.43 5.41 5.39 5.38 5.37	0.106 0.118 0.126 0.129 0.129 0.129 0.128 0.128 0.127 0.127	999 581 179 149 165 152 144 129 125 113 102	8.51 6.34 7.29 7.38 7.6 7.78 7.9 7.89 8.05 8.03 8.06	10.6 11.40 11.60 11.70 12.20 12.10 12.30 12.40 12.30 12.70 13.00 12.90	55 83 74 86 103 118 126 135 143 150 155	

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Site	е		
Date		05/17/06		Sampler	CAH	
Well ID	EW-11D WQ Meter Horiba		Horiba U-22	2 (site)		
Screen Int Dth (ft bgs)		150-155		Turbidity	Hach 2100	p, #14576
Screen Int El (ft amsl)		10-5		Pump	1/2 HP	
Purge Start		940				
Purge End		1020				
Flow Rate (gal/min)		11.5				
Purge Vol (e Vol (gal) 460					
Drill vol inte	rval (gal)	200				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	1020				
Comments		68° sunny				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
953	5.98	0.918	337	8.52	16.06	5
958	6.24	0.929	209	6.87	15.94	8
1003	6.33	0.932	37.6	6.45	15.81	15
1008	6.39	0.932	15	6.35	15.90	21
1013	6.42	0.932	8.67	6.37	15.83	29
1018	6.42	0.932	4.65	6.38	15.82	31

Groundw	ater Sam	pling Log				
		emical Supe	erfund Site	e		
Date		05/17/06		Sampler	CAH	
Well ID		EW-11D		WQ Meter	Horiba U-22 (site)	
Screen Int [Oth (ft bgs)	170-175		Turbidity	Hach 2100 p, #1457	
Screen Int El	(ft amsl)	-10-[-15]		Pump	1/2 HP	
Purge Start		1144				
Purge End		1232				
Flow Rate (gal/min)	7.1				
Purge Vol (gal)	340.8				
Drill vol inte	rval (gal)	200				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	1232				
Comments		70° sunny				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1150	6.4	0.521	75.1	6.02	19.49	-27
1155	6.19	0.775	7.58	5.99	18.1	1
1200	6.08	0.865	6.27	5.83	17.22	12
1205	6.08	0.914	1.6	5.69	16.79	31
1210	6.07	0.920	1.37	5.68	16.70	37
1215	6.06	0.924	1.2	5.68	16.62	41
1220	6.05	0.927	1.11	5.67	16.55	45
1225	6.05	0.927	1.03	5.68	16.48	48
1230	6.04	0.928	0.96	5.67	16.50	50

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Site	е		
		_				
Date		05/17/06		Sampler	CAH	
Well ID		EW-11D		WQ Meter	Horiba U-22 (site)	
Screen Int [Oth (ft bgs)	185-190		Turbidity	Hach 2100 p, #145	
Screen Int El	(ft amsl)	-25-[-30]		Pump	1/2 HP	
Purge Start		1335				
Purge End		1427				
Flow Rate (gal/min)	6				
Purge Vol (gal)		300				
Drill vol interval (gal)		200				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	1427				
Comments		75° sunny, lite	breezy			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1350	6.14	0.913	442	7.67	16.53	29
1355	6.09	0.922	410	5.88	16.33	32
1400	6.09	0.926	393	5.57	16.41	38
1405	6.04	0.930	73.5	5.51	16.43	45
1410	6.05	0.931	146	5.49	16.42	47
1415	6.03	0.931	216	5.5	16.39	48
1420	6.03	0.931	214	5.5	16.33	46
1425	6.03	0.933	124	5.5	16.30	47

Groundw	ater San	npling Log							
Claremo	nt Polych	nemical Sup	erfund Si	te					
Date		05/17/06		Sampler	CAH				
Well ID		EW-11D			Horiba U-22 (site)				
Screen Int [Oth (ft bgs)	200-205		Turbidity	Hach 2100	p, #14576	14576		
Screen Int El	,	-40-[-45]		Pump	1/2 HP				
Purge Start		1538							
Purge End		1642							
Flow Rate (5							
Purge Vol (gal)	320							
Drill vol inte	rval (gal)	150							
Sample		2 HCI VOAs for VOCs							
Sample Tim	ne	1642							
Comments		72° sunny							
							I .		
Time	рН	Con	Tur	DO	Temp	ORP			
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV			
1550	5.49	0.279	321	7.12	18.68				
1555	5.22	0.313	72	6.04	18.49	70			
1600	5.10	0.364	13.4	5.11	17.99	112			
1605	5.05	0.382	5.18	5.05	17.71	146	cleaned fi	ne sand fron	n flo thru
1610	5.02	0.415	7.36	5.53	17.53	164			
1615	4.99	0.440	3.79	5.42	17.35	179			
1620	4.98	0.460	1.62	5.49	17.22	187			
1625	4.97	0.474	3.09	5.54	17.10	192			
1630	4.98	0.484	2.46	5.6	17.01	195			
1635	4.96	0.496	1.78	5.64	16.92	200			
1640	4.96	0.502	1.71	5.55	16.80	204			

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Site	e		
Date		05/18/06		Sampler	CAH	
Well ID EW-11D		EW-11D		WQ Meter	Horiba U-2	2 (site)
Screen Int Dth (ft bgs)		230-235		Turbidity	Hach 2100	p, #14576
Screen Int El (ft amsl)		-70-[-75]		Pump	1/2 HP	
Purge Start		725				
Purge End		846				
Flow Rate (gal/min)	4				
Purge Vol (gal)	320				
Drill vol inte	rval (gal)	200				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	846				
Comments		60° sunny				
Time	Hq	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 °C	± 10 mV
740	5.19	0.553	161	9.67	16.2	-20
745	5.22	0.675	85.2	6.78	16.21	-26
750	5.20	0.741	32.5	6.27	16.23	17
755	5.18	0.778	32.9	6.22	16.29	59
800	5.16	0.789	45.6	6.27	16.30	73
805	5.14	0.793	43.5	6.31	16.30	85
810	5.13	0.796	46.1	6.32	16.31	95
815	5.12	0.797	43.3	6.33	16.32	103
820	5.11	0.798	42.5	6.34	16.32	111
825	5.11	0.799	41.3	6.33	16.33	117
830	5.10	0.799	39.7	6.33	16.34	122
835	5.10	0.800	34.4	6.34	16.35	128
840	5.10	0.800	38.6	6.34	16.35	134

Groundw	vater Sam	pling Log						
Claremo	nt Polych	emical Supe	erfund Site	е				
		0.5 (4.0 (0.0			0.411			
Date		05/18/06		Sampler	CAH	2 ('')		
Well ID		EW-11D		WQ Meter	Horiba U-22			
Screen Int I	` ,	250-255		Turbidity	Hach 2100	p, #14576		
Screen Int El	,	-90-[-95]		Pump	1/2 HP			
Purge Start	T	1011						
Purge End		1056						
Flow Rate (•	15						
Purge Vol (rge Vol (gal) 675							
Drill vol inte	rval (gal)	200						
Sample		2 HCI VOAs for	r VOCs					
Sample Tim	ne	1056						
Comments		70° sunny						
Time	рН	Con	Tur	DO	Temp	ORP		
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV		
1020	5.65	0.418	15.8	7.62	17.05	76		
1025	5.49	0.706	11.6	7.34	16.28	78		
1030	5.45	0.842	10.6	7.61	15.93	84		
1035	5.41	0.888	9.2	8.11	15.72	97		
1040	5.38	0.896	1.42	8.34	15.61	104		
1045	5.35	0.901	1.26	8.52	15.60	112	cleaned o	ut flo thru
1050	5.33	0.913	9.2	9.04	15.62	117		
1055	5.27	0.911	6.8	8.95	15.59	121		

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Sit	е		
Date		05/18/06		Sampler	CAH	
Well ID		EW-11D		WQ Meter	Horiba U-22 (site)	
Screen Int [Oth (ft bgs)	270-275		Turbidity	Hach 2100	p, #14576
Screen Int El	(ft amsl)	-110-[-115]		Pump	1/2 HP	
Purge Start		1234				
Purge End		1316				
Flow Rate (gal/min)	9.4				
Purge Vol (ge Vol (gal)					
Drill vol inte	rval (gal)	200				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	1316				
Comments		70° sunny				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1245	5.18	0.699	23.4	9.76	17.76	72
1250	5.07	0.821	7.19	8.01	16.79	120
1255	5.06	0.852	2.1	8.19	17.05	143
1300	5.01	0.868	1.9	8.05	16.55	154
1305	5.00	0.880	1.72	8.99	16.33	163
1310	5.00	0.887	1.55	9.06	16.23	168
1315	4.99	0.891	1.46	9.27	16.26	172

Groundw	ater Sam	pling Log				
		emical Supe	erfund Site	е		
		-				
Date		05/19/06		Sampler	CAH	
Well ID EW-11D		EW-11D		WQ Meter	Horiba U-22	2 (site)
Screen Int Dth (ft bgs)		290-295		Turbidity	Hach 2100	p, #14576
Screen Int El (ft amsl)		-130-[-135]		Pump	1/2 HP	
Purge Start		741				
Purge End		907				
Flow Rate (gal/min)	2.2				
Purge Vol (gal)	190				
Drill vol inte	rval (gal)	500	400 in top 10	0', 100 in bo	ttom 10'	
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	907				
Comments		58° rain				
Time	ьЦ	Con	Tur	DO	Tomn	ORP
5 min	pH ± 0.1			0.1 or 10%	Temp ± 0.5 °C	
800	± 0.1 5.03	±0.020 mS/cm 0.252	<50 NTU 125		15.39	± 10 mV 8
805	5.03	0.252	29.1	9.90 6.43	15.59	-18
810	5.34	0.278	15.4	6.34	15.32	-18
815	5.28	0.343	16.7	6.44	15.48	37
820	5.25	0.462	7.7	6.61	15.53	56
825	5.21	0.504	2.5	6.74	15.44	77
						93
830	5.18	0.522	2.54	6.85	15.42	9.5
830 835	5.18 5.16	0.522 0.549	2.54 2.64	6.85 6.92	15.42 15.43	
835	5.16	0.549	2.64	6.92	15.43	109
835 840	5.16 5.14	0.549 0.569	2.64 2.82	6.92 6.96	15.43 15.41	109 125
835 840 845	5.16 5.14 5.13	0.549 0.569 0.579	2.64 2.82 2.67	6.92 6.96 6.98	15.43 15.41 15.39	109 125 132
835 840 845 850	5.16 5.14 5.13 5.12	0.549 0.569 0.579 0.588	2.64 2.82 2.67 2.66	6.92 6.96 6.98 6.97	15.43 15.41 15.39 15.40	109 125 132 141

Groundw	ater Sam	pling Log						
Claremoi	nt Polych	emical Sup	erfund Sit	te				
Date		12/19/05		Sampler	CAH			
Well ID		EW-12D			Horiba U-22 (site)			
Screen Int [Oth (ft bgs)	130-135		PID	2020 Photovac (site)			
Screen Int El (ft amsl) 32-27			Pump	1/2 HP	,			
Purge Start		1519						
Purge End		1700						
Flow Rate (gal/min)	6.25						
Purge Vol (gal)	630						
PID (ppm)		3.5						
Sample		2 HCI VOAs fo	I VOAs for VOCs					
Sample Tim	ne	1700						
Comments		28° sunny, win	ıdy					
		140 gal used f	or drilling					
		small air bubbl	es adhering	to flow thru;	unable to fi	nd source	or stop	
Time	рН	Con	Tur	DO	Temp	ORP		
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV		
1530	5.59	0.517	262	8.28	12.8	-41		
1535	5.86	0.666	166	6.12	13.2	13		
1540	5.88	0.722	46.9	7.84	13.20	42		
1545	5.84	0.731	42	7.99	13.10	50		
1550	5.80	0.763	24.5	8.14	13.40	55		
1555	5.76	0.778	24.6	8.33	13.30	63		
1600	5.73	0.788	22.1	8.44	13.30	67		
1605	5.69	0.800	32.3	8.5	13.40	76		
1610	5.67	0.807	28.8	8.62	13.60	83		
1615	5.65	0.813	29.2	8.83	13.70	89		
1620	5.63	0.829	13.1	8.86	13.30	103		
1625	5.60	0.837	14.5	9.1	13.30	111		
1630	5.59	0.837	12.3	9.15	13.30	118		
1635	5.57	0.841	13	9.18	13.40	126		
1640	5.56	0.845	32.6	8.72	13.50	146		
1645	5.54	0.840	32	8.98	13.60	157		
1650	5.53	0.838	33.6	8.96	13.70	161		
100	0.00	0.000	00.0	0.00	10.7			

		npling Log					
Claremo	nt Polych	nemical Sup	erfund Si	te			ı
Date		12/20/05		Sampler	CAH		
Well ID		EW-12D		WQ Meter	Horiba U-2	2 (site)	
Screen Int I	Oth (ft bgs)	150-155		PID	2020 Photovac (site)		
Screen Int El	(ft amsl)	7-12		Pump	1/2 HP		
Purge Start		857		-			
Purge End		1000					
Flow Rate (gal/min)	15	2	15			
Purge Vol (gal)	800	@935	@945			
PID (ppm)		1.1					1
Sample		2 HCI VOAs fo	or VOCs				
Sample Tin	ne	1000					
Comments		22° clear, wind	dy				
		small air bubb	les in tubing	and flow th	ru cell, appe	ars to be o	ffgasing
		unable to stop	bubbles; int	erfering w/ 1	urbidity and	DO readir	ngs
		large air bubb	les coming u	p discharge	,		
		150 gal used t	o drill interva	al			
		Sample appea	ars to be effe	rvesing			
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	1
905	5.93	0.212	999	5.73	15	-185	<u> </u>
910	6.21	0.655	466	4.58	16.6	-80	<u> </u>
915	6.44	0.873	54.3	11.34	14.80	33	
920	6.45	0.840	33.5	12.39	13.80	55	<u></u>
925	6.44	0.925	36.5	12.95	13.40	65	
930	6.41	0.929	35.9	13.69	13.70	72	<u> </u>
935	6.44	0.927	28.3	12.21	13.40	80	·
940	6.44	0.933	44.9	11.77	13.30	85	·
945	6.42	0.921	33.5	13.88	13.50	77	
950	6.44	0.912	29	13.54	13.50	84	1
955	6.43	0.903	46	13.68	13.30	87	1

Groundw	ater Sam	pling Log					
		emical Sup	erfund Sit	:e			
		•					
Date		12/20/05		Sampler	CAH		
Well ID		EW-12D		WQ Meter	Horiba U-22	2 (site)	
Screen Int I	Oth (ft bgs)	170-175		PID	2020 Photo	vac (site)	
Screen Int El	(ft amsl)	-8-[-13]		Pump	1/2 HP		
Purge Start		1157					
Purge End		1240					
Flow Rate (gal/min)	14					
Purge Vol (gal)	600					
PID (ppm)		0.7					
Sample		2 HCI VOAs fo	r VOCs				
Sample Tim	ne	1240					
Comments		28° sunny, bre					
		small air bubbl					-
		unable to stop				DO reading	gs
		large air bubbl					
		150 gal used to	o drill interva	ıl			
		Sample appea	rs to be effe	rvesing			
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1205	7.09	0.497	45.8	10.61	13.1	-8	
1210	6.6	0.78	25	16.08		63	
1215	6.49	0.834	48.4	17.93	13.90	76	
1220	6.44	0.896	24.8	16.29	13.10	91	
1225	6.43	0.918	32.5	17.06	13	98	
1230	6.40	0.915	44.9	17.42	13.10	103	
1235	6.40	0.903	37.9	17.59	13.40	106	

Croundu	rotor Com	nling Log					
		pling Log					
Claremo	nt Polych	emical Sup	erfund Sit	e			
Date		12/20/05		Sampler	CAH		
Well ID		EW-12D		WQ Meter	Horiba U-22 (site)		
Screen Int I	Oth (ft bgs)	190-195		PID	2020 Photo	vac (site)	
Screen Int El	(ft amsl)	-28-[-33]		Pump	1/2 HP		
Purge Start		1422					
Purge End		1510					
Flow Rate (gal/min)	9					
Purge Vol (gal)	432					
PID (ppm)		0.7					
Sample		2 HCI VOAs fo	or VOCs				
Sample Tim	ne	1520					
Comments		22° sunny bree	ezy				
		small air bubbl	les in tubing	and flow thr	u cell, appe	ars to be o	ffgasing
		unable to stop	bubbles; into	erfering w/ t	urbidity and	DO readin	gs
		large air bubbl	es coming u	p discharge			
		125 gal used to	o drill				
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1440	5.89	0.773	80.3	12.59	12.7	149	
1445	5.64	0.795	67.8	10.69	12.9	167	
1450	5.60	0.800	81.9	11.91	13.00	178	
1455	5.57	0.797	49	12.68	13.10	182	
1500	5.56	0.802	45.6	13.07	13.20	188	
1505	5.54	0.804	43.8	13.23	13.00	196	
1510	5.54	0.806	41.2	13.56	13.00	198	

Groundy	ater Sam	pling Log						
		emical Sup	orfund Sit	.0				
Ciarenio	iii Foiyeii	ennicai Sup	erruna Sit	.6				
Date		01/03/06		Sampler	CAH			
Well ID		EW-12D						
Screen Int [Oth (ft bas)	210-215		PID	2020 Photo	` ,		
Screen Int El	` ,	-38-[-43]		Pump	1/2 HP	(2.12)		
Purge Start	,	829						
Purge End		925						
Flow Rate (gal/min)	3.8						
Purge Vol (gal)	215						
PID (ppm)		n/a						
Sample		2 HCI VOAs fo	r VOCs					
Sample Tim	ne	925						
Comments		35° rain, wind						
		150 gal used t		erval				
		discharge surg	ging					
		small air bubbl						
		unable to stop			urbidity and	DO readin	gs	
		but not as bad	as previous	intervals				
Time	pН	Con	Tur	DO	Temp	ORP		
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV		
850	5.39	0.751	204	10.49	13	50		
855	5.71	0.779	129	10.21	12.9	43		
900	5.65	0.804	139	11.65		49		
905		0.836	137	11.24		59		
910		0.830	105	10.54		65		
915		0.844	121	11.05		70		
920	5.49	0.843	137	11.53	13.10	73		

Groundw	ater Sam	pling Log					
Claremor	nt Polych	emical Sup	erfund Sit	e			
	•						
Date		01/03/06		Sampler	CAH		
Well ID		EW-12D		WQ Meter	Horiba U-2	2 (site)	
Screen Int D	Oth (ft bgs)	230-235		PID	2020 Photovac (site)		
Screen Int El	(ft amsl)	-63-[-68]		Pump	1/2 HP		
Purge Start		1114					
Purge End		1220					
Flow Rate (·	12.5					
Purge Vol (gal)	825					
PID (ppm)		0					
Sample		2 HCI VOAs fo	r VOCs				
Sample Tim	ie	1220					
Comments		33° rain, wind					
		165 gal used to					
		small air bubbl					
		unable to stop			urbidity and	DO readin	gs
		large air bubbl					
		Sample appea					
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1125	6.06	0.409	999	10.40	14.8	-37	
1130	6.05	0.815	192	16.13	13.4	41	
1135	5.98	0.850	176	17.85	13.20	67	
1140	5.91	0.869	154	18.17	13.20	90	
1145	5.87	0.874	195	16.34	13.00	103	
1150	5.84	0.886	126	18.85	13.00	114	
1155	5.82	0.887	135	19.52	12.90	123	
1200	5.80	0.890	168	19.04	13.10	129	
1205	5.78	0.896	125	19.99	12.90	136	
1210	5.77	0.900	132	19.99	12.80	142	
1215	5.75	0.894	115	19.99	13.10	145	

Groundw	ater Sam	pling Log					
Claremo	nt Polych	emical Sup	erfund Sit	e			
Date		01/03/06		Sampler	CAH		
Well ID		EW-12D		•	VQ Meter Horiba U-22 (site)		
Screen Int D	Oth (ft bgs)	250-255		PID	2020 Photovac (site)		
Screen Int El	(ft amsl)	-88-[-93]		Pump	1/2 HP		
Purge Start		1423					
Purge End		1525					
Flow Rate (gal/min)	15					
Purge Vol (gal)	930					
PID (ppm)		0					
Sample		2 HCI VOAs fo	or VOCs				
Sample Tim	ne	1525					
Comments		32° rain, wind					
		used 150 gal f	or last interv	al			
		small air bubbl	es in tubing	and flow thr	u cell, appe	ars to be of	ffgasing
		unable to stop				DO readin	gs
		large air bubbl					
		Sample appea	rs to be effe	rvesing			
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1435	6.19	0.272	19.7	11.71		23	
1440	5.73	0.672	92.7	15.47		62	
1445	5.61	0.851	118	17.22		119	
1450	5.53	0.909	87.5	18.52		154	
1455	5.48	0.909	76	19.99		166	
1500	5.45	0.920	78.3	19.99		177	
1505	5.42	0.923	101.4	19.99		185	
1510	5.39	0.915	84.9	19.99		191	
1515	5.37	0.927	109	19.99		197	
1520	5.35	0.922	118	19.99	13.70	200	

Groundw	ater Sam	pling Log						
Claremoi	nt Polych	emical Supe	erfund Site	е				
	-							
Date		01/10/06		Sampler	CAH			
Well ID		EW-13D		WQ Meter	Horiba U-22 (site)			
Screen Int [Oth (ft bgs)	125-135		PID	2020 Photo	vac (site)		
Screen Int El	(ft amsl)	37-27		Pump	1/2 HP			
Purge Start		1448						
Purge End		1610						
Flow Rate (gal/min)	2 but varying c	yclically					
Purge Vol (gal)	175	volume mea	sured rathe	r than calcu	lated		
Drill vol inte	rval (gal)	150						
PID (ppm)		37.4						
Sample		2 HCI VOAs fo	r VOCs					
Sample Tim	ne	1610						
Comments		46° sunny						
Time	рН	Con	Tur	DO	Temp	ORP		
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV		
1510	5.45	0.803	999	7.00	14.16	25		
1515	5.73		999	5.77	14.39	-1		
1520	5.82	0.822	999	6.4	14.36	3		
1525	5.84	0.833	999	6.33	14.32	1		
1530	5.81	0.838	999	6.66	14.20	6		
1535	5.82	0.854	848		14.25	4		
1540	5.8	0.866	543		14.34	8		
1550	5.81	0.898	494	6.96	14.38	6		
1555	5.82	0.909	321	7.04	14.34	9		
1600	5.81	0.915	346	_	14.21	13		
1605	5.81	0.916	354	7.17	14.17	15		

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Sup	erfund Sit	e		
		-				
Date		01/11/06		Sampler	CAH	
Well ID		EW-13D		WQ Meter	Horiba U-22	2 (site)
Screen Int [Oth (ft bgs)	150-155		PID	2020 Photovac (site	
Screen Int El	(ft amsl)	12-7		Pump	1/2 HP	
Purge Start		717				
Purge End		800				
Flow Rate (gal/min)	6.25				
Purge Vol (gal)	270				
Drill vol inte	rval (gal)	150				
PID (ppm)		39				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	800				
Comments		40° overcast				
		small amt of of	ffgassing			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
730	5.03	0.894	194	10.42	14.05	107
735	5.1	0.899	123	10.15	14.28	111
740	5.05	0.913	52	9.68	14.33	120
745	5.01	0.909	47	10.51	14.35	120
750	5.01	0.905	40	10.03	14.38	124
755	4.98	0.900	46.7	10.61	14.35	126

Groundy	vater San	npling Log						
		nemical Sup	erfund Si	te				
Date		01/11/06		Sampler	CAH			
Well ID		EW-13D		-	Horiba U-2	2 (site)		
Screen Int I	Dth (ft bgs)	170-175		PID	2020 Photo	vac (site)		
Screen Int El	l (ft amsl)	-8-[-13]		Pump	1/2 HP			
Purge Start		946	946					
Purge End		1105						
Flow Rate ((gal/min)	11.5						
Purge Vol (gal)	900				_		
Drill vol inte	erval (gal)	150	150					
PID (ppm)		28						
Sample		2 HCI VOAs fo	or VOCs					
Sample Tin	ne	1105						
Comments		43° overcast						
		extensive offga	asing in flow	thru cell				
		large air bubbl	es coming u	p discharge)			
		air bubbles int	erfering w/ to	ur readings				
		actual turbidity	lower than	meter readi	ng			
		sample efferve	escing, smal	unavoidab	le bubbles ir	n sample v	ial	
Time	рН	Con	Tur	DO	Temp	ORP		
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV		
1000	5.31	0.872	999	14.09	14.81	132		
1010	5.31	0.862	165	18.92	14.66	150		
1015	5.30	0.892	129	19.54	14.69	155		
1020	5.29	0.889	110	19.99	14.67	159		
1030	5.27	0.921	144	19.99	14.61	166		
1035	5.27	0.878	76.5	19.99	14.63	169		
1040	5.26	0.912	123	19.38	14.62	173		
1045	5.26	0.898	104	19.67	14.64	177		
1050	5.25	0.879	116	19.96	14.63	178		
1055	5.25	0.862	127	19.99	14.67	179		
1100	5.25	0.881	108	19.15	14.64	181		

Groundy	vater Sam	pling Log					
Claremo	nt Polych	emical Sup	erfund Sit	te			
		_					
Date		01/11/06		Sampler	CAH		
Well ID		EW-13D		WQ Meter	Horiba U-22	2 (site)	
Screen Int I	Oth (ft bgs)	190-195		PID	2020 Photo	vac (site)	
Screen Int El	(ft amsl)	-28-[-33]		Pump	1/2 HP		
Purge Start		1203					
Purge End		1310					
Flow Rate ((gal/min)	4.5					
Purge Vol (gal)	230					
Drill vol inte	erval (gal)	150					
PID (ppm)		41					
Sample		2 HCI VOAs fo	r VOCs				
Sample Tin	ne	1310					
Comments		45° overcast					
		misting at 122	5				
		extensive offga	asing in flow	thru cell			
		large air bubbl	es coming u	p discharge			
		air bubbles inte	erfering w/ tu	ır readings			
		actual turbidity	lower than i	meter readir	ng		
		1247 flow rate	fluctuating				
		sample efferve	escing, small	unavoidabl	e bubbles in	sample vi	al
Time	pН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1225	5.76	0.839	819	12.16	13.46	77	
1230		0.898	695	12.49	13.47	73	
1235		0.908	420			84	
1240		0.925	294			95	
1245		0.932	199			101	
1250	5.42	0.935	259	14.87	13.81	101	
1255	5.39	0.918	160	15.63	13.69	109	
1300	5.41	0.919	173	16.33	13.73	106	

Groundw	ater Sam	pling Log					
Claremo	nt Polych	emical Sup	erfund Sit	e			
		_					
Date		01/11/06		Sampler	CAH		
Well ID		EW-13D	/-13D WQ Meter Horiba U-22 (sit				
Screen Int [Oth (ft bgs)	210-215		PID	2020 Photo	vac (site)	
Screen Int El	(ft amsl)	-48-[-53]		Pump	1/2 HP		
Purge Start		1422					
Purge End		1515					
Flow Rate (gal/min)	7.5					
Purge Vol (gal)	400					
Drill vol inte	rval (gal)	9					
PID (ppm)		24.3					
Sample		2 HCI VOAs fo	r VOCs				
Sample Tim	ne	1515					
Comments		40° overcast					
		offgassing in fl	ow thru cell				
		large air bubbl					
		air bubbles into	erfering w/ tu	ır readings			
		actual turbidity	lower than r	neter readir	ng		
		sample efferve			e bubbles in		al
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1450	4.98	0.898	128	14.31		205	
1455	4.91	0.911	85	15.94	_	212	
1500	4.87	0.900	49.8	18.85	14.30	222	
1505	4.86	0.912	50	19.99		224	
1510	4.86	0.913	49.6	19.99	14.37	226	

Groundw	ater Sam	pling Log					
Claremo	nt Polych	emical Sup	erfund Sit	:e			
		•					
Date		01/12/06		Sampler	CAH		
Well ID		EW-13D		WQ Meter	Horiba U-2		
Screen Int I	Oth (ft bgs)	230-235		PID	2020 Photo	vac (site)	
Screen Int El	(ft amsl)	-68-[-73]		Pump	1/2 HP		
Purge Start		704					
Purge End		805					
Flow Rate (gal/min)	8					
Purge Vol (gal)	488					
Drill vol inte	rval (gal)	150					
PID (ppm)		39.1					
Sample		2 HCI VOAs fo	r VOCs				
Sample Tim	ne	805					
Comments		45° partly clou	dy				
		offgassing in fl	ow thru cell				
		large air bubbl					
		air bubbles into	-				
		actual turbidity			•		
		sample efferve			e bubbles in	al	
Time	рН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
715	5.17	0.72	390	14.00	14.17	64	
720	5.24	0.842	231	16.24	14.22	108	
725	5.18	0.895	210	19	14.14	145	
730	5.13	0.894	256	19.99	14.18	169	
735	5.08	0.862	73.6	19.99		184	
740	5.05	0.852	87.9	19.99		193	
745	5.03	0.863	57	16.65		202	
750	5.02	0.844	63	16.08	_	204	
755	5.02	0.827	53	16.02		207	
800	5.00	0.836	76.4	16.69	14.18	209	

Groundw	ater Sam	pling Log					
		emical Sup	erfund Sit	e			
0.0							
Date		01/12/06		Sampler	CAH		
Well ID		EW-13D		WQ Meter	Horiba U-22	2 (site)	
Screen Int I	Oth (ft bgs)	250-255		PID	2020 Photo	vac (site)	
Screen Int El	(ft amsl)	-87-[-93]		Pump	1/2 HP		
Purge Start		942					
Purge End		1035					
Flow Rate (gal/min)	10					
Purge Vol (gal)	530					
Drill vol inte	rval (gal)	150					
PID (ppm)		forgot to meas	orgot to measure				
Sample		2 HCI VOAs fo	HCI VOAs for VOCs				
		2 half full VOA	half full VOAs for headspace				
		2 unpreserved	unpreserved VOAs for diss gases				
Sample Tim	ne	1035					
Comments		45° sunny, few	/ clouds				
		offgassing in fl	ow thru cell				
		large air bubbl	es coming u	p discharge			
		air bubbles inte	erfering w/ tu	ır readings			
		actual turbidity	lower than r	meter readir	ng		
		sample efferve	escing, small	unavoidabl	e bubbles in	sample vi	al
Time	pН	Con	Tur	DO	Temp	ORP	
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1000	5.33	0.883	146	17.15	14.15	171	
1005	5.26	0.834	87.6				
1010	5.23	0.868	63.2	19.1		194	
1015	5.2	0.862	55.1	19.59	_	202	
1020	5.18	0.853	72.6	19.65	_	209	
1025	5.14	0.863	65.9	18.96	14.34	212	

Groundw	ater Sam	pling Log				
		emical Sup	erfund Sit	e		
Date		01/12/06		Sampler	CAH	
Well ID		EW-13D		WQ Meter	Horiba U-22	2 (site)
Screen Int [Oth (ft bgs)	270-275		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-108-[-113]		Pump	1/2 HP	
Purge Start		1200				
Purge End		1310				
Flow Rate (gal/min)	2.2				
Purge Vol (gal)	154				
Drill vol inte	rval (gal)	150				
PID (ppm)		34.6				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1310				
Comments		50° sunny				
		some slugs of	air bubbles.	no offgassi	ng in flow th	ru
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1225	5.32	0.388	126	4.77	14.57	14
1230	5.26	0.47	64.1	4.22	14.57	-18
1235	5.23	0.506	47.9	4.23	14.61	-12
1240	5.22	0.527	26.8	4.3	14.66	-6
1245	5.20	0.542	21.5	4.49	14.63	-1
1250	5.20	0.555	2.3	4.49	14.64	5
1255	5.18	0.577	24.4	4.66	14.73	11
1300	5.17	0.588	20.4	4.75	14.85	15
1305	5.17	0.592	17.2	4.82	14.78	17

Groundw	ater Sam	pling Log						
Claremo	nt Polych	emical Sup	erfund Sit	e				
Date		01/12/06		Sampler	CAH			
Well ID		EW-13D		WQ Meter	Horiba U-22	. ,		
Screen Int [290-295		PID	2020 Photo	vac (site)		
Screen Int El	. ,	-128-[-133]		Pump	1/2 HP			
Purge Start		1451						
Purge End		1725						
Flow Rate (0.9						
Purge Vol (150						
Drill vol inte	rval (gal)	150						
PID (ppm)		92.2						
Sample		2 HCI VOAs fo	or VOCs					
Sample Tim	ne	1725						
Comments		55° sunny, bre	eze					
		parameters sta	able at 1600,	continued p	ourge to ens	ure repres	entative gr	oundwater
Time	pН	Con	Tur	DO	Temp	ORP		
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV		
1515	5.98	0.127	999	5.89	14.07	22		
1520	6.08		999	5.60	14.03	20		
1525	5.78	0.180	999	4.11	14.15	-12		
1530	5.35	0.226	766	4.26		-23		
1540	5.26		483	4.76			cleaned flo	ow thru
1550	5.19	0.249	79.3	5.04	14.14	23		
1555	5.19	0.251	49	5.05	14.15	24		
1600	5.18	0.254	49.5	5.09	14.19	26		
1605	5.17	0.256	43.3	5.15	14.14	28		
1610	5.15	0.257	45.2	5.2	14.03	30		
1615	5.14	0.257	41.2	5.24	13.96	31		
1620	5.13		34	5.29	13.88	33		
1625	5.12	0.258	30.5	5.33		35		
1630	5.11	0.258	26	5.38	13.74	37		
1635	5.10	0.258	28.8	5.41	13.52	39		
1640	5.10		26.8	5.46		41		
1645	5.09		26			42		
1650	5.09		25.6	5.52		44		
1655	5.08		25.2	5.54		46		
1700	5.08		23.1	5.55		47		
1705	5.07		21.5	5.59		49		
1710	5.07		21.7	5.61	13.19	51		
1715	5.07		22	5.64		52		
1720	5.06	0.257	20.8	5.66	13.07	53		

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Sup	erfund Sit	e		
		_				
Date		01/13/06		Sampler	CAH	
Well ID		EW-13D		WQ Meter	Horiba U-22	2 (site)
Screen Int I	Oth (ft bgs)	310-315		PID	2020 Photo	
Screen Int El	(ft amsl)	-148-[-153]		Pump	1/2 HP	
Purge Start		848				
Purge End	1	1025				
Flow Rate (gal/min)	12				
Purge Vol (gal)	1164				
Drill vol inte	rval (gal)	175				
PID (ppm)		10.6				
Sample	I	2 HCI VOAs fo	or VOCs			
Sample Tim	ie	1025				
Comments	<u> </u>	40° heavy fog				
	ı					
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
900	5.32	0.116	128	16.53	14.83	68
905	5.68	0.137	65.9	7.47	15.86	-16
910	5.7	0.188	45.3	2.92	15.12	-58
915	5.69	0.217	45.9	3.16	14.61	-25
920	5.65	0.221	52.1	4.21	13.92	20
925	5.6	0.218	50.5	4.59	13.61	36
930	5.55	0.216	50.3	4.9	13.37	46
935	5.48	0.213	51.3	5.44	13.29	64
940	5.44	0.211	51.5	5.73	13.18	73
945	5.40	0.209	52.4	5.93	13.17	82
950	5.35	0.208	58.1	6.22	13.01	97
955	5.30	0.206	57.2	6.49	12.98	112
1000	5.26	0.205	58.3	6.66	12.97	124
1005	5.22	0.204	59.5	6.84	13.03	136
1000	5.19	0.203	60.6	6.99	12.93	148
1005	5.17	0.202	62.8	7.1	13.00	156
1010	5.13	0.202	64.9	7.18	13.07	167
1015	5.11	0.201	72.2	7.27	13.02	173
1020	5.09	0.201	73.9	7.34	12.99	177

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Sup	erfund Sit	te		
Date		01/13/06		Sampler	CAH	
Well ID		EW-13D		WQ Meter	Horiba U-2	2 (site)
Screen Int [Oth (ft bgs)	330-335		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-168-[-173]		Pump	1/2 HP	
Purge Start		1158				
Purge End		1245				
Flow Rate (gal/min)	12				
Purge Vol (• ,	564				
Drill vol inte	rval (gal)	150				
PID (ppm)		12.4				
Sample		2 HCI VOAs fo	or VOCs			
Sample Tim	ne	1245				
Comments		45° dense fog				
Time	На	Con	Tur	DO	Temp	ORP
5 min	Pii	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 °C	± 10 mV
1210	5.16	0.133	124	7.40		161
1215	4.91	0.13	66	7.18	13.01	218
1220	4.84	0.129	63.7	7.28	13.01	229
1225	4.76	0.128	52.1	7.45	12.96	239
1230	4.70	0.128	58.7	7.54	13.00	245
1235	4.65	0.127	55.4	7.64	12.90	251
1240	4.61	0.127	56.6	7.7	12.91	255

Groundw	ater Sam	pling Log				
		emical Sup	erfund Sit	e		
Date		01/13/06		Sampler	CAH	
Well ID		EW-13D		-	Horiba U-2	2 (site)
Screen Int [Oth (ft bgs)	350-355		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-188-[-193]		Pump	1/2 HP	
Purge Start		1439				
Purge End		1545				
Flow Rate (gal/min)	10				
Purge Vol (gal)	660				
Drill vol inte	rval (gal)	150				
PID (ppm)		13.8				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1545				
Comments		45° heavy fog				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1450	5.3	0.128	480	9.55	13.24	-44
1455	5.21	0.123	85.1	6.62	13.06	16
1500	5.13	0.120	60.6	6.94	12.93	94
1505	5.03	0.117	26.2	7.3	12.81	128
1510	4.98	0.115	23.1	7.57	12.73	163
1515	4.94	0.115	19.9	7.66	12.75	177
1520	4.90	0.114	22.4	7.76	12.71	189
1525	4.84	0.114	25.5	7.84	12.75	200
1530	4.82	0.113	29.4	7.88	12.70	205
1535	4.79	0.113	29.4	7.93	12.70	211
1540	4.76	0.113	32.7	8.02	12.67	215

Groundw	ater Sam	pling Log				
		emical Sup	erfund Sit	:e		
Date		1/14/2006		Sampler	CAH	
Well ID		EW-13D		WQ Meter	Horiba U-22	2 (site)
Screen Int I	Oth (ft bgs)	370-375		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-208-[-213]		Pump	1/2 HP	
Purge Start		1053				
Purge End		1150				
Flow Rate (gal/min)	10				
Purge Vol (gal)	570				
Drill vol inte	rval (gal)	200				
PID (ppm)		10.3				
Sample		2 HCI VOAs fo	or VOCs			
Sample Tim	ne	1150				
Comments		54° rain				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1105	5.43	0.146	318	10.72	14.92	-28
1110	5.6	0.149	190	4.79	14.42	-70
1115	5.53	0.147	109	7.55	13.58	39
1120	5.44	0.142	104	8.39	13.29	70
1125	5.34	0.137	110	8.88	13.07	99
1130	5.27	0.135	118	9.1	13.02	135
1135	5.22	0.134	125	9.36	12.98	152
1140	5.17	0.132	137	9.47	12.96	155
1145	5.14	0.131	126	9.55	12.92	162

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Site	е		
Date		05/04/06		Sampler	CAH	
Well ID		EW-14D		WQ Meter	Horiba U-2	2 (site)
Screen Int [Oth (ft bgs)	50-55		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	49.68-44.68		Pump	1/2 HP	
Purge Start		905				
Purge End		953				
Flow Rate (gal/min)	4.5				
Purge Vol (gal)	200				
Drill vol inte	rval (gal)	65				
PID (ppm)		18				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	955				
Comments		60° mostly clou	ıdy			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
928	5.37	0.087	999	12.46	13.66	72
933	5.33	0.083	939	11.16	13.61	74
938	5.27	0.082	730	11.53	13.53	82
943	5.27	0.081	644	11.41	13.50	89
948	5.25	0.081	479	11.48	13.50	92

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Sit	е		
	-					
Date		05/04/06		Sampler	CAH	
Well ID		EW-14D		WQ Meter	Horiba U-2	2 (site)
Screen Int [Oth (ft bgs)	70-75		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	29.7-24.7		Pump	1/2 HP	
Purge Start		1043				
Purge End		1135				
Flow Rate (gal/min)	16.6				
Purge Vol (gal)	830				
Drill vol inte	rval (gal)	100				
PID (ppm)		0				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	1135				
Comments		65° sunny				
		actual turbidty	of sample les	ss than 50 N	NTU, will rec	al Horiba
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1058	5.51	0.085	999	12.25	12.62	82
1103	5.28	0.08	587	10.01	12.21	96
1108	5.21	0.079	405	10.31	12.09	110
1113	5.14	0.079	266	10.5	12.07	122
1118	5.18	0.079	225	10.69	12.03	127
1123	5.16	0.078	193	10.79	11.97	138
1128	5.14	0.078	170	10.9	11.96	141
1133	5.09	0.078	145	10.95	12.13	148

Groundy	ater Sam	pling Log				
		emical Supe	erfund Site	e		
	, , ,					
Date		05/04/06		Sampler	CAH	
Well ID		EW-14D		WQ Meter	Horiba U-22	2 (site)
Screen Int I	Oth (ft bgs)	90-95		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	9.68-4.68		Pump	1/2 HP	
Purge Start		1258				
Purge End		1350				
Flow Rate (gal/min)	6.6				
Purge Vol (gal)	343.2				
Drill vol inte	rval (gal)	150				
PID (ppm)		6.8				
Sample		2 HCI VOAs for	r VOCs			
Sample Tim	ne	1350				
Comments		75° sunny				
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1307	5.42	0.205	333	8.72	16.22	-42
1312	5.47	0.194	291	7.34	14.91	3
1317	5.39	0.194	303	7.24	14.65	18
1322	5.4	0.192	165	7.33	14.36	30
1327	5.34	0.189	105	7.44	13.95	40
1332	5.34	0.194	95	7.72	13.82	46
1337	5.3	0.195	123	7.86	13.68	54
1342	5.31	0.195	589	7.81	13.64	57
1347	5.28	0.194	149	7.87	13.48	63

Croundu	ratar Cam					
		pling Log				
Claremo	nt Polych	emical Supe	erfund Site	е		
Date		05/04/06		Sampler	CAH	
Well ID		EW-14D		WQ Meter	Horiba U-22 (site)	
Screen Int [Oth (ft bgs)	100-105		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-0.3-[-5.3]		Pump	1/2 HP	
Purge Start		1529				
Purge End		1627				
Flow Rate (gal/min)	20	6.8 @1334			
Purge Vol (gal)	560	includes 100	gal from in	itial purge a	ttempt
Drill vol inte	rval (gal)	100				
PID (ppm)		12				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1627				
Comments		78° sunny				
		pulled pump ar	nd restarted			
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1535	5.54	0.258	697	9.94	14.4	55
1540	5.42	0.266	375	7.62	13.82	63
1545	5.34	0.268	246	7.52	13.43	81
1550	5.27	0.266	195	7.74	12.94	103
1555	5.21	0.264	197	8	12.82	127
1600	5.17	0.261	105	8.17	12.78	146
1605	5.13	0.260	53	8.27	12.65	156
1610	5.09	0.259	7	8.35	12.53	167
1615	5.06	0.257	0	8.47	12.47	176
1620	5.04	0.256	1.9	8.52	12.43	178
1625	5.03	0.255	3	8.61	12.39	181

Groundy	ıater Sam	pling Log				
				_		
Ciaremoi	nt Polycn	emical Supe	ertuna Sit	e		
Date		05/05/06		Compler	CAH	
Well ID		EW-14D		Sampler	Horiba U-2	2 (cito)
Screen Int I	Oth (ft has)	130-135		PID	2020 Photo	. ,
		-30.3-[-35.3]		Pump	1/2 HP	vac (Site)
Screen Int El Purge Start	,	745		Pump	1/2 ПР	
Purge Start		852				
Flow Rate (gal/min)	3				
Purge Vol (201				
Drill vol inte	O ,	100				
PID (ppm)	ivai (gai)	8				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	16	852	1 7003			
Comments		68° overcast				
Commonto		problems w/ tu	r sensor, bas	sed on visua	l < 50	
Time	На	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
800	6.28	0.175	777	12.50	13.45	7
805	5.02	0.226	379	8.30	13.62	72
810	4.91	0.229	173	8.7	13.70	85
815	4.89	0.229	158	9.41	13.70	93
820	4.88	0.230	<50	9.93	13.73	101
825	4.87	0.230	<50	10.3	13.74	110
830	4.83	0.232	<50	10.53	13.84	117
835	4.84	0.233	<50	10.59	13.84	124
840	4.83	0.232	<50	10.67	13.87	130
845	4.83	0.234	<50	10.68	13.92	137
850	4.83	0.234	<50	10.81	13.91	137

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Site	е		
Date		05/05/06		Sampler	CAH	
Well ID		EW-14D		WQ Meter	Horiba U-22	2 (site)
Screen Int I	Oth (ft bgs)	150-155		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-50.3-[-55.3]		Pump	1/2 HP	
Purge Start		950				
Purge End		1035				
Flow Rate (gal/min)	8.5				
Purge Vol (gal)	383				
Drill vol inte	rval (gal)	100				
PID (ppm)		6				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1035				
Comments		70° overcast				
		Turbidity senso	or not working	g, using vist	ual observati	ions
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1002	4.86	0.29	999	12.57	13.37	130
1007	4.83	0.286	462	9.78	12.91	145
1012	4.84	0.281	244	9.42	12.93	161
1017	4.83	0.279	177	9.42	12.87	165
1022	4.83	0.278	150	9.49	12.85	174
1027	4.8	0.278	<50	9.46	12.81	177
1032	4.79	0.277	<50	9.47	12.79	179

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Site	е		
Date		05/05/06		Sampler	CAH	
Well ID		EW-14D		WQ Meter	Horiba U-2	2 (site)
Screen Int D	Oth (ft bgs)	170-175		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-70.3-[-75.3]		Pump	1/2 HP	
Purge Start		1201				
Purge End		1337				
Flow Rate (gal/min)	8.5				
Purge Vol (gal)	816				
Drill vol inte	rval (gal)	100				
PID (ppm)		9				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1337				
Comments		75° overcast				
		Turbidity senso	or not working	g, using vist	ual observat	ions
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1208	6.3	0.171	728	12.69	16.68	-218
1213	6.01	0.221	435	5.18	15.87	-184
1218	5.85	0.225	<50	4.66	14.36	-69
1226	5.64	0.206	<50	5.67	13.05	14
1231	5.5	0.208	<50	6.46	12.85	40
1236	5.48	0.205	<50	6.76	12.78	51
1241	5.42	0.203	<50	7.08	12.69	62
1246	5.37	0.201		7.33	12.74	71
1251	5.31	0.198	<50	7.62	12.67	83
1256	5.28	0.196	<50	7.59	12.53	90
1301	5.25	0.195	<50	7.47	12.61	98
1306	5.20	0.194	<50	7.74	12.57	109
1311	5.17	0.192		7.85	12.58	121
1316	5.14	0.191	<50	8.02	12.55	133
1321	5.12	0.190	<50	8.18	12.52	142
1326	5.10	0.190	<50	8.29	12.48	151
1331	5.08	0.188	<50	8.35	12.43	158
1336	5.05	0.188	<50	8.49	12.40	160

Groundw	ater Sam	pling Log				
Claremo	nt Polych	emical Supe	erfund Sit	е		
Date		05/05/06		Sampler	CAH	
Well ID		EW-14D		WQ Meter	Horiba U-22	2 (site)
Screen Int [Oth (ft bgs)	190-195		PID	2020 Photo	vac (site)
Screen Int El	(ft amsl)	-90.3-[-95.3]		Pump	1/2 HP	
Purge Start		1447				
Purge End		1605				
Flow Rate (gal/min)	8.5				
Purge Vol (gal)	663				
Drill vol inte	rval (gal)	200				
PID (ppm)		0				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	1605				
Comments		75° overcast				
		Turbidity senso	or not working	g, using visu	ual observati	ions
Time	pН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm		0.1 or 10%	± 0.5 ℃	± 10 mV
1457	6.25	0.115		9.46	18.36	-90
1502	6.15	0.109		5.01	16.88	-76
1507	5.89	0.104		4.44	15.14	3
1512	5.72	0.102		5.12	14.37	39
1517	5.58			5.98		63
1522	5.51	0.093		6.2	13.38	78
1527	5.44	0.100		6.51	13.12	84
1532	5.40	0.098		6.72	13.10	93
1537	5.36	0.096		6.93	12.93	101
1542	5.32	0.095	<50	6.98	12.93	109
						447
1547	5.29	0.093		7.06	12.94	117
1547 1552	5.29 5.22	0.092	<50	7.06	12.86	117
1547	5.29		<50			

Groundw	ater Sam	pling Log				
		emical Supe	erfund Site	Δ		
Olai Cilloi	iit i Oiyon	cimoai oapi	Jirana Oit			
Date		05/06/06		Sampler	CAH	
Well ID		EW-14D			Horiba U-2	2 (site)
Screen Int [Oth (ft bgs)	210-215		Pump	1/2 HP	
Screen Int El	(ft amsl)	-110.3-[-115.3]				
Purge Start		820				
Purge End		920				
Flow Rate (gal/min)	10.7				
Purge Vol (gal)	642				
Drill vol inte	rval (gal)	150				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tim	ne	923				
Comments		68° sunny				
		Turbidity sense	or not working	g, using vist	ıal observat	ions
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
830	5.36	0.139	854	10.48	14.35	-83
835	5.51	0.077	560	6.22	13.12	-33
840	5.41	0.070	50-100	7.04	12.91	3
845	5.34		50-100	7.57	12.82	20
850	5.3	0.060	50-100	8.01	12.74	39
855	5.24	0.057	<50	8.45	12.67	55
900	5.21	0.056	<50	8.52	12.63	68
905	5.17	0.055	<50	8.9	12.37	80
910	5.16	0.055	<50	9.01	12.37	89
915	5.12	0.054	<50	8.99	12.28	96
920	5.12	0.054	<50	9.04	12.28	99

Groundy	vater Sam	pling Log				
		emical Sup	erfund Site	e		
Olai Ollio		lomour Gup				
Date		05/06/06		Sampler	CAH	
Well ID		EW-14D		WQ Meter	Horiba U-22	2 (site)
Screen Int I	Oth (ft bgs)	260-265		Pump	1/2 HP	
Screen Int El	(ft amsl)	-160.3-[-165.3]		-		
Purge Start		1353				
Purge End		1452				
Flow Rate (gal/min)	8.5				
Purge Vol (gal)	500				
Drill vol inte	rval (gal)	200				
Sample		2 HCI VOAs fo	r VOCs			
Sample Tin	ne	1452				
Comments		70° mostly clou	ıdy			
		Turbidity sense	or not working	g, using vist	ual observati	ons
Time	рН	Con	Tur	DO	Temp	ORP
5 min	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1405	5.61	0.092	100-300	8.06	18.21	-24
1410	5.72	0.086	100-300	4.41	16.57	-38
1415	5.71	0.079	100	3.62		-10
1420	5.64	0.075	<50	3.86	14.83	7
1425	5.59	0.072	<50	4.34	14.25	23
1430	5.55	0.071	<50	4.99	14.03	31
1435	5.54	0.069	<50	5.55		38
1440	5.53	0.068	<50	5.92	13.67	44
1445	5.48	0.066	<50	6.2	13.46	49
1450	5.46	0.065	<50	6.38	13.40	53

APPENDIX H

Groundwater Sampling Laboratory Reports



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Thursday, December 15, 2005

Richard Cronce Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0512158

American Analytical Laboratories, LLC. received 1 sample(s) on 12/15/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

i Blyl

Date: 15-Dec-05

CLIENT: Scientific Applications International Corp.

Project: Clarem

Lab Order:

Claremont Work Order Sample Summary 0512158

Lab Sample ID Client Sample ID Tag Number Collection Date Date Received

0512158-01A EW10D/135/24 7392 12/15/2005 8:35:00 AM 12/15/2005

AMERICAN ANALYTICAL BORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

(N) (T) (T) TAG # / COC

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

	CLIENT NAME/ADDRESS	CHAIN	CHAIN OF CUSTODY		/ REQUEST FOR ANALYSIS DOCUMENT SAMPLE(Carlot Any SEALED SEALED SEALED	rsis docu	SAMPLE(S) SEALED	YES / NO
					Me (PRINT)	~SS	CORRECT CONTAINER(S)	YES / NO
	PROJECT LOCATION: $Clav$	Clarement	1		CRAIN ORA			FOR
	LABORATORY ID #	MATRIX # CON-	SAMPLING SAMPLING SS DATE/	SAMPLE # - LOCATION			METF	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
95	W-8517159	64 2	12-15-05	12-15-05 JA3SEW10D/135/34	X		Più	
_ 								
						COOLER	COOLER TEMPERATURE:	
	×	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS;	; A-AIR; W=WIPE; P=	-PAINT CHIPS; B=BULK MATERIAL	TURNAROUND REQUIRED;	COMMEN	COMMENTS / INSTRUCTIONS	
	TYPE G=GRAB;	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	S=SPLIT SPOON		NORMAL STAT BY		70	
	RELINQUISHED BY (SIGNATURE)	(SIGNATURE)		PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE/U	PRINTED NAME	
	Carry	hay far	TIME &	Cally Mass	tw)	TS &	(7.14.0g	6000
	RELINQUISHED BY (SIGNATURE)	(SIGNATURE)		PRINTED NÂME	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME	
			TIME			TIME		:

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

Date: 15-Dec-05

CLIENT:

Scientific Applications International Corp.

Date Received: 12/15/2005

Client Sample ID: EW10D/135/24

Lab Order:

0512158

Tag Number: 7392

Project:

Claremont

Lab ID:

0512158-01A

Collection Date: 12/15/2005 8:35:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260	В		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
1,1,1-Trichloroethane	12	1.0	μg/L	1	12/15/2005 9:27:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	µg/L	1	12/15/2005 9:27:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
1,1-Dichloroethane	1.3	1.0	μg/L	1	12/15/2005 9:27:00 AM
1,1-Dichloroethene	6.1	1.0	μg/L	1	12/15/2005 9:27:00 AM
1,2-Dibromoethane	U	1.0	µg/L	1	12/15/2005 9:27:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
2-Butanone	Ū	1.0	μg/L	1	12/15/2005 9:27:00 AM
2-Hexanone	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1 '	12/15/2005 9:27:00 AM
Acetone	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Acrylonitrile	υ	1.0	µg/L	1	12/15/2005 9:27:00 AM
Benzene	Ŭ	1.0	μg/L	1	12/15/2005 9:27:00 AM
Bromochloromethane	U	1.0	. µg/L	1	12/15/2005 9:27:00 AM
Bromodichloromethane	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Bromoform	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Bromomethane	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Carbon disulfide	U	1.0	μg/L₌	1	12/15/2005 9:27:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Chlorobenzene	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Chloroethane	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Chloroform	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Chloromethane	Ü	1.0	µg/L	1	12/15/2005 9:27:00 AM
cis-1,2-Dichloroethene	34	1.0	μg/L	1	12/15/2005 9:27:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Dibromochloromethane	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Ethylbenzene	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
m,p-Xylene	Ü	2.0	μg/L	1	12/15/2005 9:27:00 AM
Methyl tert-butyl ether	3.0	1.0	μg/L	1	12/15/2005 9:27:00 AM
Methylene chloride	. U	1.0	μg/L	1	12/15/2005 9:27:00 AM
o-Xylene	Ũ	1.0	μg/L	1	12/15/2005 9:27:00 AM
-	Ü	1.0	μg/L	1	12/15/2005 9:27:00 AM
Styrene Tetrachloroethene	11	1.0	μg/L	1	12/15/2005 9:27:00 AM
Toluene	1.9	1.0	μg/L	1	12/15/2005 9:27:00 AM
trans-1,2-Dichloroethene	U	1.0	µg/L	1	12/15/2005 9:27:00 AM
trans-1,2-Dichloropropene	U	1.0	μg/L	1	12/15/2005 9:27:00 AM
Trichtoroethene	29	1.0	μg/L	1	12/15/2005 9:27:00 AM
Vinyl chloride	U	1.0	μg/L	1	12/15/2005 9:27:00 AM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Ε Value above quantitation range
- Analyte detected below quantitation limits J
- Spike Recovery outside accepted recovery limits S
- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- Indicates the compound was analyzed for but not detecte Page 1 of





NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Thursday, December 15, 2005

Richard Cronce Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0512163

American Analytical Laboratories, LLC. received 2 sample(s) on 12/15/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Blyes

Date: 15-Dec-05

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0512163

Work Order Sample Summary

 Lab Sample ID
 Client Sample ID
 Tag Number
 Collection Date
 Date Received

 0512163-01A
 EW10D/155/4
 7393
 12/15/2005 11:50:00 AM
 12/15/2005

 0512163-02A
 CPC-01-EW10D
 7393
 12/15/2005 11:53:00 AM
 12/15/2005

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735

(631) 454-6100 • FAX (631) 454-8027

CTDOH NJDEP PADEP TAG # / COC 7393

PH-0205 NY050 68-573 NYSDOH

11418

' FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] PID= 9.7ppm SAMPLES COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT RECEIVED BY LAB (SIGNATURE) RECEIVED BY LAB (SIGNATURE) ВҰ SAMPLER NAME (PRINT)
COSTIN HA SAMPLER (SIGNATURE) TURNAROUND REQUIRED: 2004 OBAINO BA R NORMAL [] SAMPLE # - LOCATION 12-15-5/1153 CPC-01- EWIGE MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 12-15-05/1150 EWIOD/155/4 DATE 25 PRINTED NAME TIME 213 Cathy Huss PRINTED NAME Anolyn EWIOD/155/4 CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE MATRIX # CON-7 d RELINQUISHED BY (SIGNATURE) RELINQUÍSHED BY (SIGNATURE) 3 3 CLIENT NAME/ADDRESS Clarement PROJECT LOCATION: 1372163-1A 82 LABORATORY ID # TYPE

TIME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

TIME

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
Е	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 15-Dec-05

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW10D/155/4

Lab Order:

0512163

Tag Number: 7393

Project:

Claremont

Collection Date: 12/15/2005 11:50:00 AM

Lab ID:

0512163-01A

Date Received: 12/15/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	260B			Analyst: SB
1,1,1,2-Tetrachioroethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
1,1,1-Trichloroethane	130	1.0		µg/L	1	12/15/2005 1:23:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
1,1,2-Trichloroethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
1,1-Dichloroethane	13	1.0		μg/L	1	12/15/2005 1:23:00 PM
1,1-Dichloroethene	81	1.0		µg/L	1	12/15/2005 1:23:00 PM
1,2-Dibromoethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
1,2-Dichloroethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
1,2-Dichloropropane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
2-Butanone	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
2-Hexanone	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
4-Methyl-2-pentanone	U	1.0		μg/Ł	1	12/15/2005 1:23:00 PM
Acetone	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Acrylonitrile	U	1.0		µg/L	1	12/15/2005 1:23:00 PM
Benzene	U	1.0		μg/L	1	-12/15/2005 1:23:00 PM
Bromochloromethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Bromodichloromethane	Ų	1.0		µg/L	1	12/15/2005 1:23:00 PM
Bromoform	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Bromomethane	Ū	1.0		μg/L	1	12/15/2005 1:23:00 PM
Carbon disulfide	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Carbon tetrachloride	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Chlorobenzene	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Chloroethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Chloroform	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Chloromethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
cis-1,2-Dichloroethene	89	1.0		μg/L	1	12/15/2005 1:23:00 PM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Dibromochloromethane	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Ethylbenzene	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
m,p-Xylene	U	2.0		μg/L	1	12/15/2005 1:23:00 PM
Methyl tert-butyl ether	5.8	1.0		μg/L	1	12/15/2005 1:23:00 PM
Methylene chloride	U	1.0	В	μg/Ľ	1	12/15/2005 1:23:00 PM
o-Xylene	U	1.0		μg/L	1	12/15/2005 1:23:00 PM
Styrene	Ū	1.0		μg/L	1	12/15/2005 1:23:00 PM
Tetrachloroethene	62	1.0		μg/L	1	12/15/2005 1:23:00 PM
Toluene	U	1.0	В	μg/L	1	12/15/2005 1:23:00 PM
trans-1,2-Dichloroethene	บ	1.0		μg/L	1	12/15/2005 1:23:00 PN
trans-1,3-Dichloropropene	U	1.0		μg/L	1	12/15/2005 1:23:00 PN
Trichloroethene	240	1.0		μg/L	1	12/15/2005 1:23:00 PM
Vinyl chloride	Ü	1.0		μg/L	1	12/15/2005 1:23:00 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - U Indicates the compound was analyzed for but not detecte Page 1 of,

of a of

Date: 15-Dec-05

CLIENT:

Scientific Applications International Corp.

Client Sample ID: CPC-01-EW10D

Lab Order:

0512163

Tag Number: 7393

Project:

Claremont

Collection Date: 12/15/2005 11:53:00 AM

Lab ID:

0512163-02A

Date Received: 12/15/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual 1	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B			Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	ŀ	ug/L	1	12/15/2005 2:00:00 PM
1,1,1-Trichloroethane	130	1.0	ļ	ug/L	1	12/15/2005 2:00:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	ŀ	ug/L	1	12/15/2005 2:00:00 PM
1,1,2-Trichloroethane	U	1.0	ļ	ug/L	1	12/15/2005 2:00:00 PM
1,1-Dichloroethane	12	1.0	ļ	ug/L	1	12/15/2005 2:00:00 PM
1,1-Dichloroethene	82	1.0	ŀ	ug/L	1	12/15/2005 2:00:00 PM
1,2-Dibromoethane	U	1.0	ŀ	ug/L	. 1	12/15/2005 2:00:00 PM
1,2-Dichloroethane	U	1.0	ŀ	ug/L	1	12/15/2005 2:00:00 PM
1,2-Dichloropropane	U	1.0	ŀ	ug/L	1	12/15/2005 2:00:00 PM
2-Butanone	U	1.0	Ļ	ıg/L	1	12/15/2005 2:00:00 PM
2-Hexanone	υ	1.0	Ļ	ug/L	1	12/15/2005 2:00:00 PM
4-Methyl-2-pentanone	U	1.0		.ig/L	1	12/15/2005 2:00:00 PM
Acetone	υ	1.0		ug/L	1	12/15/2005 2:00:00 PM
Acrylonitrile	υ	1.0		ug/L	1	12/15/2005 2:00:00 PM
Benzene	υ	1.0		ug/L	1	12/15/2005 2:00:00 PM
Bromochloromethane	Ū	1.0		ug/L	1	12/15/2005 2:00:00 PM
Bromodichloromethane	U	1.0		ıg/L	1	12/15/2005 2:00:00 PM
Bromoform	U	1.0		ug/L	1	12/15/2005 2:00:00 PM
Bromomethane	U	1.0		ug/L	1	12/15/2005 2:00:00 PM
Carbon disulfide	U	1.0		ug/L	1	12/15/2005 2:00:00 PM
Carbon tetrachloride	Ū	1.0		ıg/L	1	12/15/2005 2:00:00 PM
Chlorobenzene	Ū	1.0		ug/L	1	12/15/2005 2:00:00 PM
Chloroethane	Ü	1.0		ug/L	1	12/15/2005 2:00:00 PM
Chloroform	Ū	1.0		ug/L	1	12/15/2005 2:00:00 PM
Chloromethane	Ū	1.0		ug/L	1	12/15/2005 2:00:00 PM
cis-1,2-Dichloroethene	88	1.0		ug/L	1	12/15/2005 2:00:00 PM
cis-1,3-Dichloropropene	U	1.0		ug/L	1	12/15/2005 2:00:00 PM
Dibromochloromethane	Ü	1.0		ug/L	1	12/15/2005 2:00:00 PM
Ethylbenzene	Ú	1.0		ug/L	1	12/15/2005 2:00:00 PM
m,p-Xylene	Ü	2.0		ug/L	1	12/15/2005 2:00:00 PM
Methyl tert-butyl ether	5.5	1.0		ug/L	1	12/15/2005 2:00:00 PM
•	J.J U	1.0		ug/L	1	12/15/2005 2:00:00 PM
Methylene chloride	υ	1.0	,	ug/L	1	12/15/2005 2:00:00 PM
o-Xylene	Ŭ	1.0		ug/L	1	12/15/2005 2:00:00 PM
Styrene	60	1.0		ug/L	1	12/15/2005 2:00:00 PM
Tetrachloroethene	U	1.0		ug/L	1	12/15/2005 2:00:00 PM
Toluene	U	1.0		ug/L	1	12/15/2005 2:00:00 PM
trans-1,2-Dichloroethene	U	1.0		ug/L	1	12/15/2005 2:00:00 PM
trans-1,3-Dichloropropene Trichloroethene	240	1.0		ug/L	1	12/15/2005 2:00:00 PM
Vinyl chloride	240 U	1.0		ug/L	1	12/15/2005 2:00:00 PM

Qualifiers:

Value exceeds Maximum Contaminant Level

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank В

Holding times for preparation or analysis exceeded H

ND Not Detected at the Reporting Limit

Indicates the compound was analyzed for but not deter Page



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Friday, December 16, 2005

Richard Cronce Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0512170

American Analytical Laboratories, LLC. received 1 sample(s) on 12/15/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 16-Dec-05

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0512170

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0512170-01A

EW10D/215/-56

7394

12/15/2005 3:35:00 PM

12/15/2005

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC_

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

CHAIN OF CLISTONY / RECLIEST FOR ANALYSIS DOCLIMENT

			5	0000		ה ה	A 401	NALIO	OR AIMALTOIS DOCUMENT		_	
CLIENT NAME/ADDRESS	SS			CONTACT	H	<u> </u>	SAMPLER (SIGNATURE)	RE)		SAMPLE(S) SEALED		YES / NO
SAIC		į	·				SAMPLER NAME (PRINT)	lint)		CORRECT CONTAINER(S)		YES / NO
PROJECT LOCATION: [Lavemont	1						OBUINOS SIS A TANA					OR
LABORATORY ID #	MATRIX # CON-	# CON- TAINERS	SAMPLING DATE/ TIME	ING	SAMPLE # - LOCATION		307				METHANO SA (VOLAT	METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
Br-0417180	SW	es	12.15.05/15.35	T	EW100/315/-5	56	2				AD197 POW	1 Por
									COOLER	COOLER TEMPERATURE	RE:	
×	QUID; SL=SI	LUDGE; A-	AIR; W=WIPE;	P=PAINT C	B=BULK MATERIAL	TURNARC	TURNAROUND REQUIRED:		COMMEN	COMMENTS / INSTRUCTIONS	SHONS	
IYPE G=GRAB; C	=COMPOS	ITE, SS=8	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON			NORMAL	□ STAT □	ВУ /		50		
RELINQUISHED BY (SIGNATURE)	IGNATURE		DATE	PRINTED NAM	NAME	RECEIVE	RECEIVED BY LAB (SIGNATUR	NATURE	DATE 215	PRINTED NAME	AMĘ	
Cath Afras	_	•′	24	Cathy	y Huss			7	TIME	74.4 W	Chows	
RELINQUISHED BY (SIGNATURE)	IGNATURE		DATE (PRINTED NAM	NAME	RECEIVE	RECEIVED BY LAB (SIGNATURE)	NATURE)	DATE	PRINTED NAME	AME	
		-	TIME						TIME			

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U .	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N :	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon,

H Indicates sample was received and/or analyzed outside of The method allowable holding time

the flag is not used.

CLIENT:

Scientific Applications International Corp.

Lab Order:

0512170

Project:

Claremont

Lab ID:

0512170-01A

Date Received: 12/15/2005

Date: 16-Dec-05

Client Sample ID: EW10D/215/-56

Tag Number: 7394

Collection Date: 12/15/2005 3:35:00 PM

Matrix: LIQUID

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B		
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	Analyst: SB
1,1,1-Trichloroethane	160	1.0	µg/L	1	12/15/2005 4:30:00 PM
1,1,2,2-Tetrachloroethane	υ	1.0	µg/L	1	12/15/2005 4:30:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
1,1-Dichloroethane	18	1.0	µg/L	1	12/15/2005 4:30:00 PM
1,1-Dichloroethene	120	1.0	µg/L	1	12/15/2005 4:30:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
1,2-Dichloropropane	Ū	1.0	μg/L		12/15/2005 4:30:00 PM
2-Butanone	Ü	1.0	μg/L	1	12/15/2005 4:30:00 PM
2-Hexanone	Ü	1.0		1	12/15/2005 4:30:00 PM
4-Methyl-2-pentanone	Ü	1.0	µg/L	1	12/15/2005 4:30:00 PM
Acetone	Ü	1.0	μg/L	1	12/15/2005 4:30:00 PM
Acrylonitrile	Ü	1.0	µg/L	1	12/15/2005 4:30:00 PM
Benzene	U	1.0	µg/L	1	12/15/2005 4:30:00 PM
Bromochloromethane	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
Bromodichloromethane	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
Bromoform	U		µg/L	1	12/15/2005 4:30:00 PM
Bromomethane	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
Carbon disulfide	U	1.0	μg/L 	1	12/15/2005 4:30:00 PM
Carbon tetrachloride		1.0	μg/L 	1	12/15/2005 4:30:00 PM
Chlorobenzene	Ü	1.0	µg/L	1	12/15/2005 4:30:00 PM
Chloroethane	U	1.0	µg/L	1	12/15/2005 4:30:00 PM
Chloroform	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
Chloromethane	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
cis-1,2-Dichloroethene	U	1.0	µg/L	1	12/15/2005 4:30:00 PM
cis-1,3-Dichloropropene	12	1.0	μg/L	1	12/15/2005 4:30:00 PM
Dibromochloromethane	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
Ethylbenzene	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
n,p-Xylene	U	1.0	μg/L.	1	12/15/2005 4:30:00 PM
Methyl tert-butyl ether	U	2.0	µg/L	1	12/15/2005 4:30:00 PM
Methylene chloride	U	1.0	µg/L	1	12/15/2005 4:30:00 PM
	U	1.0	B μg/L	1	12/15/2005 4:30:00 PM
-Xylene	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
tyrene	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
etrachloroethene	39	1.0	μg/L	1	12/15/2005 4:30:00 PM
oluene	U	1.0	B μg/L	1	12/15/2005 4:30:00 PM
ans-1,2-Dichloroethene	U	1.0	µg/L	1	12/15/2005 4:30:00 PM
ans-1,3-Dichloropropene	U	1.0	μg/L	1	12/15/2005 4:30:00 PM
richloroethene	42	1.0	µg/L	1	12/15/2005 4:30:00 PM
/inyl chloride	U	1.0	μg/L	1	12/15/2005 4:30:00 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte $$\operatorname{\textbf{Page 1}}$$ of





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Friday, December 16, 2005

Richard Cronce Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0512185

American Analytical Laboratories, LLC. received 1 sample(s) on 12/16/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 16-Dec-05

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0512185

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0512185-01A

EW10D/235/-76

7395

12/16/2005 3:00:00 PM

12/16/2005

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TAG # / COC_

CHENT NAME AND DECO	001									
	9			CONIACI	<u></u>		SAMPLEK (SIGNALUKE)		SAMPLE(S) SEALED	YES / NO
) ±0		:					SAMPLER NAME (PRINT)		CORRECT CONTAINER(S)	R(S) YES / NO
PROJECT LOCATION: Clarency	- trov			i			SIS TANK			
LABORATORY ID #	MATRIX # CON-	# CON-	SAMPLING DATE/ TIME	ING S	SAMPLE # - LOCATION		500			METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
B1-58/2150	<i>(m 9)</i>	7	12-16-05/1503 EWI	1503 6	JF-/286/001M3		4			
				:						
										A CONTRACTOR OF THE PARTY OF TH
								COOLER	COOLER TEMPERATURE;	
MATRIX S=SOIL; L=LI	IQUID; SL=SI	LUDGE; A~	AIR; W=WIPE;	P=PAINT C	S=SOIL: L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNARC	TURNAROUND REQUIRED:	COMME	COMMENTS / INSTRUCTIONS	ONS
TYPE G=GRAB; C	:=coMPos	ite, SS=S	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON			NORMAL	/ YB STATE C	_	> /	
RELINQUISHED BY (SIGNATURE)	SIGNATURE		DATE .05	PRINTED NAME	NAME	RECEIVE	RECEIVED BY LAB (SIGNAT RB)	DATE 12 161 98	D PANTAED	NE
Cath Huss	8		TIME 1512	, Cata	Y F.S		*	SIME	<u>₹</u>	graph
RELINQUISHED BY (SIGNATURE)	SIGNATURE		DATE	PRINTED NAME	NAME	RECEIVE	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME	AE
			TIME					TIME	· · · · · ·	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

H

Date: 16-Dec-05

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW10D/235/-76

Lab Order:

0512185

Tag Number: 7395

Project:

Claremont

Collection Date: 12/16/2005 3:00:00 PM

Lab ID:

0512185-01A

Date Received: 12/16/2005

Matrix: LIQUID

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260)B		Analyst: LDS
1,1,1,2-Tetrachloroethane	υ	1.0	μg/L	1	12/16/2005 4:01:00 PM
1,1,1-Trichloroethane	9.9	1.0	μg/L	1	12/16/2005 4:01:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
1,1-Dichloroethane	6.4	1.0	μg/L	1	12/16/2005 4:01:00 PM
1,1-Dichloroethene	6.8	1.0	μg/L	1	12/16/2005 4:01:00 PM
1,2-Dibromoethane	Ŭ	1.0	μg/L	1	12/16/2005 4:01:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
2-Butanone	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
2-Hexanone	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
4-Methyl-2-pentanone	U	1.0	µg/L	1	12/16/2005 4:01:00 PM
Acetone	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Acrylonitrile	ឋ	1.0	μg/L	1	12/16/2005 4:01:00 PM
Benzene	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Bromochloromethane	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Bromodichloromethane	υ	1.0	μg/L	1	12/16/2005 4:01:00 PM
Bromoform	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Bromomethane	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Carbon disulfide	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Chlorobenzene	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Chloroethane	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Chloroform	U	1.0	µg/L	1	12/16/2005 4:01:00 PM
Chloromethane	บ	1.0	μg/L	1	12/16/2005 4:01:00 PM
cis-1,2-Dichloroethene	6.6	1.0	μg/L	1	12/16/2005 4:01:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Dibromochloromethane	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Ethylbenzene	U	1.0	µg/L	1	12/16/2005 4:01:00 PM
m,p-Xylene	1.6	2.0 J		1	12/16/2005 4:01:00 PM
Methyl tert-butyl ether	υ	1.0	μg/L	1	12/16/2005 4:01:00 PM
Methylene chloride	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
o-Xylene	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Styrene	U	1.0	µg/L	1	12/16/2005 4:01:00 PM
Tetrachloroethene	24	1.0	μg/L	1	12/16/2005 4:01:00 PM
Toluene	2.3	1.0	μg/L	1	12/16/2005 4:01:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L,	1	12/16/2005 4:01:00 PM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	12/16/2005 4:01:00 PM
Trichloroethene	57	1.0	μg/L	1	12/16/2005 4:01:00 PM
Vinyl chloride	U	1.0	μg/L	1	12/16/2005 4:01:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of γ





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Saturday, December 17, 2005

Richard Cronce Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0512198

American Analytical Laboratories, LLC. received 2 sample(s) on 12/17/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Blyen

Date: 17-Dec-05

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Potable Water

Lab Order:

0512198

Work Order Sample Summary

Lab Sample ID Client Sample ID
0512198-01A EW10D/255/-96

Tag Number 7404 Collection Date 12/17/2005

12/17/2005

Date Received 12/17/2005 12/17/2005

0512198-02A

7404

AMERICAN ANAIVIICAL ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC___

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

		CH	AIN C	CHAIN OF CUSTODY	STO		EST	FOR	/ REQUEST FOR ANALYSIS DOCUMENT	IS DOC	UME	HZ	2.200
	CLIENT NAME/ADDRESS	ESS			CONTACT			SAMPLER (SIGN	SAMPLER (SIGNATURE)		SAN	SAMPLE(S)	
	SAIC							SAMPLER NAME (PRINT)	(PRINT)		98 000 000	SEALED CORRECT CONTAINER(S)	YES NO YES/NO
	PROJECT LOCATION: Classmchy	74						SISTIMA					25
	LABORATORY ID#	MATRIX	MATRIX # CON-	SAMPLING DATE/ TIME	N S	SAMPLE # - LOCATION						METH-	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
*	10267150	66		12-17-05 / 850 EWID	350 6			2				PD =	Q ppm
	9	7	8	028/82011-01		Potate With		Q					
<u> </u>													
<u> </u>													
·						4							
	Analyze E	810	Sc/Q	EWIØD/355/-96		12+1				COOLET	COOLER TEMPERATURE:	4TURE:	
	MATRIX S=SOIL; L=LI Type G=GRAB; C	IQUID; SL=S	SLUDGE; A-	S=SOIL; L=LIQUID; SL=SLUBGE; A-AIR; W=WIPE; G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	P=PAINT C	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	TURNAROU NORMAL	TURNAROUND REQUIRED:	ED: 8Y /	COMME	COMMENTS / INSTRUCTIONS	RUCTIONS	
	RELINQUISHED BY (SIGNATURE)	BY (SIGNATURE		DATE STIME TIME	PRINTED NAME	CERY MSS	REGEN	RECEIVED BY LAB (SIGNATURE)	SIGNATURE)	ならる	PRINTE	PRINTED NAME (DM BOY)	3
	RELINQUISHED BY (SIGNATURE)	SIGNATURE		DATE	PRINTED NAME	NAME	RECEIVI	RECEIVED BY LAB (SIGNATURE)	SIGNATURE)	DATE	PRINTE	PRINTED NAME	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U .	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 17-Dec-05

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW10D/255/-96

Lab Order:

0512198

Tag Number: 7404

Project:

Claremont

Collection Date: 12/17/2005

Lab ID:

0512198-01A

Date Received: 12/17/2005

Matrix: LIQUID

Analyses	Result	Limit Q	ıal Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260)B		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
1,1,1-Trichloroethane	Ŭ	1.0	μg/L	1	12/17/2005 11:06:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
1,1,2-Trichloroethane	U	1.0	µg/L	1	12/17/2005 11:06:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
1,1-Dichloroethene	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
2-Butanone	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
2-Hexanone	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Acetone	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Acrylonitrile	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Benzene	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Bromochloromethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Bromodichloromethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Bromoform	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Bromomethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Carbon disulfide	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Carbon tetrachloride	υ	1.0	μg/L	1	12/17/2005 11:06:00 AM
Chlorobenzene	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Chloroethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Chloroform	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Chloromethane	υ	1.0	μg/L	1	12/17/2005 11:06:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Dibromochloromethane	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Ethylbenzene	υ	1.0	μg/L	1	12/17/2005 11:06:00 AM
m,p-Xylene	U	2.0	μg/L	1	12/17/2005 11:06:00 AM
Methyl tert-butyl ether	U	1,0	μg/L	1	12/17/2005 11:06:00 AM
Methylene chloride	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
o-Xylene	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Styrene	U	1.0	μg/L	1	12/17/2005 11:06:00 AM
Tetrachloroethene	Ū	1.0	μg/L	1	12/17/2005 11:06:00 AM
Toluene	Ü	1.0	µg/L	1	12/17/2005 11:06:00 AM
trans-1,2-Dichloroethene	Ū	1.0	μg/L	1	12/17/2005 11:06:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	12/17/2005 11:06:00 AM
Trichloroethene	Ü	1.0	μg/L	1	12/17/2005 11:06:00 AM
Vinyl chloride	ŭ	1.0	μg/L	1	12/17/2005 11:06:00 AM

Qualifiers:

etecte e 1 of 4

Value exceeds Maximum Contaminant Level

E Value above quantitation range

I Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

II Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

U Indicates the compound was analyzed for but not detecte Page 1 of #

Date: 17-Dec-05

CLIENT:

Scientific Applications International Corp.

Client Sample ID: Potable Water

Lab Order:

0512198

Tag Number: 7404

Project:

Claremont

Collection Date: 12/17/2005

Lab ID:

0512198-02A

Date Received: 12/17/2005

Matrix: LIQUID

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260			Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	µg/L	1	12/17/2005 11:43:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
1,1,2-Trichloroethane	U	1.0	µg/L	1	12/17/2005 11:43:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
1,1-Dichloroethene	U	1.0	µg/L	1	12/17/2005 11:43:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
2-Butanone	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
2-Hexanone	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Acetone	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Acrylonitrile	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Benzene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Bromochloromethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Bromodichloromethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Bromoform	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Bromomethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Carbon disulfide	υ	1.0	μg/L	1	12/17/2005 11:43:00 AM
Carbon tetrachloride	υ	1.0	μg/L	1	12/17/2005 11:43:00 AM
Chlorobenzene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Chloroethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Chloroform	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Chloromethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Dibromochloromethane	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Ethylbenzene	ប	1.0	μg/L	1	12/17/2005 11:43:00 AM
m,p-Xylene	U	2.0	μg/L	1	12/17/2005 11:43:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Methylene chloride	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
o-Xylene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Styrene	U	1.0	µg/L	1	12/17/2005 11:43:00 AM
Tetrachloroethene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Toluene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
trans-1,2-Dichloroethene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	12/17/2005 11:43:00 AM
Trichloroethene	υ	1.0	μg/L	1	12/17/2005 11:43:00 AM
Vinyl chloride	υ	1.0	μg/L	1	12/17/2005 11:43:00 AM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not deter Page 3



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Saturday, December 17, 2005

Richard Cronce Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE:

Dear Richard Cronce:

Order No.: 0512199

American Analytical Laboratories, LLC. received 1 sample(s) on 12/17/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 17-Dec-05

CLIENT:

Scientific Applications International Corp.

Project:

Lab Order: 0512199

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0512199-01A

EW10D/275/-116

7405

12/17/2005

12/17/2005

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC 7405

PH-0205

11418

NY050 68-573 NYSDOH CTDOH NJDEP PADEP

/ FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT SAMPLER (SIGNATURE)

CAH HAS

SAMPLER NAME (PRINT)

CATNY HUSS STATE TURNAROUND REQUIRED OBAINO BA NORMAL [] SAMPLE # - LOCATION J11-1>EW100/D3 MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-A(R; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 12-17-05/1150 EU-105/20-F1-51 CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON MATRIX # CON-3 O E Claimon CLIENT NAME/ADDRESS SAIC PROJECT LOCATION: LABORATORY ID #

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

RECEIVED BY LAB (SIGNATURE)

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PRINTED NAME

DATE TIME

RECEIVED BY LAB (SIGNATURE)

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

•	
Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
. J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 17-Dec-05

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW10D/275/-116

Lab Order:

0512199

Tag Number: 7405

Project:

Collection Date: 12/17/2005

Lab ID:

0512199-01A

Date Received: 12/17/2005

Matrix: LIQUID

Analyses	Result	Limit Q	ıal Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260)B		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
1,2-Dibromoethane	υ	1.0	μg/L	1	12/17/2005 12:54:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
2-Butanone	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
2-Hexanone	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Acetone	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Acrylonitrile	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Benzene	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Bromochloromethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Bromodichloromethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Bromoform	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Bromomethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Carbon disulfide	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Chlorobenzene	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Chloroethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Chloroform	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Chloromethane	Ŭ	1.0	μg/L	1	12/17/2005 12:54:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Dibromochloromethane	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
Ethylbenzene	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
m,p-Xylene	υ	2.0	μg/L	1	12/17/2005 12:54:00 PM
Methyl tert-butyl ether	υ	1.0	μg/L	1	12/17/2005 12:54:00 PM
Methylene chloride	U	1.0	μg/L	1	12/17/2005 12:54:00 PM
o-Xylene	Ū	1.0	μg/L	1	12/17/2005 12:54:00 PM
Styrene	Ü	1.0	μg/L	1	12/17/2005 12:54:00 PM
Tetrachloroethene	Ū	1.0	μg/L	1	12/17/2005 12:54:00 PM
Toluene	Ū	1.0	μg/L	1	12/17/2005 12:54:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	12/17/2005 12:54:00 PM
trans-1,3-Dichloropropene	Ū	1.0	μg/L	1	12/17/2005 12:54:00 PM
Trichloroethene	Ü	1.0	μg/L	1	12/17/2005 12:54:00 PM
Vinyl chloride	Ü	1.0	μg/L	1	12/17/2005 12:54:00 PM

Value exceeds Maximum Contaminant Level

Value above quantitation range Е

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Indicates the compound was analyzed for but not detecte Page 1 of 2



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Tuesday, December 20, 2005

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0512217

American Analytical Laboratories, LLC. received 2 sample(s) on 12/20/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 20-Dec-05

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0512217

Work Order Sample Summary

Lab Sample ID

0512217-01A

0512217-02A

Client Sample ID

EW12D/135/27

EW12D/155/7

Tag Number

7406 7406 Collection Date 12/19/2005 5:00:00 PM

12/20/2005 10:00:00 AM

Date Received

12/20/2005

12/20/2005

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC___

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

		CH	NIN	CHAIN OF CUSTODY	STO		EST	/ REQUEST FOR ANALYSIS DOCUMENT	SIS DOC	JMENT	20-00	
	CLIENT NAME/ADDRESS	ESS			CONTACT			SAMPLER (SIGNATURE)		SAMPLE(S)	O LA	
	70/	ě.						Cath Hay		SEALED	YES / NO	_
	フロン		į					SAMPLER NAME (PRINT) COLTY HAS		CORRECT CONTAINER(S)	YES / NO	_
	PROJECT LOCATION:	7						DIA ITOM				
	LABORATORY ID#	MATRIX # CON-	# CON-	SAMPLING DATE/ TIME	ING	SAMPLE # - LOCATION		1			HOR METHANOL PRESERVED SAMPLES (VOLATILE VIAL #)	Ω
Ŏ	41-622120	$\mathcal{C}\mathcal{D}$	0	12-19-05/1700		EUMS/35/2	27	X		J/d	PID=3.5 9Fm	Ľ
	42	66	a	12.20-05/1600 EWIZN	1 000 W	1351		×		are	11/2	
			T									
		-							COOLER	COOLER TEMPERATURE		
	×	.IQUID; SL=SI	LUDGE; A-	AIR; W=WIPE;	P=PAINT C	:HIPS; B≂BULK MATERIAL	TURNARC	TURNAROUND REQUIRED:	COMMEN	COMMENTS / INSTRUCTIONS	S	
	TYPE G=GRAB; C	>=COMPOS	ITE, SS={	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	:		NORMAL	O STAT IS BY		\ <u>`</u>		
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	RELINQUISHED BY (SIGNATURE)	SIGNATURE		DATE	PRINTED NAME	NAME	RECEIVI	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED N		Т
			· <u>.</u> .	TIME					TIME			•

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 20-Dec-05

CLIENT:

Scientific Applications International Corp.

Date Received: 12/20/2005

Lab Order:

0512217

Project: Lab ID:

Claremont

0512217-01A

Client Sample ID: EW12D/135/27

Tag Number: 7406

Collection Date: 12/19/2005 5:00:00 PM

Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	SUB		
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	4	Analyst: LDS
1,1,1-Trichloroethane	Ū	1.0	μg/L μg/L	1	12/20/2005 11:40:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	•	1	12/20/2005 11:40:00 AM
1,1,2-Trichloroethane	Ü	1.0	μg/L	1	12/20/2005 11:40:00 AM
1,1-Dichloroethane	Ū	1.0	μg/L	1	12/20/2005 11:40:00 AM
1,1-Dichloroethene	Ü	1.0	µg/L	1	12/20/2005 11:40:00 AM
1,2-Dibromoethane	Ü	1.0	μg/L	1	12/20/2005 11:40:00 AM
1,2-Dichloroethane	ŭ	1.0	μg/L	1	12/20/2005 11:40:00 AM
1,2-Dichloropropane	Ū	1.0	μg/L	1	12/20/2005 11:40:00 AM
2-Butanone	Ü	1.0	μg/L	1	12/20/2005 11:40:00 AM
2-Hexanone	Ü	1.0	µg/L	1	12/20/2005 11:40:00 AM
4-Methyl-2-pentanone	U		µg/L	1	12/20/2005 11:40:00 AM
Acetone	U	1.0 1.0	µg/L	1	12/20/2005 11:40:00 AM
Acrylonitrile	U		hg/r	1	12/20/2005 11:40:00 AM
Benzene	Ü	1.0	μg/L 	1	12/20/2005 11:40:00 AM
Bromochloromethane	U	1.0	µg/L	. 1	12/20/2005 11:40:00 AM
Bromodichloromethane	U	1.0	μg/L 	1	12/20/2005 11:40:00 AM
Bromoform		1.0	µg/L	1	12/20/2005 11:40:00 AM
Bromomethane	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Carbon disulfide	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Chlorobenzene	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Chloroethane	U	1.0	µg/L	1	12/20/2005 11:40:00 AM
Chloroform	U	1.0	µg/L	1	12/20/2005 11:40:00 AM
Chloromethane	U	1.0	µg/L	1	12/20/2005 11:40:00 AM
cis-1,2-Dichloroethene	U	1.0	µg/L	1	12/20/2005 11:40:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Dibromochloromethane	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Ethylbenzene	U	1.0	µg/L	1	12/20/2005 11:40:00 AM
	U	1.0	μ g/L	1	12/20/2005 11:40:00 AM
m,p-Xylene	U	2.0	μg/L	1	12/20/2005 11:40:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Methylene chloride	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
o-Xylene	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Styrene	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Tetrachloroethene	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Toluene	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
trans-1,2-Dichloroethene	υ	1.0	μg/L	1	12/20/2005 11:40:00 AM
rans-1,3-Dichloropropene	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
Frichloroethene	U	1.0	μg/L	1	12/20/2005 11:40:00 AM
/inyl chloride	U	1.0	μg/L	1	12/20/2005 11:40:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte Page 1 of 4

Date: 20-Dec-05

CLIENT:

Scientific Applications International Corp.

Lab Order:

0512217

Claremont

Project: Lab ID:

0512217-02A

Date Received: 12/20/2005

Client Sample ID: EW12D/155/7

Tag Number: 7406

Collection Date: 12/20/2005 10:00:00 AM

Matrix: LIQUID

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B	-	A
1,1,1,2-Tetrachloroethane	U	1.0	µg/L	1	Analyst: LDS
1,1,1-Trichloroethane	Ų	1.0	µg/L	1	12/20/2005 11:39:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
1,1,2-Trichloroethane	U	1.0	µg/L	1	12/20/2005 11:39:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
1,1-Dichloroethene	U	1.0	μg/L	1	12/20/2005 11:39:00 AN
1,2-Dibromoethane	U	1.0	μg/L	1	12/20/2005 11:39:00 AN
1,2-Dichloroethane	U	1.0	µg/L	1	12/20/2005 11:39:00 AN
1,2-Dichloropropane	Ü	1.0	μg/L		12/20/2005 11:39:00 AN
2-Butanone	Ū	1.0	μg/L	1	12/20/2005 11:39:00 AM
2-Hexanone	Ū	1.0	μg/L	1	12/20/2005 11:39:00 AM
4-Methyl-2-pentanone	Ū	1.0		1	12/20/2005 11:39:00 AM
Acetone	Ü	1.0	μg/L	1	12/20/2005 11:39:00 AM
Acrylonitrile	U	1.0	µg/L	1	12/20/2005 11:39:00 AM
Benzene	Ü	1.0	μg/L	1	12/20/2005 11:39:00 AM
Bromochloromethane	U		μg/L 	1	12/20/2005 11:39:00 AM
Bromodichloromethane	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
Bromoform	U	1.0	µg/∟ 	1	12/20/2005 11:39:00 AM
Bromomethane	U	1.0	μg/L 	1	12/20/2005 11:39:00 AM
Carbon disulfide	U	1.0	µg/L	1	12/20/2005 11:39:00 AM
Carbon tetrachloride		1.0	μg/L 	1	12/20/2005 11:39:00 AM
Chlorobenzene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
Chloroethane	U	1.0	µg/L	1	12/20/2005 11:39:00 AM
Chloroform	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
Chloromethane	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
cis-1,3-Dichloropropene	Ü	1.0	µg/L	1	12/20/2005 11:39:00 AM
Dibromochloromethane	U	1.0	µg/L	1	12/20/2005 11:39:00 AM
Ethylbenzene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
n,p-Xylene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
	U	2.0	μg/L	1	12/20/2005 11:39:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
Methylene chloride	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
-Xylene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
Styrene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
etrachloroethene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
oluene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
ans-1,2-Dichloroethene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
ans-1,3-Dichloropropene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
richloroethene	U	1.0	μg/L	1	12/20/2005 11:39:00 AM
inyl chloride	U	1.0	μg/L	1	12/20/2005 11:39:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Indicates the compound was analyzed for but not detecte Page 3 of 4



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Tuesday, December 20, 2005

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

Blyg

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0512222

American Analytical Laboratories, LLC. received 1 sample(s) on 12/20/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 20-Dec-05

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0512222

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0512222-01A

EW12D/175/-13

7407

12/20/2005 12:40:00 PM

12/20/2005

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC____

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

CHAIN	CHAIN OF CUSTODY / REQL	/ REQUEST FOR ANALYSIS DOCUMENT	DOCUMENT	
CLIENT NAME/ADDRESS	CONTACT:	SAMPLER (SIGNATURE)	SAMPLE(S) SEALED	YES / NO
5A/C		SAMPLER NAME (PRINT)	CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:		CENTROL SESTANA		FOR
LABORATORY MATRIX # CON- ID #	SAMPLING SAMPLE # - LOCATION S TIME		METHA (IVO)	METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
OS12222-14 6W 3	1-/21/02/MZ OHEI/20/175/-1	2	= Q/d	PID = R.7 pm
			COO! ER TEMPERATIER:	
MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-	MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	5	COMMENIS/INSTRUCTIONS	
ITYE GEGRAB; CECOMPOSTE, SSESPET SPOON	SPEII SPOON	NORMAL□ STAT		
TURE)	DATE PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE (220) PRINTED NAME	
Cath Thus	Times of Cathy Fix	P masi	TIME (P. MAST	Н
TURE)	DATE PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE PRINTED NAME	
	IME		TIME	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TiCs), where the identification is based on a mass spectral library search. It applies to all TiC results. For generic characterization of a TiC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

CLIENT:

Scientific Applications International Corp.

Lab Order:

0512222

Project:

Claremont

Lab ID:

0512222-01A

Date Received: 12/20/2005

Client Sample ID: EW12D/175/-13

Tag Number: 7407

Collection Date: 12/20/2005 12:40:00 PM

Date: 20-Dec-05

Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260	 	SW82	ene		Analysis I DO
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	Analyst: LDS 12/20/2005 1:51:00 PM
1,1,1-Trichloroethane	U	1.0	µg/L	1	12/20/2005 1:51:00 PM
1,1,2,2-Tetrachloroethane	Ū	1.0	µg/L	1	12/20/2005 1:51:00 PM
1,1,2-Trichloroethane	ប	1.0	µg/L	1	12/20/2005 1:51:00 PM
1,1-Dichloroethane	Ū	1.0	µg/L	1	12/20/2005 1:51:00 PM
1,1-Dichloroethene	U	1.0	µg/L	1	12/20/2005 1:51:00 PM
1,2-Dibromoethane	Ü	1.0	μg/L	1	12/20/2005 1:51:00 PM
1,2-Dichloroethane	Ū	1.0	μg/L	1	
1,2-Dichloropropane	Ü	1.0	μg/L	1	12/20/2005 1:51:00 PM
2-Butanone	Ü	1.0	μg/L	1	12/20/2005 1:51:00 PM
2-Нехапопе	ŭ	1.0	μg/L	1	12/20/2005 1:51:00 PM
4-Methyl-2-pentanone	ŭ	1.0	μg/L		12/20/2005 1:51:00 PM
Acetone	Ü	1.0		1	12/20/2005 1:51:00 PM
Acrylonitrile	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Benzene	Ü	1.0	μg/L	1	12/20/2005 1:51:00 PM
Bromochloromethane	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Bromodichloromethane	Ü	1.0	µg/L	1	12/20/2005 1:51:00 PM
Bromoform	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Bromomethane	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Carbon disulfide	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Chlorobenzene	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Chloroethane	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Chloroform	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Chloromethane	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
cis-1,3-Dichloropropene	U	1.0	µg/L	1	12/20/2005 1:51:00 PM
Dibromochloromethane	U	1.0	µg/L	1	12/20/2005 1:51:00 PM
Ethylbenzene	U		μg/L	1	12/20/2005 1:51:00 PM
m,p-Xylene	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Methyl tert-butyl ether	U	2.0	μg/L	1	12/20/2005 1:51:00 PM
Methylene chloride	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
o-Xylene		1.0	μg/L	1	12/20/2005 1:51:00 PM
Styrene	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Tetrachloroethene	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Toluene	υ	1.0	μg/L "	1	12/20/2005 1:51:00 PM
trans-1,2-Dichloroethene	U	1.0	μg/L 	1	12/20/2005 1:51:00 PM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	12/20/2005 1:51:00 PM
Trichloroethene	U	1.0	μg/L 	1	12/20/2005 1:51:00 PM
Vinyl chloride	U	1.0	μg/L 	1	12/20/2005 1:51:00 PM
Auth cuouse	U	1.0	μg/L	1	12/20/2005 1:51:00 PM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Not Detected at the Reporting Limit.
 Indicates the compound was analyzed for but not detecte
 Page 1 of 2/ pm



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Tuesday, December 20, 2005

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0512224

American Analytical Laboratories, LLC. received 1 sample(s) on 12/20/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Blyn

Date: 20-Dec-05

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0512224

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0512224-01A

EW12D/195/-33

7408

12/20/2005 3:20:00 PM

12/20/2005

AMERICAN ANAIVIICAL ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC_______

PH-0205

11418

NY050 68-573 NYSDOH CTDOH NJDEP PADEP

/ FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] SAMPLES COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME DATE 2 2010S COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TIME RECEIVED BY LAB (SIGNATURE) RECEIVED BY LAB (SIGNATUR SAMPLER NAME (PRINT) TURNAROUND REQUIRED: STAT ANAL YSIS 又 NORMAL 🖺 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL Cally flass 12-20-05/152/EWI3D PRINTED NAME PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE 0-05
12-50-05
TIME
15-35
DATE TIME # CON-TAINERS 1 RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) MATRIX 3 Claremon CLIENT NAME/ADDRESS PROJECT LOCATION: PT12224-1A LABORATORY ID# TYPE

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Н

Date: 20-Dec-05

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW12D/195/-33

Lab Order:

0512224

Tag Number: 7408

Project:

Claremont

Collection Date: 12/20/2005 3:20:00 PM

Lab ID:

0512224-01A

Date Received: 12/20/2005

Matrix: LIQUID

Analyses	Result	Limit Qu	ıal Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260	В		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
1,1,1-Trichloroethane	8.5	1.0	μg/L	1	12/20/2005 4:15:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
1,1-Dichloroethene	6.9	1.0	μg/L	1	12/20/2005 4:15:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
2-Butanone	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
2-Hexanone	υ	1.0	μg/L	1	12/20/2005 4:15:00 PM
4-Methyl-2-pentanone	υ	1.0	μg/L	1	12/20/2005 4:15:00 PM
Acetone	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Acrylonitrile	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Benzene	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Bromochloromethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Bromodichloromethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Bromoform	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Bromomethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Carbon disulfide	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Chlorobenzene	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Chloroethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Chloroform	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Chloromethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
cis-1,3-Dichloropropene	υ	1.0	μg/L	1	12/20/2005 4:15:00 PM
Dibromochloromethane	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Ethylbenzene	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
m,p-Xylene	U	2.0	µg/L	1	12/20/2005 4:15:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Methylene chloride	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
o-Xylene	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
Styrene	υ	1.0	μg/L	1	12/20/2005 4:15:00 PM
Tetrachloroethene	1.2	1.0	μg/L	1	12/20/2005 4:15:00 PM
Toluene	U	1.0	μg/L	1	12/20/2005 4:15:00 PM
trans-1,2-Dichloroethene	Ū	1.0	μg/L	1	12/20/2005 4:15:00 PM
trans-1,3-Dichloropropene	Ū	1.0	μg/L	1	12/20/2005 4:15:00 PM
Trichloroethene	4.2	1.0	μg/L	1	12/20/2005 4:15:00 PM
Vinyl chloride	U	1.0	μg/L	1	12/20/2005 4:15:00 PM

- Value exceeds Maximum Contaminant Level
- Value above quantitation range Е
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte $\begin{array}{c} \text{Page 1 of } \mathcal{Z} \end{array}$



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Tuesday, January 03, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601005

American Analytical Laboratories, LLC. received 1 sample(s) on 1/3/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 03-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601005

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601005-01A

EW12D/215/-43

7409

1/3/2006

1/3/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

PH-0205 NY050 68-573

11418

NYSDOH CTDOH NJDEP PADEP

/ FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] SAMPLES COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) SRINTED NAME DATE (2) SOPRINTER NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT DATE SAMPLER NAME (PRINT)

Cathy Huss RECEIVED BY LAB (SIĞNATURE) NORMAL STAT STATE BY RECEIVED BY LAB (SIGN) TURNAROUND REQUIRED CHAINOTH -9 57 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 1928 EWIZD/215, PRINTED NAME
CAPN/THE PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON 1306 DATE 1. 3. CLO TIME DATE TIME MATRIX # CON-N RELINQUISHED BY (SIGNATURE) RELINQUISHÉD BY (SIGNATURE) / drewon Choloosy Arm CLIENT NAME/ADDRESS PROJECT LOCATION: LABORATORY ID # TYPE

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

the flag is not used.

Н

	•
Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon,

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 03-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW12D/215/-43

Lab Order:

0601005

Tag Number: 7409

Project:

Claremont

Collection Date: 1/3/2006

Lab ID:

0601005-01A

Date Received: 1/3/2006

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B			Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0		μg/L	1	1/3/2006 10:34:00 AM
1,1,1-Trichloroethane	U	1.0	l	µg/L	1	1/3/2006 10:34:00 AM
1,1,2,2-Tetrachioroethane	IJ	1.0	ı	µg/L	1	1/3/2006 10:34:00 AM
1,1,2-Trichloroethane	U	1.0	I	µg/L	1	1/3/2006 10:34:00 AM
1,1-Dichloroethane	U	1.0	!	μg/L	1	1/3/2006 10:34:00 AM
1,1-Dichloroethene	U	1.0	3	µg/L	1	1/3/2006 10:34:00 AM
1,2-Dibromoethane	U	1.0	I	µg/L	1	1/3/2006 10:34:00 AM
1,2-Dichloroethane	U	1.0	١	μg/L	1	1/3/2006 10:34:00 AM
1,2-Dichloropropane	U	1.0	ļ	μg/L	1	1/3/2006 10:34:00 AM
2-Butanone	U	1.0	ļ	μg/L	1	1/3/2006 10:34:00 AM
2-Hexanone	U	1.0	ļ	µg/L	1	1/3/2006 10:34:00 AM
4-Methyl-2-pentanone	U	1.0	}	ug/L	1	1/3/2006 10:34:00 AM
Acetone	U	1.0	ļ	ug/L	1	1/3/2006 10:34:00 AM
Acrylonitrile	U	1.0	ŀ	ug/L	1	1/3/2006 10:34:00 AM
Benzene	U	1.0	ļ	μg/L	1	1/3/2006 10:34:00 AM
Bromochloromethane	U	1.0	ļ	ug/L	1	1/3/2006 10:34:00 AM
Bromodichloromethane	U	1.0	Į	ug/L	1	1/3/2006 10:34:00 AM
Bromoform	U	1.0		ug/L	1	1/3/2006 10:34:00 AM
Bromomethane	U	1.0		ug/L.	1	1/3/2006 10:34:00 AM
Carbon disulfide	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Carbon tetrachloride	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Chlorobenzene	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Chloroethane	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Chloroform	U	1.0	.	ug/L	1	1/3/2006 10:34:00 AM
Chloromethane	U	1.0	ŀ	ug/L	. 1	1/3/2006 10:34:00 AM
cis-1,2-Dichloroethene	υ	1.0		ıg/L	1	1/3/2006 10:34:00 AM
cis-1,3-Dichloropropene	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Dibromochloromethane	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Ethylbenzene	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
m,p-Xylene	υ	2.0		ıg/L	1	1/3/2006 10:34:00 AM
Methyl tert-butyl ether	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Methylene chloride	υ	1.0		ıg/L	1	1/3/2006 10:34:00 AM
o-Xylene	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Styrene	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Tetrachloroethene	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Toluene	Ü	1.0		ıg/L	1	1/3/2006 10:34:00 AM
trans-1,2-Dichloroethene	U	1.0		ıg/L	1	1/3/2006 10:34:00 AM
trans-1,3-Dichloropropene	Ū	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Trichloroethene	4.0	1.0		ıg/L	1	1/3/2006 10:34:00 AM
Vinyl chloride	υ	1.0		ıg/L	1	1/3/2006 10:34:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- I-I Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
 - Indicates the compound was analyzed for but not detecte Page 1 of Z





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Tuesday, January 03, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601008

American Analytical Laboratories, LLC. received 1 sample(s) on 1/3/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 03-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601008

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601008-01A

EW12D/235/-68

7410

1/3/2006 12:20:00 PM

1/3/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC_

11418 PH-0205 NY050 68-573

NYSDOH CTDOH NJDEP PADEP

CHAII	CHAIN OF CUSTODY		/ REQUEST FOR ANALYSIS DOCLIMENT	DOCUM		5 75-00
CLIENT NAME/ADDRESS	T in and	1	SAMPLER (SIGNATURE)			
7145			C. Thus,		SAMPLE(S) SEALED YES	YES / NO
11/C			SAMPLER NAME (PRINT) $C_1 \mathcal{H}_{\mathcal{S}}$		CORRECT YES	YES / NO
PROJECT LOCATION:			\setminus			
Claunon			BALLON TOWN		FOR	
LABORATORY MATRIX # CON- ID # TAINERS	CON- SAMPLING DATE/ TIME	ING SAMPLE # - LOCATION			METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]	RESERVED ES VIAL#]
601 008-1A GU	SCI) 20-5-1 5	8 2-128 EWIND JA35/-68	R R		710-	
	-					
111111111111111111111111111111111111111						
		7111				
		***************************************		COOLER TEMPERATURE:	ERATURE:	
×	GE; A-AIR; W=WIPE;	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNAROUND REQUIRED:	COMMENTS / INSTRUCTIONS	STRUCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	SS=SPLIT SPOON	_	NORMAL STATES BY / /	7		
RELINQUISHED BY (SIGNATURE)	DATE OF	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE C PRIN	PRINTED NAME	
Cath Aus	3 M	Cathy Hass	-	TIME 45	1 Hotons	R
RELINQUISHED BY (SIGNATURE)		PRINTED NAME	RECEIVED BY LAB (SIGNATURE) DA		PRINTED NAME	

TIME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

TIME

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

H

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 03-Jan-06

CLIENT:

Scientific Applications International Corp.

ai Corp.

Client Sample ID: EW12D/235/-68

Lab Order:

0601008

Tag Number: 7410

Project:

Claremont

Collection Date: 1/3/2006 12:20:00 PM

Lab ID:

0601008-01A

Date Received: 1/3/2006

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	260B			Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
1,1,1-Trichloroethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
1,1,2-Trichloroethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
1,1-Dichloroethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
1,1-Dichloroethene	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
1,2-Dibromoethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
1,2-Dichloroethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
1,2-Dichloropropane	U	1.0		µg/L	1	1/3/2006 1:30:00 PM
2-Butanone	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
2-Hexanone	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
4-Methyl-2-pentanone	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Acetone	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Acrylonitrile	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Benzene	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Bromochloromethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Bromodichloromethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Bromoform	υ	1.0		μg/L	1	1/3/2006 1:30:00 PM
Bromomethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Carbon disulfide	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Carbon tetrachloride	U	1.0		µg/L	1	1/3/2006 1:30:00 PM
Chlorobenzene	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Chloroethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Chloroform	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Chloromethane	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
cis-1,2-Dichloroethene	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Dibromochloromethane	υ	1.0		μg/L	1	1/3/2006 1:30:00 PM
Ethylbenzene	Ú	1.0		μg/L	1	1/3/2006 1:30:00 PM
m,p-Xylene	Ū	2.0		μg/L	1	1/3/2006 1:30:00 PM
Methyl tert-butyl ether	υ	1.0		μg/L	1	1/3/2006 1:30:00 PM
Methylene chloride	7.3	1.0	В	μg/L	1	1/3/2006 1:30:00 PM
o-Xylene	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Styrene	Ü	1.0		μg/L	1	1/3/2006 1:30:00 PM
Tetrachloroethene	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
Toluene	Ü	1.0		µg/L	1	1/3/2006 1:30:00 PM
trans-1,2-Dichloroethene	U	1.0		μg/L	1	1/3/2006 1:30:00 PM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	1/3/2006 1:30:00 PM
Trichloroethene	U	1.0		μg/ L	1	1/3/2006 1:30:00 PM
Vinyl chloride	U	1.0		μg/L	1	1/3/2006 1:30:00 PM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - J Indicates the compound was analyzed for but not detecte Page 1 of 21





NYSDOH NJDEP CTDOH PADEP 1.1418 NY050 PH-0205 68-00573

Tuesday, January 03, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601010

American Analytical Laboratories, LLC. received 1 sample(s) on 1/3/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 04-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601010

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601010-01A

EW12D/255/-93

7396

1/3/2006 3:25:00 PM

1/3/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

NYSDOH CTDOH NJDEP PADEP

TAG # / COC_

11418 PH-0205 NY050 68-573

	CHZ	VIN C	CHAIN OF CUSTODY	1	STF	/ REQUEST FOR ANALYSIS DOCUMENT	IS DOCU	MENT	
CLIENT NAME/ADDRESS	ESS		CONTACT		SAN	SAMPLER (SIGNATURE)			
2410				:		(Hus		SAMPLE(S) SEALED	YES / NO
ノルヘ					SAN	SAMPLER NAME (PRINT)		CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:	<u></u>				1000				acs
LABORATORY ID #	MATRIX # CON-	# CON- TAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION				MEI	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0601010-1A CW	Jago J	હ	3.5.0/1526	EN120/255/-9	33 8				
					,				
							COOLER TE	COOLER TEMPERATURE:	
MATRIX S=SOIL; L=LI	.IQUID; SL=SI	LUDGE; A-A	AIR; W=WIPE; P=PAINT	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNAROUN	TURNAROUND REQUIRED;	COMMENTS	COMMENTS / INSTRUCTIONS	
TYPE G=GRAB; C	=COMPOS	ite, ss=si	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON		NORMAL 🗅	STAT & BY	1		
RELINQUISHED BY (SIGNATURE)	SIGNATURE			PRINTED NAME	RECEIVED	RECEIVED BY LAB (SIGNATURE)	DATE (15)	PRINTED NAME,	
Chan		u - ***	TIME C	,)tuss			Shall	1. Habe	6,5
RELINQUISHED BY (SIGNATURE)	SIGNATURE		DATE PRINTE	PRINTED NAME	RECEIVED	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME	
		<u> </u>	TIME				TIME		

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
j	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В .	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon,

Н

Indicates sample was received and/or analyzed outside of The method allowable holding time

the flag is not used.

Date: 04-Jan-06

CLIENT:

Scientific Applications International Corp.

Date Received: 1/3/2006

Lab Order:

0601010

Client Sample ID: EW12D/255/-93

Tag Number: 7396

Project:

Claremont

Lab ID:

0601010-01A

Collection Date: 1/3/2006 3:25:00 PM

Matrix: LIQUID

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B		
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	Analyst: SB
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
1,1-Dichloroethane	U	1.0	μg/L μg/L		1/3/2006 4:31:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1 .	1/3/2006 4:31:00 PM
1,2-Dichloroethane	Ū	1.0	μg/L		1/3/2006 4:31:00 PM
1,2-Dichloropropane	Ü	1.0	μg/L	1	1/3/2006 4:31:00 PM
2-Butanone	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
2-Hexanone	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
4-Methyl-2-pentanone	Ū	1.0		1	1/3/2006 4:31:00 PM
Acetone	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
Acrylonitrile	U	1.0	µg/L	1	1/3/2006 4:31:00 PM
Benzene	Ü	1.0	μg/L	1	1/3/2006 4:31:00 PM
Bromochloromethane	Ü		μg/L	1	1/3/2006 4:31:00 PM
Bromodichloromethane	U	1.0 1.0	μg/L	1	1/3/2006 4:31:00 PM
Bromoform	U		μg/L	1	1/3/2006 4:31:00 PM
Bromomethane	U	1.0	μg/L 	1	1/3/2006 4:31:00 PM
Carbon disulfide	U	1.0	µg/L 	1	1/3/2006 4:31:00 PM
Carbon tetrachloride	υ	1.0	μg/L 	1	1/3/2006 4:31:00 PM
Chlorobenzene	U	1.0	μg/L 	1	1/3/2006 4:31:00 PM
Chloroethane		1.0	μg/L 	1	1/3/2006 4:31:00 PM
Chloroform	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
Chloromethane	U	1.0	μg/L 	1	1/3/2006 4:31:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
Dibromochloromethane	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
Ethylbenzene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
n,p-Xylene	U	1.0	µg/L	1	1/3/2006 4:31:00 PM
Methyl tert-butyl ether	U	2.0	μg/L	1	1/3/2006 4:31:00 PM
Methylene chloride	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
-Xylene	3.0		B μ g /L	1	1/3/2006 4:31:00 PM
tyrene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
etrachloroethene	U	1.0	µg/L	1	1/3/2006 4:31:00 PM
oluene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
ans-1,2-Dichloroethene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
ans-1,3-Dichloropropene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
richloroethene	U	1.0	μg/L	1	1/3/2006 4:31:00 PM
inyl chloride	U	1.0	μg/L	1	1/3/2006 4:31:00 PM

- Value exceeds Maximum Contaminant Level
- Value above quantitation range Ε
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Indicates the compound was analyzed for but not detecte Page 1 of 21 U





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Friday, January 06, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601050

American Analytical Laboratories, LLC. received 1 sample(s) on 1/6/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

FO SILLA Lori Beyer

Lab Director

Date: 06-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601050

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601050-01A

EW2D/155/3

7397

1/6/2006 11:25:00 AM

1/6/2006

11418 PH-0205 NV050 68-573

NYSDOH CTDOH NJDEP PADEP CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TAG # / COC 56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

CLIENT NAME/ADDRESS	ESS		HOVE	Ĥ				
< 41C.	· ·			<u>.</u>	SAMPLER (SIGNATURE)		SAMPLE(S) SEALED	YES / NO
	,				SAMPLER NAME (PRINT)		CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:			:					
Claumon	trou	,			QHAINES AND N			
LABORATORY ID #	MATRIX	MATRIX # CON- TAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION			METHANO SA [VOLAT	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
01-2501090	$\mathcal{G}_{\mathcal{H}}$	d	1-6-06/1135 EW3D	EW30/155/2	2			
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						COOLER TEMPERATURE:	'ERATURE:	
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		<u>F</u>	TIME			TIME		

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
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В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 06-Jan-06

CLIENT: Lab Order:

Scientific Applications International Corp.

0601050

Project:

Claremont

Lab ID:

0601050-01A

Date Received: 1/6/2006

Client Sample ID: EW2D/155/3

Tag Number: 7397

Collection Date: 1/6/2006 11:25:00 AM

Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW826	0B	***************************************	Anchot: 1 DC
1,1,1,2-Tetrachloroethane	Ų	1.0	μg/L	1	Analyst: LDS 1/6/2006 12:06:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
1,1,2,2-Tetrachloroethane	υ	1.0	μg/L	1	1/6/2006 12:06:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
1,2-Dichloroethane	U	1.0	µg/L	1	1/6/2006 12:06:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
2-Butanone	U	1.0	µg/L	1	1/6/2006 12:06:00 PM
2-Hexanone	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Acetone	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Acrylonitrile	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Benzene	U	1.0	µg/L	1	1/6/2006 12:06:00 PM
Bromochloromethane	U	1.0	µg/L	1	1/6/2006 12:06:00 PM
Bromodichloromethane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Bromoform	υ	1.0	μg/L	1	1/6/2006 12:06:00 PM
3romomethane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Carbon disulfide	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Carbon tetrachloride	υ	1.0	μg/L	1	1/6/2006 12:06:00 PM
Chlorobenzene	U	1.0	µg/L	1	1/6/2006 12:06:00 PM
Chloroethane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Chloroform	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Chloromethane	Ü	1.0	µg/L	1	1/6/2006 12:06:00 PM
cis-1,2-Dichloroethene	U	1.0	µg/L	1	1/6/2006 12:06:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Dibromochloromethane	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
Ethylbenzene	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
n,p-Xylene	U	2.0	µg/L	1	1/6/2006 12:06:00 PM
fethyl tert-butyl ether	Ú	1.0	μg/L	1	1/6/2006 12:06:00 PM
lethylene chloride	Ū	1.0 B		1	1/6/2006 12:06:00 PM
-Xylene	U	1.0	μg/L	1	1/6/2006 12:06:00 PM
tyrene	Ü	1.0	μg/L	1	1/6/2006 12:06:00 PM
etrachloroethene	Ū	1.0	μg/L	1	1/6/2006 12:06:00 PM
oluene	ប	1.0	μg/L	1	1/6/2006 12:06:00 PM
ans-1,2-Dichloroethene	Ü	1.0	μg/L	1	1/6/2006 12:06:00 PM
ans-1,3-Dichloropropene	Ü	1.0	μg/L	1	
richloroethene	Ü	1.0	μg/L		1/6/2006 12:06:00 PM
inyl chloride	Ü	1.0	μg/L μg/L	1 1	1/6/2006 12:06:00 PM 1/6/2006 12:06:00 PM

- Value exceeds Maximum Contaminant Level
- Value above quantitation range E
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Indicates the compound was analyzed for but not detecte Page 1 of 2



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Friday, January 06, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601053

American Analytical Laboratories, LLC. received 1 sample(s) on 1/6/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 06-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601053

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601053-01A

EW2D/175/-17

7398

1/6/2006 1:50:00 PM

1/6/2006

AMERICAL ANALYTICAL ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TAG # / COC

/ FOR METHANOL PRESERVED SAMPLES YES / NO YES / NO [VOLATILE VIAL #] (Alleton) COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME DATE! (6/04 PRIMAED NAME SAMPLE(S) SEALED COOLER TEMPERATURE: DATE TIME RECEIVED BY LAB (SIGNATURE) RECEIVED BY LAB (SIGNAŤŮRĚ C. Huss SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) TURNAROUND REQUIRED: STAT OJAINOJA OJAINOJA Q NORMAL [] SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL Cathy this? 1-6-06/1350 EWBD PRINTED NAME PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE - 0 6
TIME - 0 5 DATE TIME MATRIX # CON-TAINERS Ŋ Clarement RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) 0601053-1Acm CLIENT NAME/ADDRESS SAIC PROJECT LOCATION: LABORATORY ID# TYPE

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
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В	Indicates the analyte was found in the blank as well as the sample report "10B".
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D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
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N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic

Н

Indicates sample was received and/or analyzed outside of The method allowable holding time

the flag is not used.

characterization of a TIC, such as chlorinated hydrocarbon,

....

Scientific Applications International Corp.

Lab Order:

CLIENT:

0601053

Project: Claremont

Lab ID:

0601053-01A

Date Received: 1/6/2006

Date: 06-Jan-06

Client Sample ID: EW2D/175/-17

Tag Number: 7398

Collection Date: 1/6/2006 1:50:00 PM

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B			Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
1,1,1-Trichloroethane	100	1.0		μg/L	1	1/6/2006 3:08:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
1,1,2-Trichloroethane	υ	1.0		μg/L	1	1/6/2006 3:08:00 PM
1,1-Dichloroethane	8.9	1.0		μg/L	1	1/6/2006 3:08:00 PM
1,1-Dichloroethene	100	1.0		μg/L	1	1/6/2006 3:08:00 PM
1,2-Dibromoethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
1,2-Dichloroethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
1,2-Dichloropropane	υ	1.0		µg/L	1	1/6/2006 3:08:00 PM
2-Butanone	U	1.0		µg/L	1	1/6/2006 3:08:00 PM
2-Hexanone	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
4-Methyl-2-pentanone	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Acetone	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Acrylonitrile	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Benzene	U	1.0		µg/L	1	1/6/2006 3:08:00 PM
Bromochloromethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Bromodichloromethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Bromoform	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Bromomethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Carbon disulfide	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Carbon tetrachloride	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Chlorobenzene	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Chloroethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Chloroform	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Chloromethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
cis-1,2-Dichloroethene	9.8	1.0		μg/L	1	1/6/2006 3:08:00 PM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Dibromochloromethane	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Ethylbenzene	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
m,p-Xylene	U	2.0		µg/L	1	1/6/2006 3:08:00 PM
Methyl tert-butyl ether	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Methylene chloride	9.2	1.0	В	μg/L	1	1/6/2006 3:08:00 PM
o-Xylene	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Styrene	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
Tetrachloroethene	12	1.0		μg/L	1	1/6/2006 3:08:00 PM
Toluene	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
trans-1,2-Dichloroethene	U	1.0		μg/L	1	1/6/2006 3:08:00 PM
trans-1,3-Dichloropropene	Ų	1.0		μg/L	1	1/6/2006 3:08:00 PM
Trichloroethene	50	1.0		μg/L	1	1/6/2006 3:08:00 PM
Vinyl chloride	U	1.0		μg/L	1	1/6/2006 3:08:00 PM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- 3 Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of Z





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Monday, January 09, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601057

American Analytical Laboratories, LLC. received 1 sample(s) on 1/6/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Karen Kelly for Lori Beyer

Lab Director

Date: 09-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601057

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601057-01A

EW2D/195/-37

7399

1/6/2006 4:05:00 PM

1/6/2006

TAG # / COC_____ 기3일의

PH-0205 NYSDOH CTDOH NJDEP PADEP

11418

NY050

68-573

, FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] SAMPLES COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT DATE DATE TIME SAMPLER NAME (PRINT) RECEIVED BY LAB (SICMATURE) RECEIVED BY LAB (SIGNAT SAMPLER (SIGNATURE) TURNAROUND REQUIRED. 10CX OJAINOJA VANAL SISA NORMAL 🗅 te-, SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 1-6-06/1605 EW 3D/195. で上っ PRINTED NAME PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE OF TIME OF 16 23 DATE, TIME MATRIX # CON-3 RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) Clarenont W01057-119 6W CLIENT NAME/ADDRESS SAR PROJECT LOCATION: LABORATORY ID # TYPE

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

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Н	Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 09-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601057

CASE NARRATIVE

Data Reporting Qualifier B Explanation:

Analyte - Methylene Chloride found in the associated method blank at a concentration of 10 ug/L for Volatile SW-846 8260 samples run 1/6/06 is attributed to laboratory contamination.

CLIENT: Scientific Applications International Corp.

Lab Order: 0601057

Project: Claremont

Lab ID: 0601057-01A

Date Received: 1/6/2006

Client Sample ID: EW2D/195/-37

Tag Number: 7399

Collection Date: 1/6/2006 4:05:00 PM

Date: 09-Jan-06

Matrix: LIQUID

					TAUTA: LIQUID		
Analyses	Result	Limit (Qual Units	DF	Date Analyzed		
VOLATILES SW-846 METHOD 8260		SW826	30B		Anglyst LDC		
1,1,1,2-Tetrachloroethane	U	1.0	µg/L	1	Analyst: LDS 1/6/2006 8:50:00 PM		
1,1,1-Trichloroethane	120	1.0	μg/L	1	1/6/2006 8:50:00 PM		
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
1,1-Dichloroethane	10	1.0	μg/L	1	1/6/2006 8:50:00 PM		
1,1-Dichloroethene	120	1.0	µg/L	1	1/6/2006 8:50:00 PM		
1,2-Dibromoethane	U	1.0	µg/L	1	1/6/2006 8:50:00 PM		
1,2-Dichloroethane	U	1.0	µg/L	1			
1,2-Dichloropropane	υ	1.0	µg/L	1	1/6/2006 8:50:00 PM		
2-Butanone	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
2-Hexanone	Ū	1.0	μg/L μg/L	1	1/6/2006 8:50:00 PM		
4-Methyl-2-pentanone	Ū	1.0	μg/L		1/6/2006 8:50:00 PM		
Acetone	Ū	1.0	μg/L μg/L	1	1/6/2006 8:50:00 PM		
Acrylonitrile	Ü	1.0	μg/L	1	1/6/2006 8:50:00 PM		
Benzene	U	1.0		1	1/6/2006 8:50:00 PM		
Bromochloromethane	Ú	1.0	μg/L	1	1/6/2006 8:50:00 PM		
Bromodichloromethane	Ü	1.0	μg/L	1	1/6/2006 8:50:00 PM		
Bromoform	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
Bromomethane	U		µg/L	1	1/6/2006 8:50:00 PM		
Carbon disulfide	U	1.0	μg/L 	1	1/6/2006 8:50:00 PM		
Carbon tetrachloride	U	1.0	μg/L 	1	1/6/2006 8:50:00 PM		
Chlorobenzene		1.0	μg/L 	1	1/6/2006 8:50:00 PM		
Chloroethane	U	1.0	µg/L	1	1/6/2006 8:50:00 PM		
Chloroform	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
Chloromethane	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
is-1,2-Dichloroethene	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
is-1,3-Dichloropropene	96	1.0	μg/L	1	1/6/2006 8:50:00 PM		
Dibromochloromethane	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
Ethylbenzene	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
n,p-Xylene	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
fethyl tert-butyl ether	U	2.0	μg/L	1	1/6/2006 8:50:00 PM		
lethylene chloride	U	1.0	µg/L	1	1/6/2006 8:50:00 PM		
•	8.6	1.0 B	μg/L	1	1/6/2006 8:50:00 PM		
-Xylene	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
tyrene	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
etrachloroethene	260	1.0	μg/L	1	1/6/2006 8:50:00 PM		
oluene	U	1.0	µg/L	1	1/6/2006 8:50:00 PM		
ans-1,2-Dichloroethene	U	1.0	µg/L	1	1/6/2006 8:50:00 PM		
ans-1,3-Dichloropropene	U	1.0	μg/L	1	1/6/2006 8:50:00 PM		
richloroethene	3000	10	μg/L	10	1/7/2006 6:16:00 AM		
inyl chloride	Ü	1.0	μg/L	1	1/6/2006 8:50:00 PM		

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded H
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of χ





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Monday, January 09, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601058

American Analytical Laboratories, LLC. received 4 sample(s) on 1/7/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Karen Kelly for

Date: 09-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order: (

0601058

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0601058-01A	EW2D/215/-57		1/7/2006 9:20:00 AM	1/7/2006
0601058-02A	EW2D/235/-77	7401	1/7/2006 12:05:00 PM	1/7/2006
0601058-03A	EW2D/255/-97		1/7/2006 2:20:00 PM	1/7/2006
0601058-04A	DRILL STEM		1/7/2006 2:25:00 PM	1/7/2006

TAG # / COC 7400

PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

11418

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

' FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] SAMPLES PID= 140 PRINTED NAME [A OR Y (COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED TIME 935 DATE RECEIVED BY LAB (SIGNATURE) SAMPLER (SIGNATURE) ե SAMPLER NAME (PRINT) TURNAROUND REQUIRED: STAT K CHAIN SIS TANA -RECEIVED BY NORMAL [] EW30/215/-57 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL Cathy Hiss PRINTED NAME PRINTED NAME CONTACT 1-7-02/20 SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE - 05 TIME 935 MATRIX # CON-RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) Claremon SAIC 0601058-01016W CLIENT NAME/ADDRESS PROJECT LOCATION: LABORATORY ID # TYPE

TAG # / COC

PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

11418

, FOR METHANOL PRESERVED SAMPLES YES / NO YES / NO [VOLATILE VIAL #] DRY SINGH COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT DATE F. 6 DATE TIME RECEIVED BY LAB (SIGNATURE) RECEIVED BY LAF (SIGNATURE) SAMPLER (SIGNATURE) SAMPLER NAME (PRINT) TURNAROUND REQUIRED: NORMAL D STATE SISA TANA 5 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 120 EWJD/A351 のようを必 PRINTED NAME PRINTED NAMÈ CONTACT: SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE SE TIME PADD 13021 DATE TIME MATRIX # CON-TAINERS 0 RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) Claremond DECIONADON CON SAIO SAIO CLIENT NAME/ADDRESS PROJECT LOCATION: LABORATORY ID # (The

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

	CHAIL	CHAIN OF CUSTODY	JSTO	1.	EST F	/ REQUEST FOR ANALYSIS DOCUMENT	IS DOCU	IMENT	
CLIENT NAME/ADDRESS			CONTACT		SAN	SAMPLER (SIGNATURE)		SAMPLE(S)	
NAP C	1					C Has		SEALED	YES / NO
					SAM	SAMPLER NAME (PRINT) C. Husk		CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION: Clan	Clarement				1000	CHICANA			FOR
LABORATORY ID#	MATRIX # CON- TAINERS	ON- SAMPLING DATE/ TIME	JNG E/ E	SAMPLE # - LOCATION				ME	METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
\$ 06010800000	c mo		1420	79-1-95 (JEW3) OSHI /20-F-1	2			P.D.	= 40,7
100000000 1000 J	8 B	1-7-06/	1425	Drill Stem	१			e and	i,
		\							
PANALYZE EW-DD/255/-97	EW.	se/qe	6-15	7 First			COOLER	COOLER TEMPERATURE:	
MATRIX S=SOIL; L=LIG TYPE G=GRAB: C:	QUID; SL=SLUDK =COMPOSITE	S=SOIL; L=LIQUID; SL=SLUDGE; A-A!R; W=WIPE; I G=GRAB: C=COMPOSITE SS=SPLIT SPOON	E; P=PA!NT C N	MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL TYPE G=GRAB: C=COMPOSITE SS=SPLIT SPOON	TURNAROUN		COMMEN	COMMENTS / INSTRUCTIONS	
					NORMAL [STAT (X BY /	_		
RELINQUISHED BY (SIGNATURE)	(GNATURE)	DATE (-7.0 C) TIME	PRINTED NAME Cathy	LY HUSS	RECEIVED	BY LAB (MGNATURE)	DATE P C	PRINTED NAME	MIN
REI INOUISHED BY (SIGNATURE)	IGNATURE)	DATE	PRINTED NAME	NAME	RECEIVED	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME	
		TIME				(TIME	7	

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic

Н

Indicates sample was received and/or analyzed outside of The method allowable holding time

characterization of a TIC, such as chlorinated hydrocarbon,

the flag is not used.

Date: 09-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601058

CASE NARRATIVE

Data Reporting Qualifier B Explanation:

Analyte - Methylene Chloride found in the associated Volatile 8260 method blank at concentrations of 19ug/L (for sample 01A) and 24ug/L (for samples 02A,03A,04A) is attributed to laborarrory contamination.

CLIENT:

Scientific Applications International Corp.

Lab Order:

0601058

Project:

Claremont

Lab ID:

0601058-01A

Date Received: 1/7/2006

Tag Number:

Client Sample ID: EW2D/215/-57

Collection Date: 1/7/2006 9:20:00 AM

Matrix: LIOUID

Date: 09-Jan-06

	Date Received:		·	Matrix: LIQU	AID.
Analyses	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B		Analysts CD
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	Analyst: SB 1/7/2006 10:32:00 AM
1,1,1-Trichloroethane	63	1.0	μg/L	1	1/7/2006 10:32:00 AM
1,1,2,2-Tetrachioroethane	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
1,1,2-Trichloroethane	U	1.0	µg/L	1	1/7/2006 10:32:00 AM
1,1-Dichloroethane	6.7	1.0	µg/L	1	1/7/2006 10:32:00 AM
1,1-Dichloroethene	56	1.0	μg/L	1	1/7/2006 10:32:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
1,2-Dichloroethane	U	1.0	µg/L	1	1/7/2006 10:32:00 AM
1,2-Dichloropropane	IJ	1.0	µg/L	1	1/7/2006 10:32:00 AM
2-Butanone	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
2-Hexanone	Ü	1.0	μg/L	1	1/7/2006 10:32:00 AM
4-Methyl-2-pentanone	Ū	1.0	μg/L	1	1/7/2006 10:32:00 AM
Acetone	Ū	1.0	µg/L	1	1/7/2006 10:32:00 AW
Acrylonitrile	U	1.0	μg/L	1	
Benzene	Ü	1.0	μg/L		1/7/2006 10:32:00 AM
Bromochloromethane	U	1.0	μg/L μg/L	1	1/7/2006 10:32:00 AM
Bromodichloromethane	Ü	1.0		1	1/7/2006 10:32:00 AM
Bromoform	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
Bromomethane	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
Carbon disulfide	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
Carbon tetrachloride	Ü	1.0	µg/L	1	1/7/2006 10:32:00 AM
Chlorobenzene	Ú	1.0	μg/L	1	1/7/2006 10:32:00 AM
Chloroethane	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
Chloroform	U		µg/L	1	1/7/2006 10:32:00 AM
Chloromethane	U	1.0	µg/L	1	1/7/2006 10:32:00 AM
cis-1,2-Dichloroethene	48	1.0	μg/L 	1	1/7/2006 10:32:00 AM
cis-1,3-Dichloropropene		1.0	μg/L 	1	1/7/2006 10:32:00 AM
Dibromochloromethane	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
Ethylbenzene	U	1.0	μg/L 	1	1/7/2006 10:32:00 AM
m,p-Xylene	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
Methyl tert-butyl ether	U	2.0	µg/L	1	1/7/2006 10:32:00 AM
Methylene chloride	U	1.0	µg/L	1	1/7/2006 10:32:00 AM
o-Xylene	17	1.0	B μg/L	1	1/7/2006 10:32:00 AM
Styrene	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
Styrene Tetrachloroethene	U	1.0	µg/L	1	1/7/2006 10:32:00 AM
	130	1.0	μg/L	1	1/7/2006 10:32:00 AM
Toluene	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
trans-1,2-Dichloroethene	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	1/7/2006 10:32:00 AM
Trichloroethene	690	1.0	µg/L	1	1/7/2006 10:32:00 AM
Vinyl chloride	U	1.0	μg/L	1	1/7/2006 10:32:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of &

CLIENT:

Scientific Applications International Corp.

Lab Order:

0601058

Claremont

Project: Lab ID:

0601058-02A

Date Received: 1/7/2006

Date: 09-Jan-06

Client Sample ID: EW2D/235/-77

Tag Number: 7401

Collection Date: 1/7/2006 12:05:00 PM

Matrix: LIOUID

	Date Received		<u> </u>	latrix: LIQ	UID
Analyses	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	260B	· · · · · · · · · · · · · · · · · · ·	An-1
1,1,1,2-Tetrachloroethane	U	1.0	μg/L.	1	Analyst: SB 1/7/2006 12:45:00 PM
1,1,1-Trichloroethane	480	1.0	μg/L	1	1/7/2006 12:45:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	, 1	1/7/2006 12:45:00 PM
1,1-Dichloroethane	49	1.0	μg/L	1	1/7/2006 12:45:00 PM
1,1-Dichloroethene	480	1.0	μg/L	1	1/7/2006 12:45:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	
1,2-Dichloropropane	U	1.0	µg/L	1	1/7/2006 12:45:00 PM
2-Butanone	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
2-Hexanone	Ü	1.0	μg/L	1	1/7/2006 12:45:00 PM
4-Methyl-2-pentanone	Ü	1.0	μg/L		1/7/2006 12:45:00 PM
Acetone	Ü	1.0	μg/L	1	1/7/2006 12:45:00 PM
Acrylonitrile	Ü	1.0		1	1/7/2006 12:45:00 PM
Benzene	Ü	1.0	μg/L	1	1/7/2006 12:45:00 PM
Bromochloromethane	U	1.0	µg/L	1	1/7/2006 12:45:00 PM
Bromodichloromethane	U	1.0	µg/L	1	1/7/2006 12:45:00 PM
Bromoform	Ü	1.0	μg/L	1	1/7/2006 12:45:00 PM
Bromomethane	U		µg/L	1	1/7/2006 12:45:00 PM
Carbon disulfide	U	1.0	µg/∟	1	1/7/2006 12:45:00 PM
Carbon tetrachloride	51	1.0	μg/L 	1	1/7/2006 12:45:00 PM
Chlorobenzene	U	1.0	μg/L 	1	1/7/2006 12:45:00 PM
Chloroethane		1.0	μg/L	1	1/7/2006 12:45:00 PM
Chloroform	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
Chloromethane	U	1.0	μg/L 	1	1/7/2006 12:45:00 PM
cis-1,2-Dichloroethene	U	1.0	µg/L	1	1/7/2006 12:45:00 PM
cis-1,3-Dichloropropene	63	1.0	µg/L	1	1/7/2006 12:45:00 PM
Dibromochloromethane	U	1.0	µg/L	1	1/7/2006 12:45:00 PM
Ethylbenzene	U	1.0	µg/L	1	1/7/2006 12:45:00 PM
n,p-Xylene	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
Methyl tert-butyl ether	U	2.0	μg/L	1	1/7/2006 12:45:00 PM
Nethyllene chloride	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
	13	1.0	B µg/L	1	1/7/2006 12:45:00 PM
-Xylene	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
tyrene	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
etrachloroethene	140	1.0	μg/L	1	1/7/2006 12:45:00 PM
oluene	U	1.0	μg/L	- 1	1/7/2006 12:45:00 PM
rans-1,2-Dichloroethene	U	1.0	µg/L	1	1/7/2006 12:45:00 PM
ans-1,3-Dichloropropene	U	1.0	μg/L	1	1/7/2006 12:45:00 PM
richloroethene	580	1.0	μg/L	1	1/7/2006 12:45:00 PM
/inyl chloride	U	1.0	μg/L	1	1/7/2006 12:45:00 PM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte Page 3 of 8



CLIENT:

Scientific Applications International Corp.

Lab Order:

0601058

Project:

Claremont

Lab ID:

0601058-03A

Date Received: 1/7/2006

Date: 09-Jan-06

Client Sample ID: EW2D/255/-97

Tag Number:

Collection Date: 1/7/2006 2:20:00 PM

Matrix: LIQUID

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	PENE		
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	Analyst: SB 1/7/2006 3:11:00 PM
1,1,1-Trichloroethane	3.7	1.0	ha\r ha\r	1	
1,1,2,2-Tetrachioroethane	U	1.0	µg/L	1	1/7/2006 3:11:00 PM
1,1,2-Trichloroethane	U	1.0	µg/L	1	1/7/2006 3:11:00 PM
1,1-Dichloroethane	υ	1.0	μg/L	1	1/7/2006 3:11:00 PM
1,1-Dichloroethene	Ū	1.0	μg/L	1	1/7/2006 3:11:00 PM
1,2-Dibromoethane	U	1.0	µg/L	1	1/7/2006 3:11:00 PM
1,2-Dichloroethane	Ū	1.0	µg/L	1	1/7/2006 3:11:00 PM
1,2-Dichloropropane	Ū	1.0	µg/L		1/7/2006 3:11:00 PM
2-Butanone	Ü	1.0	µg/L	1	1/7/2006 3:11:00 PM
2-Hexanone	Ü	1.0		1	1/7/2006 3:11:00 PM
4-Methyl-2-pentanone	Ü	1.0	μg/L μg/L	1	1/7/2006 3:11:00 PM
Acetone	Ü	1.0	μg/L	1	1/7/2006 3:11:00 PM
Acrylonitrile	Ü	1.0		1	1/7/2006 3:11:00 PM
Benzene	Ü	1.0	µg/L	1	1/7/2006 3:11:00 PM
Bromochloromethane	U	1.0	µg/L	1	1/7/2006 3:11:00 PM
Bromodichloromethane	Ü	1.0	μg/L	1	1/7/2006 3:11:00 PM
Bromoform	Ü	1.0	μg/L "	1	1/7/2006 3:11:00 PM
Bromomethane	Ü	1.0	µg/L	1	1/7/2006 3:11:00 PM
Carbon disulfide	U	1.0	μg/L	1	1/7/2006 3:11:00 PM
Carbon tetrachloride	Ü	1.0	μg/L	1	1/7/2006 3:11:00 PM
Chlorobenzene	Ü	1.0	μg/L	1	1/7/2006 3:11:00 PM
Chloroethane	U	1.0	μg/L	1	1/7/2006 3:11:00 PM
Chloroform	U	1.0	μg/L	1	1/7/2006 3:11:00 PM
Chloromethane	U	1.0	µg/L	1	1/7/2006 3:11:00 PM
cis-1,2-Dichloroethene	4.2	1.0	µg/L	1	1/7/2006 3:11:00 PM
cis-1,3-Dichloropropene	ų.2		µg/L	1	1/7/2006 3:11:00 PM
Dibromochloromethane	U	1.0 1.0	µg/L	1	1/7/2006 3:11:00 PM
Ethylbenzene	U		µg/L	1	1/7/2006 3:11:00 PM
n,p-Xylene	U	1.0	μg/L "	1	1/7/2006 3:11:00 PM
Methyl tert-butyl ether	Ü	2.0	µg/L	1	1/7/2006 3:11:00 PM
Methylene chloride	14	1.0	μg/L	1	1/7/2006 3:11:00 PM
p-Xylene	U		B µg/L	1	1/7/2006 3:11:00 PM
Styrene	U	1.0	µg/L	1	1/7/2006 3:11:00 PM
etrachloroethene	14	1.0	μg/L	1	1/7/2006 3:11:00 PM
oluene	U	1.0	µg/L	1	1/7/2006 3:11:00 PM
rans-1,2-Dichloroethene	U	1.0	μg/L	1	1/7/2006 3:11:00 PM
rans-1,3-Dichloropropene	U	1.0	µg/L	1	1/7/2006 3:11:00 PM
richloroethene		1.0	µg/L	1	1/7/2006 3:11:00 PM
/inyl chloride	88 U	1.0 1.0	μg/L μg/L	1 1	1/7/2006 3:11:00 PM 1/7/2006 3:11:00 PM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded H
- ND Not Detected at the Reporting Limit
- Not Detected at the Reporting Limit
 Indicates the compound was analyzed for but not detecte
 Page 5 of 8

 3 of 4 pm

Date Received: 1/7/2006

CLIENT: Scientific Applications International Corp. Lab Order: 0601058

Project:

Claremont

Lab ID: 0601058-04A Client Sample ID: DRILL STEM

Tag Number:

Collection Date: 1/7/2006 2:25:00 PM

Date: 09-Jan-06

Matrix: LIQUID

Analyses	D 14				
	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
1,1,1-Trichloroethane	U	1.0	μ g/L	1	1/7/2006 3:13:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
1,1-Dichloroethene	υ	1.0	μg/L	1	1/7/2006 3:13:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
2-Butanone	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
2-Нехапопе	U	1.0	µg/L	1	1/7/2006 3:13:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Acetone	U	1.0	μg/L	i İ	1/7/2006 3:13:00 PM
Acrylonitrile	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Benzene	Ü	1.0	μg/L	1	1/7/2006 3:13:00 PM
Bromochloromethane	. U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Bromodichloromethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Bromoform	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Bromomethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Carbon disulfide	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Chlorobenzene	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Chloroethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Chloroform	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Chloromethane	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
cis-1,2-Dichloroethene	υ	1.0	μg/L	1	1/7/2006 3:13:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Dibromochloromethane	υ	1.0	μg/L	1	1/7/2006 3:13:00 PM
Ethylbenzene	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
n,p-Xylene	U	2.0	μg/L	1	1/7/2006 3:13:00 PM
Methyl tert-butyl ether	U	1.0	µg/L	1	1/7/2006 3:13:00 PM
Methylene chloride	12	1.0	B µg/L	1	1/7/2006 3:13:00 PM
-Xylene	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
Styrene	Ū	1.0	µg/L	1	1/7/2006 3:13:00 PM
etrachloroethene	1.0	1.0	μg/L	1	1/7/2006 3:13:00 PM
oluene	U	1.0	μg/L	1	1/7/2006 3:13:00 PM
ans-1,2-Dichloroethene	Ű	1.0	μg/L	1	1/7/2006 3:13:00 PM
ans-1,3-Dichloropropene	Ü	1.0	μg/L	1	
richloroethene	3.6	1.0	μg/L	1	1/7/2006 3:13:00 PM
finyl chloride	U	1.0	μg/L	1	1/7/2006 3:13:00 PM 1/7/2006 3:13:00 PM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Η
- ND
- Not Detected at the Reporting Limit
 Indicates the compound was analyzed for but not detecte
 Page X of 8.





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Monday, January 09, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601059

American Analytical Laboratories, LLC. received 4 sample(s) on 1/8/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Karen Kelly for Lori Beyer

Lab Director

Date: 09-Jan-06

CLIENT: Project: Lab Order:	Scientific Applications I Claremont 0601059	International Corp.	Work Orde	er Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0601059-01A	EW2D/275/-117		1/7/2006 5:40:00 PM	1/8/2006
0601059-02A	EW2D/295/-137		1/8/2006 10:10:00 AM	1/8/2006
0601059-03A	DRILL STEM 2		1/8/2006 10:15:00 AM	1/8/2006
0601059-04A	EW2D/315/-157		1/8/2006 2:55:00 PM	1/8/2006

AMERICAN ANALYTICAL ELABORATORIES

56 TOLEDO STREET · FARMINGDALE, NEW YORK 11735

(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 7403

PH-0205 NY050 NYSDOH CTDOH NJDEP PADEP

11418

68-573

' FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] SAMPLES PID=76.5 COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME PRINTED NAME DRY COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT DATE 43-6 653 DATE TIME TIME (ONATURE) RECEIVED BY LAB SIGNATURE) インシン C. King SAMPLER NAME (PRINT) TURNAROUND REQUIRED: STAT RECEIVED BY LAB OF SIS TANA T 9 NORMAL [] 一一一 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 1-7-06/1740 EW2D/278, Cathy the PRINTED NAME PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE OC TIME \$50 Claremon TIME MATRIX # CON-RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) 30 CLIENT NAME/ADDRESS PROJECT LOCATION: 20/059-012 LABORATORY TYPE

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735

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NYSDOH CTDOH

11418 PH-0205 7050 -573

- NJDEP NY050 PADEP 68-573	ENT	SAMPLE(S) YES / NO	CORRECT YES / NO	FOR	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]	PID=35.3	P.D = B							
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454-8027	<u>)DY / REQUEST</u>	CT.			SAMPLE # - LOCATION	EWab/295/-137	Drill Stem 2	a come of plays and a second of the second o	i common majority, plaje, uma um		and the second s	and produced by the same	The state of the s	
(631) 454-6100 • FAX (631) 454-8027	JF CUST(CONTACT			SAMPLING DATE/ TIME	0101/20-8-1	11.400/1015 Drill							
(631) 454	AIN				MATRIX # CON- TAINERS	a	0							
RIES	E E	Ess (<u>J</u>	i. mont	MATRIX	$\omega_{\mathcal{D}}$	e K							
= ABORATORIES		CLIENT NAME/ADDRESS	ンサイ	PROJECT LOCATION: Claremont	LABORATORY ID#	#0601039-0W GW	0601059-03A							

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT RECEIVED BY LAB (SYGNATURE) C. Huss PRINTED NAME PATE OC TIME 1035 DATE TIME RELINQUISHED BY (SIGNATURE)

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COMMENTS / INSTRUCTIONS

COOLER TEMPERATURE:

PRINTED NAME

DATE 1-3-6

RECEIVED BY LAB (SIGNATURE)

PRINTED NAME

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STAT

NORMAL []

TURNAROUND REQUIRED:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL

EM3D/295/-187

Anallyze

G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TYPE

RELINQUISHED BY (SIGNATURE)

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TAG # / COC 08284

NYSDOH CTDOH NJDEP PADEP

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STATA BY / / DATE 7-6 F TIME / SIGNATURE) BY LAE (SIGNATURE) TIME / SIGNATURE) TIME	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
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DATE	Cath Hus 1502 Cathy H
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	TIME

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
ប	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
.	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 09-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW2D/275/-117

Lab Order:

0601059

Tag Number:

Project:

Lab ID:

Claremont

Collection Date: 1/7/2006 5:40:00 PM

0601059-01A Date Received: 1/8/2006 Matrix: LIQUID

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	µg/L	1	1/8/2006 8:04:00 AM
1,1,1-Trichloroethane	υ	1.0	μ g /L	1	1/8/2006 8:04:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
1,1-Dichloroethene	U	1.0	μ g/ Ľ	-1	1/8/2006 8:04:00 AM
1,2-Dibromoethane	U	1.0	µg/L	1	1/8/2006 8:04:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
1,2-Dichloropropane	υ	1.0	μg/L	1	1/8/2006 8:04:00 AM
2-Butanone	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
2-Hexanone	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Acetone	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Acrylonitrile	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Benzene	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Bromochloromethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Bromodichloromethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Bromoform	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Bromomethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Carbon disulfide	υ	1.0	μg/L	1	1/8/2006 8:04:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Chlorobenzene	U	1.0	μg/L	. 1	1/8/2006 8:04:00 AM
Chloroethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Chloroform	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Chloromethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Dibromochloromethane	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
Ethylbenzene	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
m,p-Xylene	U	2.0	μg/L	1	1/8/2006 8:04:00 AM
Methyl tert-butyl ether	υ	1.0	μg/L	1	1/8/2006 8:04:00 AM
Methylene chloride	U	1.0	μg/L	1	1/8/2006 8:04:00 AM
o-Xylene	υ	1.0	μg/L	1	1/8/2006 8:04:00 AM
Styrene	Ü	1.0	µg/L	1	1/8/2006 8:04:00 AM
Tetrachloroethene	5.2	1.0	μg/L	1	1/8/2006 8:04:00 AM
Toluene	Ü	1.0	μg/L	1	1/8/2006 8:04:00 AM
rans-1,2-Dichloroethene	Ū	1.0	μg/L	1	1/8/2006 8:04:00 AM
rans-1,3-Dichloropropene	Ū	1.0	μg/L	1	1/8/2006 8:04:00 AM
Trichloroethene	28	1.0	μg/L	1	1/8/2006 8:04:00 AM
Vinyl chloride	U	1.0	μg/L	1	1/8/2006 8:04:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte Page 1 of &

Date: 09-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW2D/295/-137

Lab Order:

0601059

Tag Number:

Project:

Claremont

Collection Date: 1/8/2006 10:10:00 AM

Lab ID:

0601059-02A Date Received: 1/8/2006 Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B			Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	1/8/2006 10:57:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	1/8/2006 10:57:00 AM
1,1,2-Trichloroethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
1,1-Dichloroethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
1,1-Dichloroethene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	1/8/2006 10:57:00 AM
1,2-Dichloroethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
1,2-Dichloropropane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
2-Butanone	U	1.0		μ g /L	1	1/8/2006 10:57:00 AM
2-Hexanone	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
4-Methyl-2-pentanone	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Acetone	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Acrylonitrile	U	1.0		μ g /L	1	1/8/2006 10:57:00 AM
Benzene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Bromochloromethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Bromodichloromethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Bromoform	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Bromomethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Carbon disulfide	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Carbon tetrachloride	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Chlorobenzene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Chloroethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Chloroform	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Chloromethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
cis-1,2-Dichloroethene	υ	1.0		μg/L	1	1/8/2006 10:57:00 AM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Dibromochloromethane	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Ethylbenzene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
m,p-Xylene	U	2.0		μ g /L	1	1/8/2006 10:57:00 AM
Methyl tert-butyl ether	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Methylene chloride	U	1.0	В	μg/L	1	1/8/2006 10:57:00 AM
o-Xylene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Styrene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Tetrachloroethene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Toluene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
trans-1,2-Dichloroethene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
trans-1,3-Dichloropropene	U	1.0		μg/L	1	1/8/2006 10:57:00 AM
Trichloroethene	1.5	1.0		μg/L	1	1/8/2006 10:57:00 AM
Vinyl chloride	U	1.0		μg/L	1	1/8/2006 10:57:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H
- ND
- Holding times for preparation.

 Not Detected at the Reporting Limit

 Indicates the compound was analyzed for but not detecte

 Page 3 of 8.

Date: 09-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: DRILL STEM 2

Lab Order:

0601059

Tag Number:

Project:

Claremont

Collection Date: 1/8/2006 10:15:00 AM

Lab ID:

0601059-03A

Date Received: 1/8/2006

Matrix: LIQUID

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW826	0B		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
1,1,1-Trichloroethane	Ų	1.0	μg/L	1	1/8/2006 11:33:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
1,1,2-Trichloroethane	Ų	1.0	μg/L	1	1/8/2006 11:33:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
1,1-Dichloroethene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
2-Butanone	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
2-Hexanone	Ŭ	1.0	μg/L	1	1/8/2006 11:33:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Acetone	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Acrylonitrile	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Benzene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Bromochloromethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Bromodichloromethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Bromoform	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Bromomethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Carbon disulfide	υ	1.0	μg/L	1	1/8/2006 11:33:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Chlorobenzene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Chloroethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Chloroform	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Chloromethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
cis-1,3-Dichloropropene	υ	1.0	μg/L	1	1/8/2006 11:33:00 AM
Dibromochloromethane	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Ethylbenzene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
m,p-Xylene	U	2.0	μg/L	1	1/8/2006 11:33:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Methylene chloride	U		3 µg/L	1	1/8/2006 11:33:00 AM
o-Xylene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Styrene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Tetrachloroethene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Toluene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
trans-1,2-Dichloroethene	υ	1.0	μg/L	1	1/8/2006 11:33:00 AM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	1/8/2006 11:33:00 AM
Trichloroethene	Ū	1.0	μg/L	1	1/8/2006 11:33:00 AM
Vinyl chloride	Ū	1.0	μg/L	1	1/8/2006 11:33:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page § of 8

Date: 09-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW2D/315/-157

Lab Order:

0601059

Tag Number:

Project:

Claremont

Collection Date: 1/8/2006 2:55:00 PM

Lab ID:

0601059-04A

Date Received: 1/8/2006

Matrix: LIQUID

Analyses	Result	Limit	Qual Un	its D	F Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/	L 1	1/8/2006 3:30:00 PM
1,1,1-Trichloroethane	U	1.0	μg/	L 1	1/8/2006 3:30:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/	L 1	1/8/2006 3:30:00 PM
1,1,2-Trichloroethane	U	1.0	μg/	L 1	1/8/2006 3:30:00 PM
1,1-Dichloroethane	U	1.0	μg/i		1/8/2006 3:30:00 PM
1,1-Dichloroethene	U	1.0	µg/l		1/8/2006 3:30:00 PM
1,2-Dibromoethane	U	1.0	μg/l		1/8/2006 3:30:00 PM
1,2-Dichloroethane	U	1.0	μg/l		1/8/2006 3:30:00 PM
1,2-Dichloropropane	U	1.0	μg/l	_ 1	1/8/2006 3:30:00 PM
2-Butanone	U	1.0	μg/l		1/8/2006 3:30:00 PM
2-Hexanone	Ü	1.0	μg/l		1/8/2006 3:30:00 PM
4-Methyl-2-pentanone	U	1.0	μg/l		1/8/2006 3:30:00 PM
Acetone	U	1.0	μg/l		1/8/2006 3:30:00 PM
Acrylonitrile	U	1.0	μg/L		1/8/2006 3:30:00 PM
Benzene	U	1.0	μg/L		1/8/2006 3:30:00 PM
Bromochloromethane	υ	1.0	µg/L		1/8/2006 3:30:00 PM
Bromodichloromethane	U	1.0	μg/L		1/8/2006 3:30:00 PM
Bromoform	υ	1.0	μg/L		1/8/2006 3:30:00 PM
Bromomethane	U	1.0	μg/L		1/8/2006 3:30:00 PM
Carbon disulfide	U	1.0	μg/L		1/8/2006 3:30:00 PM
Carbon tetrachloride	υ	1.0	μg/L		1/8/2006 3:30:00 PM
Chlorobenzene	U	1.0	μg/L		1/8/2006 3:30:00 PM
Chloroethane	U	1.0	μg/L		1/8/2006 3:30:00 PM
Chloroform	U	1.0	μg/L		1/8/2006 3:30:00 PM
Chloromethane	Ų	1.0	μg/L		1/8/2006 3:30:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L		1/8/2006 3:30:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L		1/8/2006 3:30:00 PM
Dibromochloromethane	U	1.0	μg/L		1/8/2006 3:30:00 PM
Ethylbenzene	U	1.0	μg/L		1/8/2006 3:30:00 PM
m,p-Xylene	U	2.0	μg/L		1/8/2006 3:30:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	1/8/2006 3:30:00 PM
Methylene chloride	U	1.0	В µg/L	1	1/8/2006 3:30:00 PM
o-Xylene	U	1.0	μg/L	1	1/8/2006 3:30:00 PM
Styrene	U	1.0	μg/L	1	1/8/2006 3:30:00 PM
[etrachloroethene	U	1.0	μg/L	1	1/8/2006 3:30:00 PM
「oluene	U	1.0	μg/L	1	1/8/2006 3:30:00 PM
rans-1,2-Dichloroethene	U	1.0	μg/L	1	1/8/2006 3:30:00 PM
rans-1,3-Dichloropropene	U	1.0	µg/L	1	1/8/2006 3:30:00 PM
Frichloroethene Trichloroethene	U	1.0	μg/L	1	1/8/2006 3:30:00 PM
Vinyl chloride	U	1.0	μg/L	1	1/8/2006 3:30:00 PM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page % of 8



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Wednesday, January 11, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601090

American Analytical Laboratories, LLC. received 1 sample(s) on 1/11/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 11-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order: 06

0601090

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601090-01A

EW13D/135/27

1/10/2006 4:10:00 PM

1/11/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC____08285

PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

11418

/ FOR METHANOL PRESERVED SAMPLES YES / NO YES / NO [VOLATILE VIAL #] LARDY SINCH " COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) DATE HI-6 PRINTED NAME PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TIME ' DATE TIME RECEIVED BY LAB SIGNATURE) RECEIVED BY LAB BIGMATURE) SAMPLER (SIGNATURE) SAMPLER NAME (PRINT) TURNAROUND REQUIRED: STAT CHAINONA S NORMAL 🔲 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 1381 からいわ TIME CARY F PRINTED NAME CONTACT 1610 1 SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON 190.01-1 DATE TIME MATRIX # CON-S RELINQUISHED BY (SIGNATURE) RELINQÚÍSHED BY (SIGNATURE) Claremont 60 CLIENT NAME/ADDRESS PROJECT LOCATION: 0601090-01A LABORATORY ID # TYPE

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
Е	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 11-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/135/27

Lab Order:

0601090

Tag Number:

Project:

Claremont

Collection Date: 1/10/2006 4:10:00 PM

Lab ID:

0601090-01A

Date Received: 1/11/2006

Matrix: LIQUID

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260	3		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
1,1-Dichloroethene	Ü	1.0	μg/L	1	1/11/2006 8:32:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
2-Butanone	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
2-Hexanone	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
4-Methyl-2-pentanone	· U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Acetone	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Acrylonitrile	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Benzene	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Bromochloromethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Bromodichloromethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Bromoform	· U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Bromomethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Carbon disulfide	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Carbon tetrachloride	υ	1.0	μg/L	1	1/11/2006 8:32:00 AM
Chlorobenzene	υ	1.0	μg/L	1	1/11/2006 8:32:00 AM
Chloroethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Chloroform	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Chloromethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Dibromochloromethane	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Ethylbenzene	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
m,p-Xylene	U	2.0	μg/L	1	1/11/2006 8:32:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Methylene chloride	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
o-Xylene	IJ	1.0	μg/L	1	1/11/2006 8:32:00 AM
Styrene	U	1.0	μg/L	1	1/11/2006 8:32:00 AM
Tetrachloroethene	Ū	1.0	μg/L	1	1/11/2006 8:32:00 AM
Toluene	Ū	1.0	μg/L	. 1	1/11/2006 8:32:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	1/11/2006 8:32:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	1/11/2006 8:32:00 AM
Trichloroethene	1.9	1.0	μg/L	1	1/11/2006 8:32:00 AM
Vinyl chloride	U	1.0	μg/L	1	1/11/2006 8:32:00 AM

- Value exceeds Maximum Contaminant Level
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank В
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte $Page\ 1$ of



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Wednesday, January 11, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601091

American Analytical Laboratories, LLC. received 1 sample(s) on 1/11/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 11-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601091

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601091-01A

EW13D/155/7

08286

1/11/2006 8:00:00 AM

1/11/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC___08286

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

								T
CLIENI NAME/ADDRESS	(ESS		8	CONTACT:	SAWIPLEK (SIGNATURE)		SAMPLE(S) YES / NO SEALED	<u> </u>
S	SAIC				SAMPLER NAME (PRINT)		CORRECT YES / NO	O _N
PROJECT LOCATION: Claremont	remont				SI SINN N		FOR	
LABORATORY ID#	MATRIX # CON-	CON- INERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION			METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]	ERVED L#]
NO 01091-119 6W	J 6W	0	1-11-06/800	0 EWISD/155/7	9		JID.	
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				of management of the second of		COOLER TEMPERATURE:	ERATURE:	
MATRIX S=SOIL; L= TYPE G=GRAB;	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; I G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	DGE; A-A E, SS=SI	VIR; W=WIPE; P=P PLIT SPOON	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	ND REQUIRED:	COMMENTS/II	COMMENTS / INSTRUCTIONS	
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						l :		

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 11-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/155/7

Lab Order:

0601091

Tag Number: 08286

Project:

Claremont

Collection Date: 1/11/2006 8:00:00 AM

Lab ID:

0601091-01A

Date Received: 1/11/2006

Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	60B		Analyst: SB
1,1,1,2-Tetrachloroethane	บ	1.0	µg/L	1	1/11/2006 9:07:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
1,1-Dichloroethene	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
1,2-Dibromoethane	U	1.0	µg/L	1	1/11/2006 9:07:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
1,2-Dichloropropane	Մ	1.0	μg/L	1	1/11/2006 9:07:00 AM
2-Butanone	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
2-Hexanone	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Acetone	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Acrylonitrile	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Benzene	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Bromochloromethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Bromodichloromethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Bromoform	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Bromomethane	IJ	1.0	μg/L	1	1/11/2006 9:07:00 AM
Carbon disulfide	· U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Chlorobenzene	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Chloroethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Chloroform	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Chloromethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Dibromochloromethane	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Ethylbenzene	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
m,p-Xylene	U	2.0	μg/L	1	1/11/2006 9:07:00 AM
Methyl tert-butyl ether	Ų	1.0	μg/L	1	1/11/2006 9:07:00 AM
Methylene chloride	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
o-Xylene	U	1.0	μg/ L	1	1/11/2006 9:07:00 AM
Styrene	U	1.0	μg/L	1	1/11/2006 9:07:00 AM
Tetrachloroethene	Ü	1.0	μg/L	1	1/11/2006 9:07:00 AM
Toluene	Ū	1.0	μg/L	1	1/11/2006 9:07:00 AM
trans-1,2-Dichloroethene	Ū	1.0	μg/L	1	1/11/2006 9:07:00 AM
trans-1,3-Dichloropropene	Ū	1.0	μg/L	1	1/11/2006 9:07:00 AM
Trichloroethene	Ū	1.0	μg/L	1	1/11/2006 9:07:00 AM
Vinyl chloride	Ū	1.0	μg/L	1	1/11/2006 9:07:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of Z



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Wednesday, January 11, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601102

American Analytical Laboratories, LLC. received 1 sample(s) on 1/11/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 11-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601102

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601102-01A

EW13D/175/-13

08287

1/11/2006 11:05:00 AM

1/11/2006



56 TOLEDO STREET · FARMINGDALE, NEW YORK 11735

(631) 454-6100 · FAX (631) 454-8027

TAG#1600 [1828]

CTDOH

NJDEP PADEP

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	クロン		CHAIN OF CUSIODY	JUY / REQU	/ REQUEST FOR ANALYSIS DOCUMENT	ALYSIS DOC	UMENT	
CLIENT NAME/ADDRESS	ESS		CONTACT		SAMPLER (SIGNATURE)	11	SAMPLE(S)	ON OEN
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WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

Date: 11-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/175/-13

Lab Order:

0601102

Tag Number: 08287

Project:

Claremont

Collection Date: 1/11/2006 11:05:00 AM

Lab ID:

0601102-01A

Date Received: 1/11/2006

Matrix: LIQUID

Analyses	Result	Limit Q	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW826	60B		Analyst: SB
1,1,1,2-Tetrachloroethane	υ	1.0	μg/L	1	1/11/2006 12:09:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
1,2-Dichloroethane	. U	1.0	μg/L	1	1/11/2006 12:09:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
2-Butanone	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
2-Hexanone	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Acetone	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Acrylonitrile	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Benzene	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Bromochloromethane	U	1.0	μg/ L	1	1/11/2006 12:09:00 PM
Bromodichloromethane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Bromoform	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Bromomethane	υ	1.0	μg/L	1	1/11/2006 12:09:00 PM
Carbon disulfide	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Chlorobenzene	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Chloroethane	υ	1.0	μg/L	1	1/11/2006 12:09:00 PM
Chloroform	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Chloromethane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Dibromochloromethane	U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Ethylbenzene	Ū	1.0	μg/L	1	1/11/2006 12:09:00 PM
m,p-Xylene	U	2.0	µg/L	1	1/11/2006 12:09:00 PM
Methyl tert-butyl ether	· U	1.0	μg/L	1	1/11/2006 12:09:00 PM
Methylene chloride	Ū		B μg/L	1	1/11/2006 12:09:00 PM
o-Xylene	Ü	1.0	μg/L	1	1/11/2006 12:09:00 PM
Styrene	Ū.	1.0	μg/L	1	1/11/2006 12:09:00 PM
Tetrachloroethene	Ū	1.0	μg/L	1	1/11/2006 12:09:00 PM
Toluene	Ū	1.0	μg/L	1	1/11/2006 12:09:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	, 1	1/11/2006 12:09:00 PM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	1/11/2006 12:09:00 PM
Trichloroethene	Ü	1.0	μg/L	1	1/11/2006 12:09:00 PM
Vinyl chloride	Ü	1.0	μg/L	1	1/11/2006 12:09:00 PM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte Page 1 of



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Wednesday, January 11, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601112

American Analytical Laboratories, LLC. received 1 sample(s) on 1/11/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Karen Kelly for

Date: 11-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601112

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601112-01A

EW13D/195/-33

8288

1/11/2006 1:10:00 PM

1/11/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC___08288

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

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PROJECT LOCATION: Clar	Churna	+				-176NP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			FOR	T
LABORATORY ID#	MATRIX	MATRIX # CON- TAINERS	SAMPLING DATE/ TIME	ត	SAMPLE # - LOCATION					/ METHANOL PRESERVED SAMPLES { VOLATILE VIAL #]	
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×	LIQUID; SL≕	SLUDGE; A-	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS;	>=PAINT C	B=BULK MATERIAL	TURNAROUN	TURNAROUND REQUIRED:	COMM	COMMENTS / INSTRUCTIONS	SNOI	
TYPE G=GRAB;	C=COMPO	SITE, SS=8	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON		-	NORMAL []	STATES BY		,		
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AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

the flag is not used.

The method allowable holding time

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon,

Indicates sample was received and/or analyzed outside of

Date: 11-Jan-06

CLIENT:

Scientific Applications International Corp.

Lab Order:

0601112

Project: Lab ID:

Claremont

0601112-01A

Date Received: 1/11/2006

Client Sample ID: EW13D/195/-33

Tag Number: 8288

Collection Date: 1/11/2006 1:10:00 PM

Matrix: LIQUID

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260	"	SWR	260B		
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	Analyst: SB
1,1,1-Trichloroethane	υ	1.0	μg/L	1	1/11/2006 2:06:00 PM 1/11/2006 2:06:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	µg/L	1	
1,1,2-Trichloroethane	U	1.0	µg/L	1	1/11/2006 2:06:00 PM
1,1-Dichloroethane	υ	1.0	μg/L	1	1/11/2006 2:06:00 PM
1,1-Dichloroethene	Ū	1.0	µg/L	1	1/11/2006 2:06:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/11/2006 2:06:00 PM
1,2-Dichloroethane	Ū	1.0	μg/L	1	1/11/2006 2:06:00 PM
1,2-Dichloropropane	Ū	1.0	μg/L	1	1/11/2006 2:06:00 PM
2-Butanone	Ü	1.0	μg/L	1	1/11/2006 2:06:00 PM
2-Hexanone	Ū	1.0	μg/L		1/11/2006 2:06:00 PM
4-Methyl-2-pentanone	Ü	1.0	µg/L	1	1/11/2006 2:06:00 PM
Acetone	Ü	1.0		1	1/11/2006 2:06:00 PM
Acrylonitrile	Ū	1.0	μg/L	1	1/11/2006 2:06:00 PM
Benzene	Ü	1.0	μg/L ug/l	1	1/11/2006 2:06:00 PM
Bromochloromethane	U	1.0	μg/L	1	1/11/2006 2:06:00 PM
Bromodichloromethane	Ü	1.0	μg/L	1	1/11/2006 2:06:00 PM
Bromoform	Ü	1.0	µg/L	1	1/11/2006 2:06:00 PM
Bromomethane	Ü	1.0	µg/L	1	1/11/2006 2:06:00 PM
Carbon disulfide	Ü	1.0	μg/L	1	1/11/2006 2:06:00 PM
Carbon tetrachloride	U	1.0	µg/L	1	1/11/2006 2:06:00 PM
Chlorobenzene	Ü	1.0	μg/L "	1	1/11/2006 2:06:00 PM
Chloroethane	U	1.0	µg/L	1	1/11/2006 2:06:00 PM
Chloroform	U	1.0	μg/L	1	1/11/2006 2:06:00 PM
Chloromethane	U	1.0	µg/L	1	1/11/2006 2:06:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/11/2006 2:06:00 PM
cis-1,3-Dichloropropene	U		µg/L	1	1/11/2006 2:06:00 PM
Dibromochloromethane	U	1.0	μg/L	1	1/11/2006 2:06:00 PM
Ethylbenzene	U	1.0	μg/L "	1	1/11/2006 2:06:00 PM
m,p-Xylene		1.0	μg/L 	1	1/11/2006 2:06:00 PM
Methyl tert-butyl ether	U	2.0	μg/L	1	1/11/2006 2:06:00 PM
Methylene chloride	U	1.0	μg/L	1	1/11/2006 2:06:00 PM
o-Xylene	U	1.0	B μg/L	1	1/11/2006 2:06:00 PM
Styrene	U	1.0	µg/L	1	1/11/2006 2:06:00 PM
Tetrachloroethene	U	1.0	μg/L "	1	1/11/2006 2:06:00 PM
Toluene	U	1.0	µg/L	1	1/11/2006 2:06:00 PM
trans-1,2-Dichloroethene	U	1.0	μg/L 	1	1/11/2006 2:06:00 PM
trans-1,3-Dichloropropene	U	1.0	µg/L	1	1/11/2006 2:06:00 PM
Trichloroethene	U	1.0	μg/L	1	1/11/2006 2:06:00 PM
Vinyl chloride	0.72		J μg/L	1	1/11/2006 2:06:00 PM
vinyr Gridiae	U	1.0	μg/L	1	1/11/2006 2:06:00 PM

- Value exceeds Maximum Contaminant Level
- Ė Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte Page 1 of 2 \





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Thursday, January 12, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601114

American Analytical Laboratories, LLC. received 1 sample(s) on 1/11/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 12-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601114

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601114-01A

EW13D/215/-53

8289

1/11/2006 3:15:00 PM

1/11/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC 08289

PH-0205 СТВОН

11418

NY050 68-573 NYSDOH NJDEP PADEP

FOR METHANOL PRESERVED SAMPLES YES / NO YES / NO [VOLATILE VIAL #] COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME SAMPLE(S) SEALED COOLER TEMPERATURE: CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT DATE RECEIVED BY LAB (SIGNATURE) SAMPLER (SIGNATURE) RECEIVED BY LAB (SIGNA) SAMPLER NAME (PRINT) TURNAROUND REQUIRED OBAINO BA 9 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL Cathi Ass 1-11-06/14 EWIST PRINTED NAME PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON PATE F-16-0 is TIME HME. MATRIX # CON-ለ RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) E Chemon CLIENT NAME/ADDRESS PROJECT LOCATION: LABORATORY ID # A1-4111000

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
HONE: (631) 454-6100 FAY: (621) 454

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 12-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/215/-53

Lab Order:

0601114

Tag Number: 8289

Project:

Claremont

Collection Date: 1/11/2006 3:15:00 PM

Lab ID:

0601114-01A

Date Received: 1/11/2006

Matrix: LIQUID

Analyses	Result	Limit Qı	ıal Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260)B		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
1,1,2,2-Tetrachloroethane	υ	1.0	μg/L	1	1/11/2006 4:39:00 PM
1,1,2-Trichloroethane	U	1.0	µg/L	1	1/11/2006 4:39:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
2-Butanone	υ	1.0	μg/L	1	1/11/2006 4:39:00 PM
2-Hexanone	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Acetone	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Acrylonitrile	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Benzene	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Bromochioromethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Bromodichloromethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Bromoform	U	1.0	μg/ L	1	1/11/2006 4:39:00 PM
Bromomethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Carbon disulfide	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Chlorobenzene	Ū	1.0	μg/L	1	1/11/2006 4:39:00 PM
Chloroethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Chloroform	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Chloromethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Dibromochloromethane	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
Ethylbenzene	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
m,p-Xylene	Ū	2.0	μg/L	1	1/11/2006 4:39:00 PM
Methyl tert-butyl ether	IJ	1.0	μg/L	1	1/11/2006 4:39:00 PM
Methylene chloride	U	1.0 B		1	1/11/2006 4:39:00 PM
o-Xylene	Ü	1.0	μg/L	1	1/11/2006 4:39:00 PM
Styrene	Ü	1.0	μg/L	1	1/11/2006 4:39:00 PM
Tetrachloroethene	0.42	1.0 J		1	1/11/2006 4:39:00 PM
Toluene	U	1.0	μg/L	1	1/11/2006 4:39:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	1/11/2006 4:39:00 PM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	1/11/2006 4:39:00 PM
Trichloroethene	0.62	1.0 J		1	1/11/2006 4:39:00 PM
Vinyl chloride	U	1.0	μg/L	1	1/11/2006 4:39:00 PM

- Value exceeds Maximum Contaminant Level
- Ē Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank В
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of 2





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Thursday, January 12, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601118

American Analytical Laboratories, LLC. received 1 sample(s) on 1/12/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 12-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Lab Order:

Claremont

0601118

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601118-01A

EW13D/235/-73

8290

1/12/2006 8:05:00 AM

1/12/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

NYSDOH CTDOH

11418

PH-0205 NY050 68-573 NJDEP PADEP

TAG # / COC 08290

FOR METHANOL PRESERVED SAMPLES YES / NO YES / NO [VOLATILE VIAL #] COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TIME WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT RECEIVED BY LAB (SIGNATURE) RECEIVED BY LAB (SIGNATUĶĒ) C. Hus SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) TURNAROUND REQUIRED: STAT 7000 CHAIND TO THE PORT OF THE PORT X SAMPLE # - LOCATION 4 MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 1-12-06/805 EWIZD 335/ Cath, thes PRINTED NAME PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE 6 12 10 12 TIME 820 DATE TIME # CON-TAINERS 3 RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) MATRIX 3 Cleremons CLIENT NAME/ADDRESS SAIO SAIO PROJECT LOCATION: LABORATORY ID # 01-81110DG TYPE

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
Е	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TiCs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Н

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 12-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/235/-73

Lab Order:

0601118

Tag Number: 8290

Project:

Claremont

Collection Date: 1/12/2006 8:05:00 AM

Lab ID:

0601118-01A

Date Received: 1/12/2006

Matrix: LIQUID

Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260	· · · · · · · · · · · · · · · · · · ·	SW8260E			Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
1,1,2,2-Tetrachloroethane	υ	1.0	μg/L	1	1/12/2006 9:23:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
1,1-Dichloroethene	Ū	1.0	μg/L	1	1/12/2006 9:23:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
2-Butanone	υ	1.0	μg/L	1	1/12/2006 9:23:00 AM
2-Hexanone	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Acetone	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Acrylonitrile	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Benzene	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Bromochloromethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Bromodichloromethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Bromoform	υ	1.0	μg/L	1	1/12/2006 9:23:00 AM
Bromomethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Carbon disulfide	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Chlorobenzene	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Chloroethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Chloroform	ប	1.0	μg/L	1	1/12/2006 9:23:00 AM
Chloromethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
cis-1,2-Dichloroethene	Ü	1.0	μg/L	1	1/12/2006 9:23:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Dibromochloromethane	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
Ethylbenzene	Ū	1.0	μg/L	1	1/12/2006 9:23:00 AM
m,p-Xylene	Ū	2.0	μg/L	1	1/12/2006 9:23:00 AM
Methyl tert-butyl ether	Ū	1.0	μg/L	1	1/12/2006 9:23:00 AM
Methylene chloride	Ū	1.0	μg/L	1	1/12/2006 9:23:00 AM
o-Xylene	Ū	1.0	μg/L	1	1/12/2006 9:23:00 AM
Styrene	Ü	1.0	μg/L	1	1/12/2006 9:23:00 AM
Tetrachloroethene	Ū	1.0	μg/L	1	1/12/2006 9:23:00 AM
Toluene	Ü	1.0	μg/L	1	1/12/2006 9:23:00 AM
trans-1,2-Dichloroethene	U	1.0	μg/L	1	1/12/2006 9:23:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	1/12/2006 9:23:00 AM
Trichloroethene	Ü	1.0	μg/L	1	1/12/2006 9:23:00 AM
Vinyl chloride	U	1.0	µg/L	1	1/12/2006 9:23:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Thursday, January 12, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601129

American Analytical Laboratories, LLC. received 1 sample(s) on 1/12/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 12-Jan-06

1/12/2006 10:35:00 AM

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

EW13D/255/-93

Lab Order:

0601129-01B

0601129

Work Order Sample Summary

1/12/2006

 Lab Sample ID
 Tag Number
 Collection Date
 Date Received

 0601129-01A
 EW13D/255/-93
 8320
 1/12/2006 10:35:00 AM
 1/12/2006

8320

AMERICAN ANAIVIICAL ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

3	HAIN	CHAIN OF CUSTODY	STO	1 1	EST F	/ REQUEST FOR ANALYSIS DOCUMENT	IS DOCL	MENT	
CLIENT NAME/ADDRESS			CONTACT:		SA	SAMPLER (SIGNATURE)		SAMPLE(S) SEALED	YES / NO
5AIC					WS SAI	SAMPLER NAME (PRINT)		CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:				THE STATE OF THE S	76	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			FOR
LABORATORY MA	MATRIX # CON- TAINERS	SAMPLING SAMPLING SS DATE/	DN _	SAMPLE # - LOCATION		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		M	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
9	C 39	1.12-06/10/35 EW13D	18 3 5 E	1355/-	93 X				
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	and the first of t								
	+								
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2 - un meserund for dissibiled	A may	in dissit		gasa					
2 2 Mai	7	heads p	- 1	>			COOLER	COOLER TEMPERATURE:	
MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; I	D; SL=SLUDGE	; A-AIR; W=WIPE;	P=PAINT C	MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL TYDE	TURNAROUI	TURNAROUND REQUIRED:	COMMEN	COMMENTS / INSTRUCTIONS	
- 1	JWIPCOLLE, 93	S-SPLII SPUON			NORMAL	STAND BY			
RELINQUISHED BY (SIGNATURE)	ATURE)	DATE 1-12-0C TIME	PRINTED NAME	=	RECEIVED	BX LAB (SIGNATURE)	DATE-12-6	1	
ath thus	5		Cathy	7 ths 8	10	Land	1050 1050	WIRT SIME	WGH
RELINQUISHED BY (SIGNATURE)	ATURE)	DATE	PRINTED ŃAME	NAME	RECEIVED	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

0601203 0601203

Rec'vd Date: 01/13/06 10:26

IEW YORK 11735

11418 PH-0205 NY050 68-573

NYSDOH CTDOH NJDEP PADEP

TAG # / COC 08325

QUEST FOR ANALYSIS DOCUMENT

FOR METHANOL PRESERVED SAMPLES YES / NO YES / NO [VOLATILE VIAL #] COMMENTS / INSTRUCTIONS Kyle Glal CORRECT CONTAINER(S) PRINTED NAME PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED 1 TIME 1 0536 DATE (J())DATE TIME BY MAB (SIGNATURE) REC#VED BY LAB (SIGNATURE) SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) TURNAROUND REQUIRED: STAT メ CIAINO IN TO THE COUNTY OF THE メ ナ RECEIVED NORMAL 🗆 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL -6211090 SRINTED NAME CONTACT 112/06 103 SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOOF DATE! | | DATE TIME MATRIX # CON-4 RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) CLIENT NAME/ADDRESS PROJECT LOCATION: LABORATORY ID # TYPE

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

Environmental Testing Laboratories, Inc. 208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

01/16/2006

Case Narrative

DISSOLVED GASES

The analysis was carried out at 76 degrees Fahrenheit and 1 atm. Oxygen was analyzed using the SYI 5000 instrument (Oxygen analyzer). Carbon dioxide was calculated using the head space method. The Henry's coefficient was 1714. Carbon monoxide and methane were not detected.



- 0601203 -

Page: 3 of 4

AMERICAN ANALYTICAL LABORATORIES, LLC 56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

the flag is not used.

The method allowable holding time

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
j	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon,

Indicates sample was received and/or analyzed outside of

Scientific Applications International Corp.

Lab Order:

0601129

Client Sample ID: EW13D/255/-93

Tag Number: 8320

Project:

CLIENT:

Claremont

Collection Date: 1/12/2006 10:35:00 AM

Date: 12-Jan-06

Lab ID:

0601129-01A

Date Received: 1/12/2006

Matrix: LIQUID

Analyses	Result	Limit	Qual Uni	ts DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
1,1-Dichloroethene	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
2-Butanone	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
2-Hexanone	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Acetone	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Acrylonitrile	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Benzene	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Bromochloromethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Bromodichloromethane	υ	1.0	μg/L	1	1/12/2006 11:34:00 AM
Bromoform	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Bromomethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Carbon disulfide	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Carbon tetrachloride	υ	1.0	µg/L	1	1/12/2006 11:34:00 AM
Chlorobenzene	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Chloroethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Chloroform	U	1.0	µg/L	1	1/12/2006 11:34:00 AM
Chloromethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Dibromochloromethane	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Ethylbenzene	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
m,p-Xylene	U	2.0	µg/L	1	1/12/2006 11:34:00 AM
Methyl tert-butyl ether	U	1.0	µg/L	1	1/12/2006 11:34:00 AM
Methylene chloride	U	1.0	B μg/L	1	1/12/2006 11:34:00 AM
o-Xylene	υ	1.0	μg/L	1	1/12/2006 11:34:00 AM
Styrene	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Tetrachloroethene	U	1.0	μg/L	1	1/12/2006 11:34:00 AM
Toluene	Ū	1.0	μg/L	1	1/12/2006 11:34:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	1/12/2006 11:34:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	1/12/2006 11:34:00 AM
Trichloroethene	Ū	1.0	μg/L	1	1/12/2006 11:34:00 AM
Vinyl chloride	Ü	1.0	μg/L	1	1/12/2006 11:34:00 AM

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- Holding times to. ...

 Not Detected at the Reporting Limit

 Indicates the compound was analyzed for but not detecte
 Page Nof 4

 1 of 2



Date: 12-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/255/-93

Lab Order:

0601129

Tag Number: 8320

Project:

Claremont

Collection Date: 1/12/2006 10:35:00 AM

Lab ID:

0601129-01B

Date Received: 1/12/2006

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8	260B			Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	ı	ppbv	1	1/12/2006 12:24:00 PM
1,1,1-Trichloroethane	U	1.0	1	ppbv	1	1/12/2006 12:24:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	ı	ppbv	1	1/12/2006 12:24:00 PM
1,1,2-Trichloroethane	U	1.0	ı	ppbv	1	1/12/2006 12:24:00 PM
1,1-Dichloroethane	U	1.0	I	ppbv	1	1/12/2006 12:24:00 PM
1,1-Dichloroethene	U	1.0	į	ppbv	1	1/12/2006 12:24:00 PM
1,2-Dibromoethane	U	1.0	ŧ	opbv	1	1/12/2006 12:24:00 PM
1,2-Dichloroethane	U	1.0	ŗ	opbv	1	1/12/2006 12:24:00 PM
1,2-Dichloropropane	U	1.0	ŗ	opbv	1	1/12/2006 12:24:00 PM
2-Butanone	U	1.0	ŗ	opbv	1	1/12/2006 12:24:00 PM
2-Hexanone	U	1.0	ŗ	opbv	1	1/12/2006 12:24:00 PM
4-Methyl-2-pentanone	U	1.0	-	opbv	1	1/12/2006 12:24:00 PM
Acetone	U	1.0		pbv	1	1/12/2006 12:24:00 PM
Acrylonitrile	u	1.0		opbv	1	1/12/2006 12:24:00 PM
Benzene	U	1.0	ŗ	pbv	1	1/12/2006 12:24:00 PM
Bromochloromethane	υ	1.0		pbv	1	1/12/2006 12:24:00 PM
Bromodichloromethane	U	1.0		opbv	1	1/12/2006 12:24:00 PM
Bromoform	U	1.0	•	pbv	1	1/12/2006 12:24:00 PM
Bromomethane	υ	1.0		pbv	1	1/12/2006 12:24:00 PM
Carbon disulfide	u	1.0	-	pbv	1	1/12/2006 12:24:00 PM
Carbon tetrachloride	U	1.0		pbv	1	1/12/2006 12:24:00 PM
Chlorobenzene	U	1.0	•	pbv	1	1/12/2006 12:24:00 PM
Chloroethane	U	1.0		pbv	1	1/12/2006 12:24:00 PM
Chloroform	Ü	1.0	•	pbv	1	1/12/2006 12:24:00 PM
Chloromethane	Ū	1.0	•	pbv	1	1/12/2006 12:24:00 PM
cis-1,2-Dichloroethene	Ū	1.0		pbv	1	1/12/2006 12:24:00 PM
cis-1,3-Dichloropropene	Ū	1.0		pbv	1	1/12/2006 12:24:00 PM
Dibromochloromethane	Ŭ	1.0		pbv	1	1/12/2006 12:24:00 PM
Ethylbenzene	Ü	1.0	•	pbv	1	1/12/2006 12:24:00 PM
m,p-Xylene	Ü	2.0	-	pbv	1	1/12/2006 12:24:00 PM
Methyl tert-butyl ether	Ü	1.0	•	pbv	1	1/12/2006 12:24:00 PM
Methylene chloride	Ü	1.0		pbv	1	1/12/2006 12:24:00 PM
o-Xylene	U	1.0	- 6	pbv	1	1/12/2006 12:24:00 PM
Styrene	Ü	1.0		pbv	1	1/12/2006 12:24:00 PM
Tetrachloroethene	U	1.0	•	pbv	1	1/12/2006 12:24:00 PM
Toluene	U	1.0		pbv	1	1/12/2006 12:24:00 PM
trans-1,2-Dichloroethene	Ü	1.0		pbv	1	1/12/2006 12:24:00 PM
trans-1,3-Dichloropropene	U	1.0	•	•	1	1/12/2006 12:24:00 PM
Trichloroethene	U	1.0		pbv	1	1/12/2006 12:24:00 PM
Vinyl chloride	U	1.0 1.0		pbv pbv	1	1/12/2006 12:24:00 PM 1/12/2006 12:24:00 PM

- Value exceeds Maximum Contaminant Level
- Ε Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte Page \Im of 4

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

01/16/2006

Collected: 01/12/2006 10:35

TCD Head Space Analysis

Sample: 0601203-1

Client Sample ID: 0601129-1

Matrix: Liquid

Type: Grab

Remarks:

Analyzed Date: 01/16/2006

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
74-82-8	Methane	D -	0.0050	0.0050	ppm	U
630-08-0	Carbon Monoxide	D -	0.10	0.10	ppm	U
124-38-9	Carbon Dioxide	D -	0.10	2240	ppm	
7782-44-7	Oxygen	D -	0	7.87	ppm	

- 0601203 -



Page: 2 of 4



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Thursday, January 12, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

Kellyfor

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601135

American Analytical Laboratories, LLC. received 1 sample(s) on 1/12/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 12-Jan-06

CLIENT:

Lab Order:

Scientific Applications International Corp.

Project:

Claremont

0601135

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601135-01A

EW13D/275/-113

08321

1/12/2006 1:10:00 PM

1/12/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG#/COC 08321

PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

/ FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] SAMPLES COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) RINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT RECEIVED BY LAB (SIGNATURE) RECEIVED BY LAB (SIGNATURE) SAMPLER NAME (PRINT) TURNAROUND REQUIRED: OBAINOBA ANALYSIS 113 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL COLLY HASS 1-12-06/13/0EW13D PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE -06 1-12-06 TIME |30-6 E E MATRIX # CON-Claremont SAIC RELINQUISHED BY (SIGNATURE) RELINQUISHEĎ BY (SIGNATURE) <u>ප</u> 400 CLIENT NAME/ADDRESS PROJECT LOCATION: LABORATORY ID# Ocd 1135-1A TYPE

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

Date: 12-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/275/-113

Lab Order:

0601135

Tag Number: 08321

Project:

Claremont

Collection Date: 1/12/2006 1:10:00 PM

Lab ID:

0601135-01A

Date Received: 1/12/2006

Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW826	60B		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
1,1,1-Trichloroethane	3.4	1.0	μg/L	1	1/12/2006 3:07:00 PM
1,1,2,2-Tetrachloroethane	บ	1.0	μg/ L	1	1/12/2006 3:07:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
1,1-Dichloroethane	IJ	1.0	μg/L	1	1/12/2006 3:07:00 PM
1,1-Dichloroethene	2.8	1.0	μg/L	1	1/12/2006 3:07:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
2-Butanone	U	1.0	μg/ L	1	1/12/2006 3:07:00 PM
2-Hexanone	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Acetone	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Acrylonitrile	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Benzene	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Bromochloromethane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Bromodichloromethane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Bromoform	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Bromomethane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Carbon disulfide	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Chlorobenzene	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Chloroethane	· U	1.0	µg/L	1	1/12/2006 3:07:00 PM
Chloroform	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Chloromethane	U	1.0	μg/ L	1	1/12/2006 3:07:00 PM
cis-1,2-Dichloroethene	7.5	1.0	μg/L	1	1/12/2006 3:07:00 PM
cis-1,3-Dichloropropene	IJ	1.0	μg/L	1	1/12/2006 3:07:00 PM
Dibromochloromethane	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Ethylbenzene	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
m,p-Xylene	U	2.0	μg/L	1	1/12/2006 3:07:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Methylene chloride	10	1.0	μg/L	1	1/12/2006 3:07:00 PM
o-Xylene	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Styrene	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Tetrachloroethene	23	1.0	μg/L	1	1/12/2006 3:07:00 PM
Toluene	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
trans-1,2-Dichloroethene	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	1/12/2006 3:07:00 PM
Trichloroethene	150	1.0	μg/L	1	1/12/2006 3:07:00 PM
Vinyl chloride	U	1.0	μg/L	1	1/12/2006 3:07:00 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Friday, January 13, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

Kellyfor

TEL: (717) 901-8806 FAX (717) 901-8102

RE: CLAREMONT

Dear Catherine Huss:

Order No.: 0601142

American Analytical Laboratories, LLC. received 1 sample(s) on 1/13/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 13-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

CLAREMONT

Lab Order:

0601142

Work Order Sample Summary

Lab Sample ID Client Sample ID

Tag Number

Collection Date

Date Received

0601142-01A

EW13D/295/-133

08322

1/12/2006 5:25:00 PM

1/13/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC 08322

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

AMPLE # - LOCATION TO CONTAINER(S) SAMPLER NAME PRINT) SAMPLER NAME PRINT) SAMPLER NAME PRINT) CONTAINER(S) CONTAINER(S) COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COLER TEMPERATURE: COMMENTS / INSTRUCTIONS NORMAL 'D. STANDON BY / INSTRUCTIONS N		CH	AIN	CHAIN OF CUSTODY	rody	/ REQUEST FOR ANALYSIS DOCUMENT	ST F	OR AI	VALYS	S DOC	UME	LNI	
ALEMANTICAL TANIETRA	CLIENT NAME/ADDRE	ESS		IOO	NTACT:		SAMF	PLER (SIGNATUR	(E)			SAMPLE(S) SEALED	YES / NO
MATTER # CON- MATTER TAINERS GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 22 FGE-0P/1734 EU. LOCATION GELU 23 FGE-0P/1734 EU. LOCATION GELU 23 FGE-0P/1734 EU. LOCATION GELU 23 FGE-0P/1734 EU. LOCATION GELU 24 FGELU SPOOL GELU 24 FGELU SPOOL GELU 25 FG	7	75					SAMF	PLER NAME (PRI	(LN			CORRECT CONTAINER(S)	YES / NO
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GEW 22 F62-04/1321/EW/32/295/-/33 X COOLER TEI COOLER	LABORATORY ID #	MATRIX	# CON- TAINERS		<i>'</i> \$	AMPLE # - LOCATIO!		Jan 1				ME:	THANOL PRESERVED SAMPLES VOLATILE VIAL #]
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TIME DOTE: AAIR, W=WIPE: P=PAINT CHIPS; B=BULK MATERIAL TIME DATE TIME DATE TIME TI						- Application of the Application							
UDGE: A-AIR: W-WIPE: P-PAINT CHIPS; B-BULK MATERIAL TURNAROUND REQUIRED: TE. SS=SPLIT SPOON NORMAL'D STAYED BY I I I I I I I I I I I I I I I I I I													
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	RELINQUISHED BY	SIGNATUR		DATE PR	INTED NAM		RECEIVED	BY LAB (SIG	MATURE)	• •	<u>a</u>	TED NAME	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Н

Date: 13-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/295/-133

Lab Order:

0601142

Tag Number: 08322

Project:

CLAREMONT

Collection Date: 1/12/2006 5:25:00 PM

Lab ID:

0601142-01A

Date Received: 1/13/2006

Matrix: SOIL

Analyses	Result	Limit	Qual U	J nits	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	260B			Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
1,1,1-Trichloroethane	1.5	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μ	ıg/L	1	1/13/2006 7:49:00 AM
1,1,2-Trichloroethane	υ	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
1,1-Dichloroethane	IJ	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
1,1-Dichloroethene	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
1,2-Dibromoethane	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
1,2-Dichloroethane	Ü	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
1,2-Dichloropropane	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
2-Butanone	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
2-Hexanone	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
4-Methyl-2-pentanone	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Acetone	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Acrylonitrile	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Benzene	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Bromochloromethane	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Bromodichloromethane	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Bromoform	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Bromomethane	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Carbon disulfide	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Carbon tetrachloride	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Chlorobenzene	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Chloroethane	U	1.0		g/L	1	1/13/2006 7:49:00 AM
Chloroform	U	1.0		g/L	1	1/13/2006 7:49:00 AM
Chloromethane	U	1.0		g/L	1	1/13/2006 7:49:00 AM
cis-1,2-Dichloroethene	U	1.0		g/L	1	1/13/2006 7:49:00 AM
cis-1,3-Dichloropropene	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Dibromochloromethane	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
Ethylbenzene	U	1.0	μ	g/L	1	1/13/2006 7:49:00 AM
m,p-Xylene	U	2.0	μί	g/L	1	1/13/2006 7:49:00 AM
Methyl tert-butyl ether	U	1.0	μι	g/L	1	1/13/2006 7:49:00 AM
Methylene chloride	· U	1.0		g/L	1	1/13/2006 7:49:00 AM
o-Xylene	U	1.0		g/L	1	1/13/2006 7:49:00 AM
Styrene	U	1.0	μg	g/L	1	1/13/2006 7:49:00 AM
Tetrachloroethene	4.6	1.0		g/L	1	1/13/2006 7:49:00 AM
Toluene	U	1.0		g/L	1	1/13/2006 7:49:00 AM
trans-1,2-Dichloroethene	U	1.0		g/L	1	1/13/2006 7:49:00 AM
trans-1,3-Dichloropropene	U	1.0		g/L	1	1/13/2006 7:49:00 AM
Trichloroethene	16	1.0		- g/L	1	1/13/2006 7:49:00 AM
Vinyl chloride	U	1.0		g/L	1	1/13/2006 7:49:00 AM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Ē Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of 2/





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Friday, January 13, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601148

American Analytical Laboratories, LLC. received 1 sample(s) on 1/13/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,
Karen Kelly Sir

Lori Beyer

Lab Director

Date: 13-Jan-06

CLIENT:

Scientific Applications International Corp.

Project: Lab Order: Claremont

0601148

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601148-01A

EW13D/315/-153

8323

1/13/2006 10:25:00 AM

1/13/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC___08323

11418 PH-0205 NY050 68-573

NYSDOH CTDOH NJDEP PADEP

	CHAIN	CHAIN OF CUSTODY	STO	DY / REQUEST FOR ANALYSIS DOCUMENT	EST F	SOR.	ANALY	SIS	DOCI	JMEN	L	
CLIENT NAME/ADDRESS	SSS		CONTACT		SA	SAMPLER (SIGNATURE)	ATURE)			SAME	PLE(S)	
841C						C. Huss	Z.			SEAL	SEALED	YES / NO
	, :				SA	SAMPLER NAME (PRINT)	(PRINT)			COR	CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION: Claneman	enont				1/2	SISA TONN						FOR
LABORATORY ID #	MATRIX # CON-	SAMPLING SAMPLING SS DATE/	NG /	SAMPLE # - LOCATION		267					MET	METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
W1-85110	c 19	1-13-06/1025 EW/3D	1025-E	10130/315/-153		2						
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									COOLER	COOLER TEMPERATURE	TURE:	
MATRIX S=SOIL; L=LI TYPE G=GRAB; C	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; G=GRAB: C=COMPOSITE. SS=SPI IT SPOON	; A-AIR; W=WIPE; S=SPI IT SPOON	P=PAINT C	HIPS; B=BULK MATERIAL	TURNAROUND REQUIRED:	ND REQUIF		,	COMMEN	COMMENTS / INSTRUCTIONS	SUCTIONS	
	î				NORMAL [\mathcal{F}^{TAT}	<i>6</i>	,		7		
RELINQUISHED BY (SIGNATURE)	SIGNATURE)	PATE - 6C	PRINTED NAME		RECEIVED BY LAB (SIGNA	BY LAB (SIGNATURE	Y F	рате _[13/0 тис	PRINTED NAME	NAME /	W. d.
Carr	two	643	(34/hy	ty The					704S	F (H/CHON'S	218
RELINQUISHED BY (SIGNATURE)	IIGNATURE)	DATE	PRINTED NAME	NAME	RECEIVED	BY LAB (RECEIVED BY LAB (SIGNÁTURE)	DÁTE TIME	및 교	PRINTED NAME	NAME	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

Date: 13-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/315/-153

Lab Order:

0601148

Tag Number: 8323

Project:

Claremont

Collection Date: 1/13/2006 10:25:00 AM

Lab ID:

0601148-01A

Date Received: 1/13/2006

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	260B			Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
1,1,1-Trichloroethane	1.7	1.0		μg/L	1	1/13/2006 11:26:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	1/13/2006 11:26:00 AM
1,1-Dichloroethane	1.5	1.0		µg/L	1	1/13/2006 11:26:00 AM
1,1-Dichloroethene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
1,2-Dibromoethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
1,2-Dichloroethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
1,2-Dichloropropane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
2-Butanone	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
2-Hexanone	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
4-Methyl-2-pentanone	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Acetone	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Acrylonitrile	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Benzene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Bromochloromethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Bromodichloromethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Bromoform	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Bromomethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Carbon disulfide	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Carbon tetrachloride	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Chlorobenzene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Chloroethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Chloroform	Ų	1.0		μg/L	1	1/13/2006 11:26:00 AM
Chloromethane	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
cis-1,2-Dichloroethene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Dibromochloromethane	U	1.0		μg/ L	1	1/13/2006 11:26:00 AM
Ethylbenzene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
m,p-Xylene	U	2.0		μg/L	1	1/13/2006 11:26:00 AM
Methyl tert-butyl ether	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Methylene chloride	U	1.0	В	μg/L	1	1/13/2006 11:26:00 AM
o-Xylene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Styrene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Tetrachloroethene	4.1	1.0		μg/L	1	1/13/2006 11:26:00 AM
Toluene	U	1.0		μg/ L	1	1/13/2006 11:26:00 AM
trans-1,2-Dichloroethene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
trans-1,3-Dichloropropene	U	1.0		μg/L	1	1/13/2006 11:26:00 AM
Trichloroethene	29	1.0		μg/L	1	1/13/2006 11:26:00 AM
Vinyl chloride	U	1.0		µg/L	1	1/13/2006 11:26:00 AM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - U Indicates the compound was analyzed for but not detecte Page 1 of Z (





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Friday, January 13, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601156

American Analytical Laboratories, LLC. received 1 sample(s) on 1/13/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Karen Kelly for

Date: 13-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601156

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601156-01A

EW13D/335/-173

08345

1/13/2006 12:45:00 PM

1/13/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

TAG # / COC 08345

11418 PH-0205 NY050 68-573

NYSDOH CTDOH NJDEP PADEP

	CLIENT NAME/ADDRESS	SS		00	CONTACT:	SAMPLER (SIGNATURE)		SAMPLE(S) YI	YES / NO
	15	SAIC	ì			SAMPLER NAME (PRINT)		CORRECT Y	YES / NO
	PROJECT LOCATION:	Claremo-	T		17.700,700,400.04	OF THE SEST WAY			FOR
	LABORATORY ID #	MATRIX	# CON- TAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION			METHANOL SAM [VOLATI	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0	A1-951/090	Mg	d	1-13-06 /1345	EW135/335/	-/73 X			
7				`					
						1,000			
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						· MANAGE ·	COOLER TEMPERATURE:	IPERATURE:	
	MATRIX S=SOIL; L=LI	IQUID; SL={	SLUDGE; A.,	AIR; W=WIPE; P=PA	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNAROUND REQUIRED:	COMMENTS	COMMENTS / INSTRUCTIONS	
		SCOMPOSITION OF STREET	SIIE, SSES	G-GRAB; C-COMPOSITE, SS-SPLIT SPOON		NORMAL□ STAT❤ BY /			
	RELINQUISHED BY (SIGNATURE)	SIGNATURE			PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE //3/00PRINTED	SINTED NAME	
	一名で	En L		00	Lathy Huss	P	TIME (303)	一方もつい	Ú
	RELINQUISHEĎ BY (SIGNATURE)	SIGNATURE		Date Prii Time	PRINTED NAME	RECEIVED BY LAB (SIĞNATURE)	ļ	PRINTED NAME	
								-	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 13-Jan-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW13D/335/-173

Lab Order:

0601156

Tag Number: 08345

Project:

Claremont

Collection Date: 1/13/2006 12:45:00 PM

Lab ID:

0601156-01A

Date Received: 1/13/2006

Matrix: LIQUID

Analyses	Result	Limit (Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW82	60B			Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
1,1,1-Trichloroethane	U	1.0		µg/L	1	1/13/2006 1:24:00 PM
1,1,2,2-Tetrachloroethane	υ	1.0		μg/L	1	1/13/2006 1:24:00 PM
1,1,2-Trichloroethane	Ŭ	1.0		µg/L	1	1/13/2006 1:24:00 PM
1,1-Dichloroethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
1,1-Dichloroethene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
1,2-Dibromoethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
1,2-Dichloroethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
1,2-Dichloropropane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
2-Butanone	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
2-Hexanone	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
4-Methyl-2-pentanone	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Acetone	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Acrylonitrile	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Benzene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Bromochloromethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Bromodichloromethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Bromoform	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Bromomethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Carbon disulfide	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Carbon tetrachloride	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Chlorobenzene	U	1.0		μg/Ĺ	1	1/13/2006 1:24:00 PM
Chloroethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Chloroform	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Chloromethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
cis-1,2-Dichloroethene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Dibromochloromethane	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Ethylbenzene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
m,p-Xylene	U	2.0		μg/ L	1	1/13/2006 1:24:00 PM
Methyl tert-butyl ether	IJ	1.0		μg/L	1	1/13/2006 1:24:00 PM
Methylene chloride	U	1.0	В	μg/L	1	1/13/2006 1:24:00 PM
o-Xylene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Styrene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Tetrachloroethene	0.45	1.0	J	μg/L	1	1/13/2006 1:24:00 PM
Toluene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
trans-1,2-Dichloroethene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
trans-1,3-Dichloropropene	U	1.0		μg/L	1	1/13/2006 1:24:00 PM
Trichloroethene	5.4	1.0		μg/L	1	1/13/2006 1:24:00 PM
Vinyl chloride	υ	1.0		μg/L	1	1/13/2006 1:24:00 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Friday, January 13, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601160

American Analytical Laboratories, LLC. received 1 sample(s) on 1/13/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer Lab Director

Date: 13-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601160

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601160-01A

EW13D/355/-193

8346

1/13/2006 3:45:00 PM

1/13/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

9 7 9 9 9 9 TAG # / COC_

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

	CHAI	Z	JF CUST	CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT	EST FOR AN	ALYSIS	DOCU	MENT	
CLIENT NAME/ADDRESS	, c		Ō	CONTACT:	SAMPLER (SIGNATURE)	Has		SAMPLE(S) SEALED	YES / NO
24/C	. 1				SAMPLER NAME (PRINT)	•		CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION: Clasemon	*				BAIR ON THE STANK				FOR
LABORATORY ID #	MATRIX # CON-	CON-	SAMPLING DATE/ TIME	SAMPLE # - LOCATION				ME	METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
01160-1A 6	to Mg		1-13-04/845EW	5-155E/081M3 5					
							COOLER TE	COOLER TEMPERATURE:	
×	IID; SL=SLU	IDGE; A-,	AIR; W=WIPE; P=PA	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNAROUND REQUIRED:		COMMENTS	COMMENTS / INSTRUCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	OMPOSITI	E, SS=5	SPLIT SPOON		NORMAL CI STAT	BY / /	7	<u> </u>	
RELINQUISHED BY (SIGNATURE)	NATURE)		DATE PRI 1-13-06 TIME	Cath, The	RECEIVED BY LAB (SIGNATU		DATE 100	PAINTED NAME	6/1
RELINQUISHED BY (SIGNATURE)	NATURE)		, -	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)		DATE	PRINTED NAME	
		1	TIME			<u> </u>	TIME		

29

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

the flag is not used.

The method allowable holding time

Н

Value	If the result is greater than or equal to the detection limit, report the value
U .	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

CLIENT: Scientific Applications International Corp.

Client Sample ID: EW13D/355/-193

Lab Order:

0601160

Tag Number: 8346

Project:

Claremont

Collection Date: 1/13/2006 3:45:00 PM

Date: 13-Jan-06

Lab ID: 0601160-01A Date Received: 1/13/2006 Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW826	60B		Analyst: RN
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
1,1,2,2-Tetrachloroethane	Ü	1.0	μg/L	1	1/13/2006 4:38:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
1,1-Dichloroethene	Ū	1.0	μg/L	1	1/13/2006 4:38:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
2-Butanone	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
2-Hexanone	· U	1.0	μg/L	1	1/13/2006 4:38:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Acetone	Ü	1.0	μg/L	1	1/13/2006 4:38:00 PM
Acrylonitrile	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Benzene	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Bromochloromethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Bromodichloromethane	Ü	1.0	μg/L	1	1/13/2006 4:38:00 PM
3romoform .	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
3romomethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Carbon disulfide	U,	1.0	μg/L	1	1/13/2006 4:38:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Chlorobenzene	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Chloroethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Chloroform	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Chloromethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
is-1,2-Dichloroethene	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
Dibromochloromethane	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
thylbenzene	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
n,p-Xylene	U	2.0	μg/L	1	1/13/2006 4:38:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
lethylene chloride	U	1.0 I	3 µg/ L	1	1/13/2006 4:38:00 PM
-Xylene	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
tyrene	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
etrachloroethene	21	1.0	µg/L	1	1/13/2006 4:38:00 PM
oluene	υ	1.0	μg/L	1	1/13/2006 4:38:00 PM
ans-1,2-Dichloroethene	U	1.0	µg/L	1	1/13/2006 4:38:00 PM
ans-1,3-Dichloropropene	U	1.0	μg/L	1	1/13/2006 4:38:00 PM
richloroethene	110	1.0	µg/L	1	1/13/2006 4:38:00 PM
/inyl chloride	· U	1.0	μg/L	1	1/13/2006 4:38:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte Page 1 of





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Monday, January 16, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0601163

American Analytical Laboratories, LLC. received 1 sample(s) on 1/14/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 16-Jan-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0601163

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Collection Date

Date Received

0601163-01A

EW13D/375/-213

08347

1/14/2006 11:50:00 AM

1/14/2006

AMERICAN ANALYTICAL ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC___08347

11418 PH-0205

NY050 68-573 NYSDOH CTDOH NJDEP PADEP

	CH	N	CHAIN OF CUSTODY	TOD	Y / REQUEST FOR ANALYSIS DOCUMENT	EST	FOR	ANAL	YSIS	DOC	UME	LZ	
CLIENT NAME/ADDRESS	SS		00	CONTACT:	1		SAMPLER (SIGNATURE)	NATURE)				SAMPLE(S) SEALED	YES / NO
SAIC	,)					1	SAMPLER NAME (PRINT)	4E (PRINT)				CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION: (arement	non						CIBAINOS SISA TANA						FOR
LABORATORY ID #	MATRIX	MATRIX # CON-	SAMPLING DATE/ TIME		SAMPLE # - LOCATION		201					ME:	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0601163-aA	mg	B	1-14-06/1150	1 I	EW130/375/-	213	٩						
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		and with the description of the second secon		-									
										COOLE	ER TEMPE	COOLER TEMPERATURE:	
MATRIX S=SOIL; L=LIC	QUID; SL=S	SLUDGE; A	-AIR; W=WIPE; P=F	AINT CHIP	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNAR	TURNAROUND REQUIRED:	RED:		COMMI	ENTS / IN	COMMENTS / INSTRUCTIONS	
	=COMPO:	SHE, SSE	G=GRAB; C=COMPOSTE, SS=SPLIT SPOON			NORMAL []		STAT BY	_	<u> </u>			
RELINGUISHED BY (SIGNATURE)	IGNATURE		\$\./	PRINTED NAME Cally	ANNE ASS	RECEIVED	` :	BY LAB (SIGNATURE)	_	DATE 1-1-5 TIME		PRINTED NAME VOR SIMM.	J.A.
RELINQUISHED BY (SIGNATURE)	IGNATURE		DATE PR	PRINTED NAM	ļ.,,	RECEIVED BY	ED BY LAB	(SIGNATURE)		DATE		PRINTED NAME	
										IME			

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon,

Indicates sample was received and/or analyzed outside of

the flag is not used.

The method allowable holding time

Н

Date: 16-Jan-06

CLIENT: Lab Order: Scientific Applications International Corp.

0601163

Client Sample ID: EW13D/375/-213

Tag Number: 08347

Claremont

Project: Lab ID:

0601163-01A

Date Received: 1/14/2006

Collection Date: 1/14/2006 11:50:00 AM

Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260	_	SW826	30B		A - 1 - 1 - 2 - 3 - 3
1,1,1,2-Tetrachloroethane	U	1.0	µg/L	1	Analyst: LDS 1/14/2006 1:04:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
1,1,2-Trichloroethane	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
1,2-Dichloroethane	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
1,2-Dichloropropane	Ü	1.0	µg/L	1	
2-Butanone	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
2-Hexanone	Ū	1.0	μg/L	1	1/14/2006 1:04:00 PM
4-Methyl-2-pentanone	Ū	1.0	μg/L	1	1/14/2006 1:04:00 PM
Acetone	Ū	1.0	μg/L	1	1/14/2006 1:04:00 PM
Acrylonitrile	U	1.0	μg/L μg/L		1/14/2006 1:04:00 PM
Benzene	Ü	1.0	μg/L μg/L	1	1/14/2006 1:04:00 PM
Bromochloromethane	U	1.0		1	1/14/2006 1:04:00 PM
Bromodichloromethane	Ú	1.0	μg/L μg/L	1	1/14/2006 1:04:00 PM
Bromoform	υ	1.0		1	1/14/2006 1:04:00 PM
Bromomethane	Ü	1.0	μg/L	1	1/14/2006 1:04:00 PM
Carbon disulfide	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
Carbon tetrachloride	Ü	1.0	μg/L	1	1/14/2006 1:04:00 PM
Chlorobenzene	Ü	1.0	μg/L	1	1/14/2006 1:04:00 PM
Chloroethane	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
Chloroform	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
Chloromethane	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
cis-1,2-Dichloroethene	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
sis-1,3-Dichloropropene	Ü		µg/L	1	1/14/2006 1:04:00 PM
Dibromochloromethane	U	1.0 1.0	µg/L	1	1/14/2006 1:04:00 PM
Ethylbenzene	U		µg/L 	1	1/14/2006 1:04:00 PM
n,p-Xylene		1.0	µg/L 	1	1/14/2006 1:04:00 PM
Methyl tert-butyl ether	U U	2.0	µg/L	1	1/14/2006 1:04:00 PM
fethylene chloride		1.0	μg/L "	1	1/14/2006 1:04:00 PM
-Xylene	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
tyrene	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
etrachloroethene	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
Oluene	18	1.0	μg/L	1	1/14/2006 1:04:00 PM
ans-1,2-Dichloroethene	U	1.0	μg/L	1	1/14/2006 1:04:00 PM
ans-1,2-Dichloropropene	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
richloroethene	U	1.0	µg/L	1	1/14/2006 1:04:00 PM
inyl chloride	72	1.0	µg/L	1	1/14/2006 1:04:00 PM
myr chloride	'n	1.0	μg/L	1	1/14/2006 1:04:00 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value above quantitation range E
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Indicates the compound was analyzed for but not detecte Page 1 of χ



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0605044

American Analytical Laboratories, LLC. received 1 sample(s) on 5/4/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lab Director

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605044

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605044-01A

EW14D/55/44.7

9587

5/4/2006 9:55:00 AM

5/4/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC 09587

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

	EH.	NIV	CHAIN OF CUSTODY	STO	DY / REQUE	ST FOR	/ REQUEST FOR ANALYSIS DOCUMENT	S DOCL	MENT	e e e e e e e e e e e e e e e e e e e
CLIENT NAME/ADDRESS	ESS			CONTACT	Ľ	SAMPLER (SIGNATURE)	M. HUM		SAMPLE(S) SEALED	YES / NO
<u>う</u> デ						SAMPLER N	1		CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:	<u>.</u>					OF TANK				FOR
LABORATORY ID#	MATRIX	MATRIX # CON-	SAMPLING DATE/ TIME	9.	SAMPLE # - LOCATION					METHANOL, PRESERVED SAMPLES (VOLATILE VIAL#)
0605044-1A GW	600	Q	3-4-06/958		F.44.7	9				
			2							
				-						
						****		COOLER	COOLER TEMPERATURE:	
MATRIX S=SOIL; L=	LIQUID; SL=	SLUDGE; A	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS;	P=PAINT C	CHIPS; B=BULK MATERIAL	TURNAROUND REQUIRED:	IUIRED:	COMMEN	COMMENTS / INSTRUCTIONS	
TYPE G=GRAB;	C=COMPO	SITE, SS≕	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON			NORMAL 🗅 ST	STATES BY /			
RELINQUISHED BY (SIGNATURE)	SIGNATUR		DATE	PRINTED NAME) NAME	RECEIVED BY LAB (SIGNATURE)	IB (SIGNATURE)	DATE S/W	PRINTED NAME	
	A.	-	TIME	Ca the	The Flax	rmas	<u> </u>	TIME / // 9.0 /	TIME / " PX 43	15
RELINQUISHED BY (SIGNATURE)	SIGNATUR		DATE	PRINTED NAME) NAME	RECEIVED BY LAB (SIGNATURE)	AB (SIGNATURE)	DATE	PRINTED NAME	-
		<u> </u>	TIME					TIME		

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
υ	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TiC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

CLIENT: Scientific Applications International Corp.

Dolontario i approusions miorismi

Lab Order:

0605044

Project: Claremont

Lab ID:

0605044-01A

Date: 09-May-06

Client Sample ID: EW14D/55/44.7

Tag Number: 9587

Collection Date: 5/4/2006 9:55:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW50	30A	Analyst: LDS
1,1,1,2-Tetrachioroethane	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
1.1.1-Trichloroethane	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
1,1,2,2-Tetrachloroethane	Ŭ	1.0	μg/L	1	5/4/2006 11:52:00 AM
1,1,2-Trichloroethane	υ	1.0	μg/L	1	5/4/2006 11:52:00 AM
1.1-Dichloroethane	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
1.1-Dichloroethene	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
1,2-Dichloropropane	υ	1.0	μg/L	1	5/4/2006 11:52:00 AM
2-Butanone	υ	1.0	μg/L	1	5/4/2006 11:52:00 AM
2-Hexanone	U	1.0	µg/L	1	5/4/2006 11:52:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Acetone	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Acrylonitrile	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Benzene	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Bromochloromethane	Ū	1.0	μg/L	1	5/4/2006 11:52:00 AM
Bromodichloromethane	Ū	1,0	μg/L	1	5/4/2006 11:52:00 AM
Bromoform	Ū	1.0	μg/L	1	5/4/2006 11:52:00 AM
Bromomethane	Ū	1.0	μg/L	1	5/4/2006 11:52:00 AM
Carbon disulfide	U	1.0	µg/L	1	5/4/2006 11:52:00 AM
Carbon distince Carbon tetrachloride	Ü	1.0	μg/L	1	5/4/2006 11:52:00 AM
Chlorobenzene	Ü	1.0	μg/L	1	5/4/2006 11:52:00 AM
Chloroethane	Ü	1.0	μg/L	1	5/4/2006 11:52:00 AM
Chloroform	Ü	1.0	μg/L	1	5/4/2006 11:52:00 AM
Chloromethane	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
	Ü	1.0	μg/L	1	5/4/2006 11:52:00 AM
cis-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/4/2006 11:52:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Dibromochloromethane	Ü	1.0	μg/L	1	5/4/2006 11:52:00 AM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Ethylbenzene	U	2.0	μg/L	1	5/4/2006 11:52:00 AM
m,p-Xylene	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Methyl tert-butyl ether	22	1.0 B	μg/L	1	5/4/2006 11:52:00 AM
Methylene chloride	22 U	1.0	μg/L	1	5/4/2006 11:52:00 AM
o-Xylene	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Styrene	_			1	5/4/2006 11:52:00 AM
Tetrachloroethene	U	1.0	µg/L	1	5/4/2006 11:52:00 AM
Toluene	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
trans-1,2-Dichloroethene	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
trans-1,3-Dichloropropene	U	1.0	µg/L	i	31412000 1 L.32.00 MW

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605044

Project: Claremont

Lab ID: 0605044-01A

Date: 09-May-06

Client Sample ID: EW14D/55/44.7

Tag Number: 9587

Collection Date: 5/4/2006 9:55:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030	4	Analyst: LDS
Trichloroethene	U	1.0	μg/L	1	5/4/2006 11:52:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/4/2006 11:52:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605048

American Analytical Laboratories, LLC. received 1 sample(s) on 5/4/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lab Director

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
н	Indicates sample was received and/or analyzed outside of The method allowable holding time

Scientific Applications International Corp.

Client Sample ID: EW14D/75/24.7

Lab Order:

0605048

Tag Number: 9588

Project:

CLIENT:

Claremont

Collection Date: 5/4/2006 11:35:00 AM

Lab ID:

0605048-01A

Matrix: LIQUID

Date: 09-May-06

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW50:	30A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
1,1,2-Trichloroethane	υ	1.0	μg/L	1	5/4/2006 12:30:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
1,1-Dichloroethene	υ	1.0	µg/∟	1	5/4/2006 12:30:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
2-Butanone	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
2-Hexanone	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
4-Methyl-2-pentanone	υ	1.0	μg/L	1	5/4/2006 12:30:00 PM
Acetone	U	1.0	µg/L	1	5/4/2006 12:30:00 PM
Acrylonitrile	U	1.0	µg/L	1	5/4/2006 12:30:00 PM
Benzene	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Bromochloromethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Bromoform	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Bromomethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Carbon disulfide	U	1.0	µg/L	1	5/4/2006 12:30:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Chloroethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Chloroform	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Chloromethane	U	1.0	µg/L	1	5/4/2006 12:30:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Dibromochloromethane	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Dichlorodifluoromethane	Ü	1.0	μg/L	1	5/4/2006 12:30:00 PM
Ethylbenzene	Ü	1.0	μg/L	1	5/4/2006 12:30:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/4/2006 12:30:00 PM
Methyl tert-butyl ether	Ū	1.0	μg/L	1	5/4/2006 12:30:00 PM
Methylene chloride	25	1.0 B	μg/L	1	5/4/2006 12:30:00 PM
o-Xylene	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Styrene	Ü	1.0	μg/L	1	5/4/2006 12:30:00 PM
Tetrachloroethene	Ü	1.0	μg/L	1	5/4/2006 12:30:00 PM
Toluene	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/4/2006 12:30:00 PM
trans-1,3-Dichloropropene	U	1.0	µg/L	1	5/4/2006 12:30:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/75/24.7

Lab Order:

0605048

Tag Number: 9588

Project:

Claremont

Collection Date: 5/4/2006 11:35:00 AM

Lab ID:

0605048-01A

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	ÐF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030	Α	Analyst: LDS
Trichloroethene	U	1.0	μg/L	1	5/4/2006 12:30:00 PM
Vinyl chloride	U	1.0	µg/L	1	5/4/2006 12:30:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605052

American Analytical Laboratories, LLC. received 1 sample(s) on 5/4/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely.

Lab Director

Date: 09-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605052

Work Order Sample Summary

Lab Sample ID Client Sample ID Tag Number Date Collected Date Received

0605052-01A EW14D/95/4.7 9589 5/4/2006 1:50:00 PM 5/4/2006

AMERICAN ANALYTICAL ELABORATORIES

(D) (D) (D) (D) (D)

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

CUAIN OF CHETONY / DECLIEST FOR ANALYSIS DOCHMENT TAG # / COC_ 56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

	SEALED YES / NO	CORRECT YES / NO	FOR	SAMPLES SAMPLES [VOLATILE VIAL #]						COOLER TEMPERATURE:	COMMENTS / INSTRUCTIONS	DATES/ 11 GRANTIED MANNE TINE (1)	DATE PRINTED NAME
טוס ושעוע עס ו	SAMPLER (SIGNATURE)	SAMPLER NAME (PRINT)	CHINORAL TO THE SECTION OF THE SECTI		2						TURNAROUND REQUIRED: NORMAL STAT	D BY LAB (SIGNATURE)	RECEIVED BY LAB (SIGNATURE) DA
SIODI / REGUESI	CONTACT:			ING SAMPLE # - LOCATION	1350 EWIYD /95/4.7						>=PAINT CHIPS; B=BULK MATERIAL	Cath Hus	PRINTED NAME
CHAIN OF COULOD				MATRIX # CON- DATE/ TAINERS TIME	90-4-5 0						S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; I G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	URE) DATE ST4-6 F TIME	DATE
5	CLIENT NAME/ADDRESS	5A1C	PROJECT LOCATION:	LABORATORY MATRI)	104052 CW	1					MATRIX S=SOIL; L=LIQUID; S TYPE G=GRAB; C=COMF	RELINQUISHED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 09-May-06

CLIENT: Scientific Applications International Corp. Client Sample ID: EW14D/95/4.7

0605052 Tag Number: 9589 Lab Order: **Collection Date:** 5/4/2006 1:50:00 PM

Project: Claremont Matrix: LIQUID Lab ID: 0605052-01A

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
OLATILE SW-846 METHOD 8260		SW8260I	3		Analyst: RN
1,1,1,2-Tetrachloroethane	ប	1.0	µg/L	1	5/4/2006 2:58:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
2-Butanone	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
2-Hexanone	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Acetone	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Benzene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Bromochloromethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Bromoform	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Bromomethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Carbon disulfide	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Chloroethane	U	1.0	µg/L	1	5/4/2006 2:58:00 PM
Chloroform	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Chloromethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Dibromochloromethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Ethylbenzene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/4/2006 2:58:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Methylene chloride	13	1.0 B	μg/L	1	5/4/2006 2:58:00 PM
o-Xylene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Styrene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Tetrachloroethene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Toluene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/4/2006 2:58:00 PM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/4/2006 2:58:00 PM

Qualifiers:

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/95/4.7

Lab Order:

0605052

Tag Number: 9589

Project:

Claremont

Lab ID:

0605052-01A

Collection Date: 5/4/2006 1:50:00 PM

Matrix: LIQUID

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260	3		Analyst: RN
Trichloroethene	U	1.0	μg/L	1	5/4/2006 2:58:00 PM
Vinyl chloride	U	1.0	μg/L	1	5/4/2006 2:58:00 PM

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605056

American Analytical Laboratories, LLC. received 2 sample(s) on 5/5/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 09-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont Lab Order: 0605056

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0605056-01A	EW14D/105/-5.3	09591	5/4/2006	5/5/2006
0605056-02A	EW14D/135/35.3	09591	5/5/2006	5/5/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

		5	-	מין וועס	- }						
CLIENT NAME/ADDRESS			CONTACT	CT		SAMPLER (SIGNATURE)	JRE)		SAME	SAMPLE(S)	VES / NO
S#10	()				<u> </u>	SAMPLER NAME (PRINT)	Huso RINT)		S S	ECT .	
									CON	CONTAINER(S)	YES / NO
PROJECT LOCATION:					•	SISAINO					G
LABORATORY MA	MATRIX TAINERS		SAMPLING DATE/ TIME	SAMPLE # - LOCATION		Sold Sold Sold Sold Sold Sold Sold Sold				METHA	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
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1005056-0246W			1852	EWI48 / 1351-35	.3	Į.					
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×	D; SL=SLUD	GE; A-AIR; W=	:WIPE; P=PAINT	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNAR	TURNAROUND REQUIRED:		COMMEN	COMMENTS / INSTRUCTIONS	RUCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	OMPOSITE,	, SS=SPLIT S	POON		NORMAL []	STAZE D	BY /				
RELINQUISHED BY (SIGNATURE) $ \int \mathcal{I} \int$	ATURE)	DATE S'S'OR		PRINTED NAME	RECEIVED BY	\leq	B (SIGNATURE)	DATE	PRINTED NAME	NAME	
(Mars		10°		1725		Y	+	00 	h	, Grade	2
RELINQUISHED BY (SIGNATURE)	ATURE)	DATE	PRINTE	PRINTED NAME	RECEIV	RECEIVED BY LAB (SIGNATURE)		DATE	PRINTED NAME	NAME	
		TIME						TIME			

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/105/-5.3

Lab Order:

0605056

00501

Project:

Claremont

Tag Number: 09591 **Collection Date:** 5/4/2006

Lab ID:

0605056-01A

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW50	30A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
1,1,2,2-Tetrachioroethane	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
1,1-Dichloroethane	υ	1.0	μg/L	1	5/5/2006 9:56:00 AM
1,1-Dichloroethene	υ	1.0	μg/L	1	5/5/2006 9:56:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
1,2-Dichloropropane	U	1.0	μ g /L	1	5/5/2006 9:56:00 AM
2-Butanone	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
2-Hexanone	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Acetone	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Acrylonitrile	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Benzene	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Bromochioromethane	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Bromodichloromethane	υ	1.0	μg/L	1	5/5/2006 9:56:00 AM
Bromoform	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Bromomethane	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Carbon disulfide	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Chlorobenzene	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Chloroethane	Ü	1.0	μg/L	1	5/5/2006 9:56:00 AM
Chloroform	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Chloromethane	Ū	1.0	μg/L	1	5/5/2006 9:56:00 AM
cis-1,2-Dichloroethene	Ū	1.0	μg/L	1	5/5/2006 9:56:00 AM
cis-1,3-Dichloropropene	Ū	1.0	μg/L	1	5/5/2006 9:56:00 AM
Dibromochloromethane	Ū	1.0	μg/L	1	5/5/2006 9:56:00 AM
Dichlorodifluoromethane	Ū	1.0	μg/L	1	5/5/2006 9:56:00 AM
Ethylbenzene	Ū	1.0	μg/L	1	5/5/2006 9:56:00 AM
m,p-Xylene	Ü	2.0	μg/L	1	5/5/2006 9:56:00 AM
Methyl tert-butyl ether	Ū	1.0	μg/L	1	5/5/2006 9:56:00 AM
Methylene chloride	16	1.0 B	μg/L	1	5/5/2006 9:56:00 AM
o-Xylene	. U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Styrene	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Tetrachloroethene	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Toluene	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/5/2006 9:56:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/5/2006 9:56:00 AM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Lab Order:

0605056

Project:

Claremont

Lab ID:

0605056-01A

Client Sample ID: EW14D/105/-5.3

Tag Number: 09591

Collection Date: 5/4/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
Trichloroethene	U	1.0	μg/L	1	5/5/2006 9:56:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/5/2006 9:56:00 AM

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded H
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits J
- S Spike Recovery outside accepted recovery limits
- Х Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT: Scientific Applications International Corp.

0605056 Lab Order: Claremont

0605056-02A Lab ID:

Project:

Client Sample ID: EW14D/135/35.3

Tag Number: 09591 Collection Date: 5/5/2006

Matrix: LIQUID

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260	B SW50	30A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
1,1,1-Trichloroethane	4.0	1.0	μg/L	1	5/5/2006 10:34:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
1,1-Dichloroethene	2.2	1.0	μg/L	1	5/5/2006 10:34:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
2-Butanone	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
2-Hexanone	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Acetone	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Acrylonitrile	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Benzene	Ü	1.0	μg/L	1	5/5/2006 10:34:00 AM
Bromochloromethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Bromodichloromethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Bromoform	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Bromomethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Carbon disulfide	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Chlorobenzene	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Chloroethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Chloroform	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Chloromethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
cis-1,2-Dichloroethene	Ū	1.0	μg/L	1	5/5/2006 10:34:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Dibromochloromethane	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Dichlorodifluoromethane	Ū	1.0	μg/L	1	5/5/2006 10:34:00 AM
Ethylbenzene	Ü	1.0	μg/L	1	5/5/2006 10:34:00 AM
m,p-Xylene	Ū	2.0	μg/L	1	5/5/2006 10:34:00 AM
Methyl tert-butyl ether	Ü	1.0	μg/L	1	5/5/2006 10:34:00 AM
Methylene chloride	16	1.0 B		1	5/5/2006 10:34:00 AM
o-Xylene	U	1.0	μg/L	1	5/5/2006 10:34:00 AM
Styrene	Ü	1.0	μg/L	1	5/5/2006 10:34:00 AM
Tetrachloroethene	Ü	1.0	μg/L	1	5/5/2006 10:34:00 AM
Toluene	Ü	1.0	μg/L	1	5/5/2006 10:34:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/5/2006 10:34:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/5/2006 10:34:00 AM

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
 - Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605056 Project: Claremont

Lab ID: 0605056-02A

Date: 09-May-06

Client Sample ID: EW14D/135/35.3

Tag Number: 09591 **Collection Date:** 5/5/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
Trichloroethene	17	1.0	μg/L	1	5/5/2006 10:34:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/5/2006 10:34:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605060

American Analytical Laboratories, LLC. received 2 sample(s) on 5/5/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605060

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605060-01A

EW14D/155/-55.3

09592

5/5/2006

5/5/2006

0605060-02A

Potable Water

09592 5/5/2006

5/5/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC 09592

11418 PH-0205 NY050 ' 68-573 NYSDOH CTDOH NJDEP PADEP

HS CH	AIN	CHAIN OF CUSTODY	STOD	Y / REQUEST FOR ANALYSIS DOCUMENT	ST FO	R AN	ALYS	S DOC	UME	LN	
CLIENT NAME/ADDRESS	\ \		CONTACT:		SAMPLE	SAMPLER (SIGNATURE)	Las		SS	SAMPLE(S) SEALED	YES / NO
しま。 -	J				SAMPLE	SAMPLER NAME (PRINT)	1		00	CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:					SIS Y PAND	27					FOR
LABORATORY MATRIJ	MATRIX # CON-	SAMPLING DATE/ TIME	වු	SAMPLE # - LOCATION						ME	ME I HANCIL PRESERVED SAMPLES [VOLATILE VIAL #]
1 60505060-01A6W	B	5-5-06/1035 EWI4D/155	035 EW	140/155/-55.3	×						
1005060-02A6W	B	5.5.06/10	11015 Pc	Potable Water	Q						
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1 Analy20	14							6			
2000	-							COOL	COOLEK LEMPEKALUKE	KAI UKE:	
¥	L=SLUDGE; A-	-AIR; W=WIPE; P	=PAINT CHIP	'S; B=BULK MATERIAL	TURNAROUND REQUIRED	REGUIRED:		COMM	IENTS / INC	COMMENTS / INSTRUCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	OSITE, SS=S	SPLIT SPOON			NORMAL 🔲	STATE	ВУ /	_			
RELINQUISHED BY (SIGNATURE)			PRINTED NAME	AME	RECEIVED BY LAB (SIGNATURE)	LAB (SIGNA	ATURE)	DATE DATE		PRINTED NAME	
C. Huss		2 2 2	エ	4. S	1	X		11ME 0 0.51 AV	H.	J. GREA	√
RELINQUISHED BY (SIGNATURE)		DATE	PRINTED NAME	AME	RECEIVED BY LAB (SIGNATURE)	AAB (SIGN	xfure)	DATE		PRINTED NAME	_
	•	TIME						TIME			

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value	If the result is greater than or equal to the detection limit, report the value
υ	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J . :	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 09-May-06

CLIENT: Lab Order: Scientific Applications International Corp.

0605060

Project:

Claremont

Lab ID:

0605060-01A

Client Sample ID: EW14D/155/-55.3

Tag Number: 09592

Collection Date: 5/5/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW50:	30A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
1,1,1-Trichloroethane	3.2	1.0	μg/L	1	5/5/2006 11:18:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
1,1-Dichloroethene	1.8	1.0	μg/L	1	5/5/2006 11:18:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
2-Butanone	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
2-Hexanone	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Acetone	U	1.0	µg/L	1	5/5/2006 11:18:00 AM
Acrylonitrile	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Benzene	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Bromochloromethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Bromodichloromethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Bromoform	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Bromomethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Carbon disulfide	υ	1.0	μg/L	1	5/5/2006 11:18:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Chlorobenzene	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Chloroethane	U	1.0	µg/L	1	5/5/2006 11:18:00 AM
Chloroform	υ	1.0	μg/L	1	5/5/2006 11:18:00 AM
Chloromethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
cis-1,2-Dichloroethene	1.1	1.0	μg/L	1	5/5/2006 11:18:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Dibromochloromethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Ethylbenzene	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
m,p-Xylene	U	2.0	μg/L	1	5/5/2006 11:18:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
Methylene chloride	19	1.0 B	μg/L	1	5/5/2006 11:18:00 AM
o-Xylene	Ü	1.0	μg/L	1	5/5/2006 11:18:00 AM
Styrene	υ	1.0	μg/L	1	5/5/2006 11:18:00 AM
Tetrachloroethene	2.4	1.0	μg/L	1	5/5/2006 11:18:00 AM
Toluene	U	1.0	μg/L	1	5/5/2006 11:18:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/5/2006 11:18:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/5/2006 11:18:00 AM

Qualifiers:

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605060

Project: Claremont

Lab ID: 0605060-01A

Date: 09-May-06

Client Sample ID: EW14D/155/-55.3

Tag Number: 09592 **Collection Date:** 5/5/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW503	0A	Analyst: LDS
Trichloroethene	24	1.0	μg/L	1	5/5/2006 11:18:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/5/2006 11:18:00 AM

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Lab Order:

0605060

Project:

Claremont

Lab ID:

0605060-02A

Client Sample ID: Potable Water

Tag Number: 09592

Collection Date: 5/5/2006

Matrix: LIQUID

Analyses	Result	Limit (Qual U	nits	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW82	60B	SW50	30A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg	/L	1	5/5/2006 11:55:00 AM
1,1,1-Trichloroethane	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg	_I /L	1	5/5/2006 11:55:00 AM
1,1,2-Trichloroethane	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
1,1-Dichloroethane	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
1,1-Dichloroethene	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
1,2-Dibromoethane	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
1,2-Dichloroethane	U	1.0	μд	/L	1	5/5/2006 11:55:00 AM
1,2-Dichloropropane	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
2-Butanone	U	1.0	þg	ı/L	1	5/5/2006 11:55:00 AM
2-Hexanone	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
4-Methyl-2-pentanone	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
Acetone	U	1.0	μg	J/L	1	5/5/2006 11:55:00 AM
Acrylonitrile	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
Benzene	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
Bromochloromethane	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
Bromodichloromethane	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
Bromoform	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
Bromomethane	U	1.0	μд		1	5/5/2006 11:55:00 AM
Carbon disulfide	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
Carbon tetrachloride	U	1.0	μg	ı/L	1	5/5/2006 11:55:00 AM
Chlorobenzene	U	1.0	μg	/L	1	5/5/2006 11:55:00 AM
Chloroethane	U	1.0	μg		1	5/5/2006 11:55:00 AM
Chloroform	U	1.0	μg		1	5/5/2006 11:55:00 AM
Chloromethane	U	1.0	μg		1	5/5/2006 11:55:00 AM
cis-1,2-Dichloroethene	U	1.0	μg		1	5/5/2006 11:55:00 AM
cis-1,3-Dichloropropene	υ	1.0	μg		1	5/5/2006 11:55:00 AM
Dibromochloromethane	U	1.0	μg		1	5/5/2006 11:55:00 AM
Dichlorodifluoromethane	U	1,0	μg		1	5/5/2006 11:55:00 AM
Ethylbenzene	Ü	1.0	μg		1	5/5/2006 11:55:00 AM
m,p-Xylene	Ü	2.0	μg		1	5/5/2006 11:55:00 AM
Methyl tert-butyl ether	U	1.0	μg		1	5/5/2006 11:55:00 AM
Methylene chloride	15	1.0	В ид		1	5/5/2006 11:55:00 AM
o-Xylene	U	1.0	μg		1	5/5/2006 11:55:00 AM
Styrene	U	1.0	μg		1	5/5/2006 11:55:00 AM
Tetrachloroethene	Ū	1.0	μg		1	5/5/2006 11:55:00 AM
Toluene	Ü	1.0	μg		1	5/5/2006 11:55:00 AM
trans-1,2-Dichloroethene	U	1.0	μg		1	5/5/2006 11:55:00 AM
trans-1,3-Dichloropropene	U	1.0	μg		1	5/5/2006 11:55:00 AM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: Potable Water

Lab Order:

0605060

Project:

Tag Number: 09592

Lab ID:

Claremont 0605060-02A Collection Date: 5/5/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
Trichloroethene	U	1.0	μg/L	1	5/5/2006 11:55:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/5/2006 11:55:00 AM

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded H
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605061

American Analytical Laboratories, LLC. received 1 sample(s) on 5/5/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 09-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605061

Work Order Sample Summary

Lab Sample ID Client Sample ID Tag Number Date Collected Date Received

0605061-01A EW14D/175/-75.3 09593 5/5/2006 5/5/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC___09593

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

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CLIENT NAME/ADDRESS		CONTACT:	Territoria dell'Allando dell'Al	SAMPLER (SIGNATURE)			YES / NO
SA10				SAMPLER NAME (PRINT)		CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:				CHAIN ON THE PROPERTY OF THE P			FO.
LABORATORY MATRIX ID #	MATRIX # CON- SAMPLING TAINERS DATE/		SAMPLE # - LOCATION			METHAN S. S. (VOLA)	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0605061-014-64)	190-5-5 C	1337 EW	E-25-/251/041M3	X X			
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					COOLER TEMPERATURE:	PERATURE:	
×	SLUDGE; A-AIR; W=WIPE	E; P≃PAINT CHIPS;		TURNAROUND REQUIRED:	COMMENTS / INSTRUCTIONS	NSTRUCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	SITE, SS=SPLIT SPOC			NORMAL G STATED BY /			
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AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value If the result is greater than or equal to the detection limit, report the value U Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required. J Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others. В Indicates the analyte was found in the blank as well as the sample report "10B". E Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis. D This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P". Ν This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/175/-75.3

Lab Order:

0605061

Tag Number: 09593

Project:

Claremont

Collection Date: 5/5/2006

Lab ID:

0605061-01A

Matrix: LIQUID

U 23 U U	SW8260 1.0 1.0	μg/L	30A	Analyst: LDS 5/5/2006 2:20:00 PM
23 U			1	E/E/2008 2:20:00 DM
U	1.0			
_		μg/L	1	5/5/2006 2:20:00 PM
U	1.0	μ g/L	1	5/5/2006 2:20:00 PM
	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0	μg/L	1	5/5/2006 2:20:00 PM
14	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0	μg/L	1	5/5/2006 2:20:00 PM
1.6	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0	μg/L	1	5/5/2006 2:20:00 PM
ប	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0		1	5/5/2006 2:20:00 PM
U	1.0		1	5/5/2006 2:20:00 PM
U	1.0		1	5/5/2006 2:20:00 PM
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U	1.0		1	5/5/2006 2:20:00 PM
U	1.0		1	5/5/2006 2:20:00 PM
U	1.0		1	5/5/2006 2:20:00 PM
1.2	1.0		1	5/5/2006 2:20:00 PM
U	1.0		1	5/5/2006 2:20:00 PM
4.8	1.0		1	5/5/2006 2:20:00 PM
U	1.0	μg/L	1	5/5/2006 2:20:00 PM
U	1.0		1	5/5/2006 2:20:00 PM
U	1.0		1	5/5/2006 2:20:00 PM
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Qualifiers:

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/175/-75.3

Lab Order:

0605061

Tag Number: 09593

Project:

Claremont

Collection Date: 5/5/2006

Lab ID:

0605061-01A

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030	A	Analyst: LDS
Trichloroethene	260	1.0	μg/L	1	5/5/2006 2:20:00 PM
Vinyl chloride	U	1.0	μg/L	1	5/5/2006 2:20:00 PM

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Clarmont

Dear Richard Cronce:

Order No.: 0605066

American Analytical Laboratories, LLC. received 1 sample(s) on 5/5/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 09-May-06

CLIENT: Scientific Applications International Corp.

Project: Clarmont Lab Order: 0605066

Work Order Sample Summary

Lab Sample ID Client Sample ID Tag Number Date Collected Date Received

0605066-01A EW14D/195/-95.3 09594 5/5/2006 5/5/2006

CLIENT NAME/ADDRESS

PROJECT LOCATION:

LABORATORY ID#

PH-0205 NYSDOH

/ FOR METHANOL PRESERVED SAMPLES NY050 YES-NO YES/NO 68-573 [VOLATILE VIAL #] NJDEP PADEP CTDOH COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TAG # / COC 09594 TIME DATE (B (SIGNATURE) RECEIVED BY LAB!(SIGNATURE) SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) TURNAROUND REQUIRED: CHAIN PARK RECEIVED BY L 56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 NORMAL 🗆 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL EW140/1951 (631) 454-6100 • FAX (631) 454-8027 PRINTED NAME PRINTED NAME CONTACT 55-06/1605 SAMPLING DATE/ TIME Jarront G=GRAB; C=COMPOSITE, SS=SPLIT SPOON SAS OS TIME 166 TIME # CON-TAINERS **(7)** RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) MATRIX **10222-24**23

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

Sur

TYPE

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
Е	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Н

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Lab Order:

0605066

Project:

Lab ID:

Clarmont 0605066-01A Client Sample ID: EW14D/195/-95.3

Tag Number: 09594

Collection Date: 5/5/2006

Matrix: LIQUID

Analyses	Result	Limit Qua	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW503		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
1,1,1-Trichloroethane	76	1.0	µg/L	1	5/5/2006 4:44:00 PM
1,1,2,2-Tetrachloroethane	υ	1.0	μg/L	1	5/5/2006 4:44:00 PM
1,1,2-Trichloroethane	1.2	1.0	μg/L	1	5/5/2006 4:44:00 PM
1,1-Dichloroethane	1.1	1.0	μg/L	1	5/5/2006 4:44:00 PM
1,1-Dichloroethene	43	1.0	μg/L	1	5/5/2006 4:44:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
1,2-Dichloroethane	8.0	1.0	μg/L	1	5/5/2006 4:44:00 PM
1,2-Dichloropropane	U	1.0	µg/L	1	5/5/2006 4:44:00 PM
2-Butanone	U	1.0	µg/L	1	5/5/2006 4:44:00 PM
2-Hexanone	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Acetone	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Benzene	U	1.0	µg/L	1	5/5/2006 4:44:00 PM
Bromochloromethane	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Bromoform	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Bromomethane	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Carbon disulfide	U	1.0	μ g/L	1	5/5/2006 4:44:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Chloroethane	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Chloroform	2.8	1.0	μg/L	1	5/5/2006 4:44:00 PM
Chloromethane	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
cis-1,2-Dichloroethene	4.1	1.0	µg/L	1	5/5/2006 4:44:00 PM
cis-1,3-Dichloropropene	U	1.0	μ g/ L	1	5/5/2006 4:44:00 PM
Dibromochloromethane	U	1.0	μ g /L	1	5/5/2006 4:44:00 PM
Dichlorodifluoromethane	Ü	1.0	μg/L	1	5/5/2006 4:44:00 PM
Ethylbenzene	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
m,p-Xylene	u	2.0	μ g /L	1	5/5/2006 4:44:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Methylene chloride	7.9	1.0 B	μg/L	1	5/5/2006 4:44:00 PM
o-Xylene	υ	1.0	μg/L	1	5/5/2006 4:44:00 PM
Styrene	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
Tetrachloroethene	6.8	1.0	μg/L	1	5/5/2006 4:44:00 PM
Toluene	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
trans-1,2-Dichloroethene	U	1.0	μg/L	1	5/5/2006 4:44:00 PM
trans-1,3-Dichloropropene	Ū	1.0	μg/L	1	5/5/2006 4:44:00 PM

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits J
- S Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level Х

CLIENT: Scientific Applications International Corp.

0605066 Lab Order: Clarmont Project:

0605066-01A Lab ID:

Date: 09-May-06

Client Sample ID: EW14D/195/-95.3

Tag Number: 09594 Collection Date: 5/5/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: SB
Trichloroethene	460	1.0	μg/L	1	5/5/2006 4:44:00 PM
Vinyl chloride	U	1.0	µg/L	1	5/5/2006 4:44:00 PM

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range E
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605067

American Analytical Laboratories, LLC. received 1 sample(s) on 5/6/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX: (631) 454-8027

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605067

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605067-01A

EW14d/215/-115.3

9595

5/6/2006 9:23:00 AM

5/6/2006

AMERICAN ANAIVTICAL ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

PH-0205 NY050 68-573 11418 NYSDOH CTDOH NJDEP PADEP

/ FOR METHANOL PRESERVED SAMPLES YES / NO YES / NO (VOLATILE VIAL #) Stephanie Stephanie Brathwaite. COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TIME 9:33. DATE TIME RECEIVED BY LAB (SIGNATURE) RECEIVED BY LABTSIGNATURE C. Mus SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) STATE TURNAROUND REQUIRED: SISA TANA -Q NORMAL 🗋 E MAD/ 215/-115-3 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL PRINTED NAME PRINTED NAME Citass CONTACT 5-6-06/923 SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE 0.0 % Claremont MATRIX TAINERS RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) SAIC 06 7 M 6W CLIENT NAME/ADDRESS PROJECT LOCATION LABORATORY ID # TYPE

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Н

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

0605067 Lab Order:

Project: Lab ID:

Claremont

0605067-01A

Client Sample ID: EW14d/215/-115.3

Tag Number: 9595

Collection Date: 5/6/2006 9:23:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qu	ial Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260	_		Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
1,1,1-Trichloroethane	32	1.0	μg/L	1	5/6/2006 10:01:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
1,1-Dichloroethene	19	1.0	μg/L	1	5/6/2006 10:01:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
1,2-Dichloroethane	4.6	1.0	μg/L	1	5/6/2006 10:01:00 AM
1,2-Dichloropropane	υ	1.0	μg/L	1	5/6/2006 10:01:00 AM
2-Butanone	υ	1.0	μg/L	1	5/6/2006 10:01:00 AM
2-Hexanone	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Acetone	U	1.0	µg/L	1	5/6/2006 10:01:00 AM
Acrylonitrile	υ	1.0	μ g/ L	1	5/6/2006 10:01:00 AM
Benzene	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Bromochloromethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Bromodichloromethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Bromoform	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Bromomethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Carbon disulfide	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Chlorobenzene	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Chloroethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Chloroform	2.3	1.0	μg/L	1	5/6/2006 10:01:00 AM
Chloromethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Dibromochloromethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Ethylbenzene	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
m,p-Xylene	Ū	2.0	μg/L	1	5/6/2006 10:01:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
Methylene chloride	Ü	1.0	μg/L	1	5/6/2006 10:01:00 AM
o-Xylene	Ū	1.0	μg/L	1	5/6/2006 10:01:00 AM
Styrene	Ü	1.0	μg/L	1	5/6/2006 10:01:00 AM
Tetrachioroethene	1.0	1.0	μg/L	1	5/6/2006 10:01:00 AM
Toluene	U	1.0	μg/L	1	5/6/2006 10:01:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/6/2006 10:01:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/6/2006 10:01:00 AM

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Е Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level

Scientific Applications International Corp.

Lab Order: 0605067

CLIENT:

Project: Claremont

Lab ID: 0605067-01A

Date: 09-May-06

Client Sample ID: EW14d/215/-115.3

Tag Number: 9595

Collection Date: 5/6/2006 9:23:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030)A	Analyst: SB
Trichloroethene	220	1.0	μg/L	1	5/6/2006 10:01:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/6/2006 10:01:00 AM

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605068

American Analytical Laboratories, LLC. received 1 sample(s) on 5/6/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605068

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605068-01A

EW14D/265/-165.3

9596

5/6/2006 2:52:00 PM

5/6/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / coc___09596

11418 PH-0205 NY050 -68-573

NYSDOH CTDOH NJDEP PADEP

	CHAIN OF CUSTODY	OF CU	STO		ST	/ REQUEST FOR ANALYSIS DOCUMENT	IS DOCU	MENT	er er er er er er er er er er er er er e
CLIENT NAME/ADDRESS	SS		CONTACT		Ŝ	SAMPLER (SIGNATURE)		SAMPLE(S)	VFS / NO
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PROJECT LOCATION:	ATION:					THE SECTION OF THE SE			
೭୮	Low	SWI IDMAN			-2				/ FOR METHANOL PRESERVED
LABORATORY ID#	MATRIX # CON- TAINERS		5	SAMPLE # - LOCATION		1/////			SAMPLES [VOLATILE VIAL#]
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							COOLER	COOLER TEMPERATURE:	
×	ùUD; SL=SLUDGE; /	A-AIR; W≂WIPE;	P=PAINT C	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNARO	TURNAROUND REQUIRED:	COMMEN	COMMENTS / INSTRUCTIONS	S
TYPE G=GRAB; C=	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	-SPLIT SPOON	7		NORMAL 🗆) STACK BY /			
RELINQUISHED BY (SIGNATURE)		DATE A	PRINTEL		RECEIVE	RECEIVED BY LAB (SIGNATURE)	DATE 5/6	PRINTED NAME	
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RELINQUISHED BY (SIGNATURE)		DATE	PRINTED NAME		RECEIVE	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME	
		TIME					TIME		

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
.	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
Н	Indicates sample was received and/or analyzed outside of The method allowable holding time

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/265/-165.3

Lab Order:

0605068

Tag Number: 9596

Project:

Claremont

Collection Date: 5/6/2006 2:52:00 PM

Lab ID:

0605068-01A

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8	260B	SW50	30A	Analyst: SB
1,1,1,2-Tetrachloroethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
1,1,1-Trichloroethane	υ	1.0		μg/L	1	5/6/2006 3:23:00 PM
1,1,2,2-Tetrachloroethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
1,1,2-Trichloroethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
1,1-Dichloroethane	U	1.0		µg/L	1	5/6/2006 3:23:00 PM
1,1-Dichloroethene	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
1,2-Dibromoethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
1,2-Dichloroethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
1,2-Dichloropropane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
2-Butanone	υ	1.0		µg/L	1	5/6/2006 3:23:00 PM
2-Hexanone	Ü	1.0		µg/L	1	5/6/2006 3:23:00 PM
4-Methyl-2-pentanone	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Acetone	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Acrylonitrile	U	1.0		µg/L	1	5/6/2006 3:23:00 PM
Benzene	Ų	1.0		μg/L	1	5/6/2006 3:23:00 PM
Bromochloromethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Bromodichloromethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Bromoform	υ	1.0		μg/L	1	5/6/2006 3:23:00 PM
Bromomethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Carbon disulfide	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Carbon tetrachloride	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Chlorobenzene	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Chloroethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Chloroform	0.65	1.0	J	μg/L	1	5/6/2006 3:23:00 PM
Chloromethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	5/6/2006 3:23:00 PM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Dibromochloromethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Dichlorodifluoromethane	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Ethylbenzene	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
m,p-Xylene	U	2.0		µg/L	1	5/6/2006 3:23:00 PM
Methyl tert-butyl ether	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Methylene chloride	12	1.0	В	μg/L	1	5/6/2006 3:23:00 PM
o-Xylene	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
Styrene	υ	1.0		μg/L	1	5/6/2006 3:23:00 PM
Tetrachloroethene	U	1.0		µg/L	1	5/6/2006 3:23:00 PM
Toluene	Ü	1.0		μg/L	1	5/6/2006 3:23:00 PM
trans-1,2-Dichloroethene	U	1.0		μg/L	1	5/6/2006 3:23:00 PM
trans-1,3-Dichloropropene	U	1.0		μg/L	1	5/6/2006 3:23:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/265/-165.3

Lab Order:

0605068

Tag Number: 9596

Project:

Claremont

Collection Date: 5/6/2006 2:52:00 PM

Lab ID:

0605068-01A

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: SB
Trichloroethene	0.33	1.0 J	μg/L	1	5/6/2006 3:23:00 PM
Vinyl chloride	υ	1.0	μg/L	1	5/6/2006 3:23:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Tuesday, May 09, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605082

American Analytical Laboratories, LLC. received 1 sample(s) on 5/9/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lab Director

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605082

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605082-01A

EW4D/175/-15.7

9597

5/9/2006 8:32:00 AM

5/9/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG#/ coc _ 이용통일기

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

CHAIN OF CHATONY / RECHEST FOR ANALYSIS DOCHMENT

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	CLIENT NAME/ADDRESS	ESS			CONTACT	i i	37	SAMPLER (SIGNATURE)				SAMPLE(S) SEALED	YES / NO	
	SAIC	<u>. 1</u>					<u> </u>	SAMPLER NAME (PRINT)				CORRECT CONTAINER(S)	YES / NO	7
	PROJECT LOCATION:		Claremon	te				OFFIC OFFI				1500	FOR METHANGI PRESERVED	
	LABORATORY ID#	MATRIX	MATRIX # CON- TAINERS	SAMPLING DATE/ TIME	ទ្ធ	SAMPLE#-LOCATION		\$\tag{\chi}{\chi}\tag{\chi}					SAMPLES [VOLATILE VIAL #]	Т
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	MATRIX S=SOIL; L=	-LIQUID; SL=	SLUDGE; A	4-AIR; W=WIPE;	P=PAINT	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNAR	TURNAROUND REQUIRED:		COMMI	ENTS / II	COMMENTS / INSTRUCTIONS		
	TYPE G=GRAB;	C=COMPO	SITE, SS=	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	_		NORMAL 🗖	STATES D	1/1	/ //41	90			
	RELINQUISHED BY (SIGNATURE)	(SIGNATUR		DATE	PRINTED NAM	D NAME	RECEIV	RECEIVED BY LAB (SIGNATUR)		DATED /	PRA-	PRINTED NAME /		-
	Store S			TIME &	C. Hus	455				TIME		1/1/0/2°	6,00	
	RELINQUISHED BY (SIGNATURE)	(SIGNATUR	Ē	DATE TIME	PRINTE	PRINTED NAME	RECEIV	RECEIVED BY LAB (\$JÉNATÚRE)	ЗЕ)	DATE	<u>*</u>	PRINTED NAME		

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D .	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
Н	Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 09-May-06

CLIENT:

Scientific Applications International Corp.

Lab Order:

0605082

Project: Clare

Lab ID:

Claremont

0605082-01A

Client Sample ID: EW4D/175/-15.7

Tag Number: 9597

Collection Date: 5/9/2006 8:32:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030	A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
1,1,1-Trichloroethane	61	1.0	μg/L	1	5/9/2006 10:16:00 AM
1,1,2,2-Tetrachloroethane	υ	1.0	μ g/L	1	5/9/2006 10:16:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
1,1-Dichloroethane	15	1.0	μg/L	1	5/9/2006 10:16:00 AM
1,1-Dichloroethene	40	1.0	μg/L	1	5/9/2006 10:16:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
1,2-Dichloroethane	IJ	1.0	μg/L	1	5/9/2006 10:16:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
2-Butanone	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
2-Hexanone	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Acetone	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Acrylonitrile	U	1.0	µg/L	1	5/9/2006 10:16:00 AM
Benzene	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Bromochloromethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Bromodichloromethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Bromoform	U	1.0	µg/L	1	5/9/2006 10:16:00 AM
Bromomethane	υ	1.0	μg/L	1	5/9/2006 10:16:00 AM
Carbon disulfide	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Carbon tetrachloride	U	1.0	µg/L	1	5/9/2006 10:16:00 AM
Chlorobenzene	υ	1.0	μg/L	1	5/9/2006 10:16:00 AM
Chloroethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Chloroform	υ	1.0	μg/L	1	5/9/2006 10:16:00 AM
Chloromethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
cis-1,2-Dichloroethene	16	1.0	µg/L	1	5/9/2006 10:16:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Dibromochloromethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Ethylbenzene	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
m,p-Xylene	U	2.0	μg/L	1	5/9/2006 10:16:00 AM
Methyl tert-butyl ether	1.5	1.0	µg/L	1	5/9/2006 10:16:00 AM
Methylene chloride	10	1.0 B	μg/L	1	5/9/2006 10:16:00 AM
o-Xylene	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Styrene	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
Tetrachloroethene	44	1.0	μg/L	1	5/9/2006 10:16:00 AM
Toluene	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
trans-1,2-Dichloroethene	U	1.0	μg/L	1	5/9/2006 10:16:00 AM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	5/9/2006 10:16:00 AM

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 09-May-06

CLIENT: Scientific Applications International Corp. Client Sample ID: EW4D/175/-15.7

Lab Order: 0605082 **Tag Number:** 9597

Project: Claremont Collection Date: 5/9/2006 8:32:00 AM

Lab ID: 0605082-01A Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030	4	Analyst: LDS
Trichloroethene	280	1.0	μg/L	1	5/9/2006 10:16:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/9/2006 10:16:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Wednesday, May 10, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605085

American Analytical Laboratories, LLC. received 1 sample(s) on 5/9/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lab Director

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
Е	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic

characterization of a TIC, such as chlorinated hydrocarbon,

Indicates sample was received and/or analyzed outside of

the flag is not used.

The method allowable holding time

Н

Date: 10-May-06

CLIENT:

Scientific Applications International Corp.

Lab Order:

0605085

Client Sample ID: EW4D/195/-35.7

Tag Number: 9598

Project:

Claremont

Collection Date: 5/9/2006 1:12:00 PM

Lab ID:

0605085-01A

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW503	30A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
1,1,1-Trichloroethane	4.9	1.0	µg/L	1	5/9/2006 2:14:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
1,1,2-Trichloroethane	U	1.0	μ g/ L	1	5/9/2006 2:14:00 PM
1,1-Dichloroethane	3.7	1.0	μg/L	1	5/9/2006 2:14:00 PM
1,1-Dichloroethene	4.0	1.0	μg/L	1	5/9/2006 2:14:00 PM
1,2-Dibromoethane	U	1.0	µg/L	1	5/9/2006 2:14:00 PM
1,2-Dichloroethane	2.3	1.0	μg/L	1	5/9/2006 2:14:00 PM
1,2-Dichloropropane	υ	1.0	µg/L	1	5/9/2006 2:14:00 PM
2-Butanone	U	1.0	µg/L	1	5/9/2006 2:14:00 PM
2-Hexanone	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
4-Methyl-2-pentanone	U	1.0	µg/L	1	5/9/2006 2:14:00 PM
Acetone	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Acrylonitrile	υ	1.0	μg/L	1	5/9/2006 2:14:00 PM
Benzene	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Bromochloromethane	U	1.0	µg/L	1	5/9/2006 2:14:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Bromoform	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Bromomethane	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Carbon disulfide	U	1.0	µg/L	1	5/9/2006 2:14:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Chloroethane	Ų	1.0	μg/L	1	5/9/2006 2:14:00 PM
Chloroform	υ	1.0	μg/L	1	5/9/2006 2:14:00 PM
Chloromethane	υ	1.0	μg/L	1	5/9/2006 2:14:00 PM
cis-1,2-Dichloroethene	24	1.0	μg/L	1	5/9/2006 2:14:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Dibromochloromethane	U	1.0	µg/L	1	5/9/2006 2:14:00 PM
Dichlorodifluoromethane	U	1.0	µg/L	1	5/9/2006 2:14:00 PM
Ethylbenzene	υ	1.0	μg/L	1	5/9/2006 2:14:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/9/2006 2:14:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Methylene chloride	11	1.0 B	μg/L	1	5/9/2006 2:14:00 PM
o-Xylene	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
Styrene	Ü	1.0	μg/L	1	5/9/2006 2:14:00 PM
Tetrachloroethene	39	1.0	μg/L	1	5/9/2006 2:14:00 PM
Toluene	U	1.0	μg/L	1	5/9/2006 2:14:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/9/2006 2:14:00 PM
trans-1,3-Dichloropropene	บ	1.0	μg/L	1	5/9/2006 2:14:00 PM

- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Client Sample ID: EW4D/195/-35.7

Lab Order: 0605085 Tag Number: 9598

Project: Claremont **Collection Date:** 5/9/2006 1:12:00 PM

Matrix: LIQUID Lab ID: 0605085-01A

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
Trichloroethene	2000	20	μg/L	20	5/9/2006 3:35:00 PM
Vinyl chloride	Ų	1.0	μg/L	1	5/9/2006 2:14:00 PM

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 10-May-06

Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Wednesday, May 10, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605088

American Analytical Laboratories, LLC. received 2 sample(s) on 5/9/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 10-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605088

Work Order Sample Summary

 Lab Sample ID
 Client Sample ID
 Tag Number
 Date Collected
 Date Received

 0605088-01A
 EW14D/215/-55.7
 9599
 5/9/2006 3:17:00 PM
 5/9/2006

 0605088-02A
 CPC-01-EW14D
 9599
 5/9/2006 3:20:00 PM
 5/9/2006

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Ħ

Date: 10-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/215/-55.7

Lab Order:

0605088

Tag Number: 9599

Project:

Claremont

Collection Date: 5/9/2006 3:17:00 PM

Lab ID:

0605088-01A

Matrix: LIQUID

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260)B		Analyst: LDS
1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
1,1,1-Trichloroethane	8.2	1.0	μg/L	1	5/9/2006 4:15:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
1,1-Dichloroethane	3.9	1.0	μg/L	1	5/9/2006 4:15:00 PM
1,1-Dichloroethene	4.2	1.0	μg/L	1	5/9/2006 4:15:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
2-Butanone	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
2-Hexanone	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Acetone	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Benzene	υ	1.0	µg/L	1	5/9/2006 4:15:00 PM
Bromochloromethane	υ	1.0	μg/L	1	5/9/2006 4:15:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Bromoform	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Bromomethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Carbon disulfide	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Chloroethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Chloroform	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Chloromethane	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
cis-1,2-Dichloroethene	27	1.0	μg/L	1	5/9/2006 4:15:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Dibromochloromethane	Ü	1.0	μg/L	1	5/9/2006 4:15:00 PM
Dichlorodifluoromethane	Ü	1.0	μg/L	1	5/9/2006 4:15:00 PM
Ethylbenzene	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/9/2006 4:15:00 PM
Methyl tert-butyl ether	Ü	1.0	μg/L	1	5/9/2006 4:15:00 PM
•	6.7		B μg/L	1	5/9/2006 4:15:00 PM
Methylene chloride	Ü	1.0	μg/L	1	5/9/2006 4:15:00 PM
o-Xylene	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Styrene	81	1.0	μg/L	1	5/9/2006 4:15:00 PM
Tetrachloroethene	U	1.0	μg/L	1	5/9/2006 4:15:00 PM
Toluene	Ü	1.0	μg/L	1	5/9/2006 4:15:00 PM
trans-1,2-Dichloroethene trans-1,3-Dichloropropene	U	1.0	μg/L	1	5/9/2006 4:15:00 PM

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits J
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level Х

Date: 10-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW14D/215/-55.7

Lab Order:

0605088

Tag Number: 9599

Project:

Claremont

Collection Date: 5/9/2006 3:17:00 PM

Lab ID:

0605088-01A

Matrix: LIQUID

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260)B		Analyst: LDS
Trichloroethene	1400	10	µg/L	10	5/9/2006 4:53:00 PM
Vinyl chloride	U	1.0	µg/L	1	5/9/2006 4:15:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 10-May-06

CLIENT:

Scientific Applications International Corp.

Lab Order: 060

0605088

Project:

Claremont

Lab ID:

0605088-02A

Client Sample ID: CPC-01-EW14D

Tag Number: 9599

Collection Date: 5/9/2006 3:20:00 PM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
1,1,1-Trichloroethane	9.8	1.0	μg/L	1	5/9/2006 6:34:00 PM
1,1,2,2-Tetrachloroethane	บ	1.0	μg/L	1	5/9/2006 6:34:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
1,1-Dichloroethane	5.4	1.0	μg/L	1	5/9/2006 6:34:00 PM
1,1-Dichloroethene	4.3	1.0	μg/L	1	5/9/2006 6:34:00 PM
1,2-Dibromoethane	υ	1.0	μg/L	1	5/9/2006 6:34:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
2-Butanone	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
2-Hexanone	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Acetone	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Benzene	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Bromochloromethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Bromoform	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Bromomethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Carbon disulfide	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Chlorobenzene	υ	1.0	μg/L	1	5/9/2006 6:34:00 PM
Chloroethane	U	1.0	µg/L	1	5/9/2006 6:34:00 PM
Chloroform	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Chloromethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
cis-1,2-Dichloroethene	30	1.0	μg/L	1	5/9/2006 6:34:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Dibromochloromethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Ethylbenzene	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
m,p-Xylene	υ	2.0	µg/L	1	5/9/2006 6:34:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Methylene chloride	14	1.0 B	μg/L	1	5/9/2006 6:34:00 PM
o-Xylene	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
Styrene	Ū	1.0	μg/L	1	5/9/2006 6:34:00 PM
Tetrachloroethene	40	1.0	μg/L	1	5/9/2006 6:34:00 PM
Toluene	U	1.0	μg/L	1	5/9/2006 6:34:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/9/2006 6:34:00 PM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/9/2006 6:34:00 PM
trans-1,3-Dichloroproperie	J		I-3, -		

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 10-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: CPC-01-EW14D

Lab Order:

0605088

Tag Number: 9599

Project: Lab ID: Claremont

0605088-02A

Collection Date: 5/9/2006 3:20:00 PM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW50:	30A	Analyst: LDS
Trichloroethene	1300	10	μg/L	10	5/9/2006 7:17:00 PM
Vinyl chloride	υ	1.0	μg/L	1	5/9/2006 6:34:00 PM

- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Wednesday, May 10, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605089

American Analytical Laboratories, LLC. received 1 sample(s) on 5/10/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer^l Lab Director

Date: 10-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605089

Work Order Sample Summary

Lab Sample ID Client Sample ID Tag Number Date Collected Date Received

0605089-01A EW14D/235/-75.7 9600 5/9/2006 6:20:00 PM 5/10/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205

/ FOR METHANOL PRESERVED SAMPLES NY050 68-573 YES / NO YES / NO CORRECT CONTAINER(S) SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) O. Hass OBAINOBA CONTACT Claimond CLIENT NAME/ADDRESS PROJECT LOCATION:

[VOLATILE VIAL #]

100 V

SAMPLE # - LOCATION

SAMPLING DATE/ TIME

MATRIX # CON-

LABORATORY ID#

52

-75.7

5-4-4/1820 EWI40/235/

Ú

0605089-14 GW

The second secon				COOLER	COOLER TEMPERATURE:	
MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS;	; A-AIR; W=WIPE;	; P=PAINT CHIPS; B=BULK MATERIAL	B=BULK MATERIAL TURNAROUND REQUIRED:	COMMEN	COMMENTS / INSTRUCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	S=SPLIT SPOON	7	NORMAL STATE BY	-		
RELINQUISHED BY (SIGNATURE)	DATE 5 / 10 -OG	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE 5/10/C	CHANTED NAME	
(Had	TIME S	C. Hus		25¢ JULINE	J. Hotows	
RELINQUISHED BY (SIGNATURE)	DATE	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME	
	TIME			TIME		

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
Н	Indicates sample was received and/or analyzed outside of

The method allowable holding time

Scientific Applications International Corp.

CLIENT: 0605089

Lab Order:

Project:

Claremont

0605089-01A Lab ID:

Date: 10-May-06

Client Sample ID: EW14D/235/-75.7

Tag Number: 9600

Collection Date: 5/9/2006 6:20:00 PM

Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW82	60B	SW5030A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
1,1,1-Trichloroethane	8.2	1.0	μg/L	1	5/10/2006 10:12:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
1,1-Dichloroethene	5.5	1.0	μg/L	1	5/10/2006 10:12:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
2-Butanone	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
2-Hexanone	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
4-Methyl-2-pentanone	Ü	1.0	μg/L	1	5/10/2006 10:12:00 AM
Acetone	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Acrylonitrile	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Benzene	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Bromochloromethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Bromodichloromethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Bromoform	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Bromomethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Carbon disulfide	IJ	1.0	μg/L	1	5/10/2006 10:12:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Chlorobenzene	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Chloroethane	υ	1.0	μg/L	1	5/10/2006 10:12:00 AM
Chloroform	υ	1.0	μg/L	1	5/10/2006 10:12:00 AM
Chloromethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
cis-1,2-Dichloroethene	45	1.0	μg/L	1	5/10/2006 10:12:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Dibromochloromethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Ethylbenzene	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
m,p-Xylene	Ŭ	2.0	μg/L	1	5/10/2006 10:12:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Methylene chloride	9.8	1.0	B μg/L	1	5/10/2006 10:12:00 AM
o-Xylene	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
Styrene	Ū	1.0	μg/L	1	5/10/2006 10:12:00 AM
Tetrachloroethene	70	1.0	μg/L	1	5/10/2006 10:12:00 AM
Toluene	U	1.0	μg/L	1	5/10/2006 10:12:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/10/2006 10:12:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/10/2006 10:12:00 AM

- В Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- NDNot Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Ė Value above quantitation range
- j Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level

CLIENT:

Scientific Applications International Corp.

Lab Order: 0605089 Tag Number: 9600

Collection Date: 5/9/2006 6:20:00 PM Claremont Project:

Matrix: LIQUID Lab ID: 0605089-01A

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	sv	V5030A	Analyst: LDS
Trichloroethene	1700	20	μg/L	20	5/10/2006 11:38:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/10/2006 10:12:00 AM

- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 10-May-06

Client Sample ID: EW14D/235/-75.7

Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

NY050 PH-0205 68-00573

11418

Wednesday, May 10, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605090

American Analytical Laboratories, LLC. received 1 sample(s) on 5/10/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 10-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order: 0605090

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605090-01A

EW4D/255/-95.7

9601

5/10/2006 9:22:00 AM

5/10/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

MENT	SAMPLE(S) YES / NO SEALED	CONTAINER(S) YES / NO	FOR MATHANGI	[VOLATILE VIAL#]							COOLER TEMPERATURE:	COMMENTS / INSTRUCTIONS	3	PRINTED NAME	17. H/Cho/2/2	AKINTED NAME	
S DOCUI											COOI FR TE	COMMENTS		DATES (101 PRINTED NAME	1 Shimb	DATE	TIME
T FOR ANALYSIS DOCUMENT	SAMPLER (SIGNATURE)	SAMPLER NAME (PRINT)	03410339 816-{ 180/39	11/1/1/	×							TI IRNAROLIND REOURED:	NORMAL STAPE BY	RECEIVED BY LAB (SIGNATORE)	P. C.	RECEIVED BY LAB (SIGNÁTÚRE)	
CHAIN OF CUSTODY / REQUEST	CONTACT:			SAMPLE # - LOCATION	F.Sh-1550/SIAMZ 1859/00-01-5							MATDIX 6-6011 1 - 1 102110 61 - 61 11025 A A1D WEWIDE: DEDAINT CHIDS REBILLY MATERIAL THE			C. Huss	PRINTED NAME RE	
OF CUS	00		root	SAMPLING RS DATE/ TIME								- A-AID- W-WIDE- De-	S=SPLIT SPOON		TIME 7		TIME
CHAIN	ESS	と大	Cleumon	MATRIX # CON-	6 mg							2011201201	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	SIGNATURE)	\mathcal{L}	SIGNATURE)	
	CLIENT NAME/ADDRESS	À	PROJECT LOCATION:	LABORATORY ID#	W3 41-060800							MATPIX 0-001	TYPE G=GRAB;	RELINQUISHED BY (SIGNATURE)	C. Hus	RELINQUISHED BY (SIGNATURE)	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
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В	Indicates the analyte was found in the blank as well as the sample report "10B".
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Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
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Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

Date: 10-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW4D/255/-95.7

Lab Order:

0605090

Tag Number: 9601

Project:

Claremont

Collection Date: 5/10/2006 9:22:00 AM

0605090-01A Lab ID:

Matrix: LIQUID

Analyses	Result	Limit Q	Qual Unit	ts DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW826	60B		Analyst: LDS
1,1,1,2-Tetrachioroethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
1,1,2-Trichloroethane	υ	1.0	μg/L	1	5/10/2006 11:01:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
1,1-Dichloroethene	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
2-Butanone	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
2-Hexanone	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Acetone	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Acrylonitrile	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Benzene	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Bromochloromethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Bromodichloromethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Bromoform	U	1.0	µg/L	1	5/10/2006 11:01:00 AM
Bromomethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Carbon disulfide	υ	1.0	μg/L	1	5/10/2006 11:01:00 AM
Carbon tetrachloride	υ	1.0	μg/L	1	5/10/2006 11:01:00 AM
Chlorobenzene	υ	1.0	μg/L	1	5/10/2006 11:01:00 AM
Chloroethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Chloroform	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Chloromethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
cis-1,2-Dichloroethene	2.5	1.0	μg/L	1	5/10/2006 11:01:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Dibromochloromethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
Ethylbenzene	U	1.0	μg/L	1	5/10/2006 11:01:00 AM
m,p-Xylene	U	2.0	μg/L	1	5/10/2006 11:01:00 AM
Methyl tert-butyl ether	บ	1.0	μg/L	1	5/10/2006 11:01:00 AM
Methylene chloride	8.0	1.0	B μg/L		5/10/2006 11:01:00 AM
o-Xylene	υ	1.0	μg/L	1	5/10/2006 11:01:00 AM
Styrene	U	1.0	μg/L		5/10/2006 11:01:00 AM
Tetrachloroethene	9.7	1.0	μg/L	1	5/10/2006 11:01:00 AM
Toluene	U	1.0	μg/L		5/10/2006 11:01:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L		5/10/2006 11:01:00 AM
trans-1,3-Dichloropropene	U	1.0	μg/L		5/10/2006 11:01:00 AM

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- Not Detected at the Reporting Limit ND
 - Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- Analyte detected below quantitation limits J
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level Х

Date: 10-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW4D/255/-95.7

Lab Order:

0605090

Tag Number: 9601

Project: Lab ID: Claremont 0605090-01A

Collection Date: 5/10/2006 9:22:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260	В		Analyst: LDS
Trichloroethene	130	1.0	μg/L	1	5/10/2006 11:01:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/10/2006 11:01:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Wednesday, May 10, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605101

American Analytical Laboratories, LLC. received 1 sample(s) on 5/10/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer Lab Director

Date: 10-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605101

Work Order Sample Summary

 Lab Sample ID
 Client Sample ID
 Tag Number
 Date Collected
 Date Received

 0605101-01A
 EW4D/275/-115.7
 9602
 5/10/2006 12:35:00 PM
 5/10/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

TAG # / COC 09802

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

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CLIENI NAME/ADDRESS	8 C		CONTACT	<u></u>	··	SAMIPLEN (SIGNATURE) C. Hus	Hus Hus				SAMPLE(S) SEALED	YES / NO
/)	>#1C					SAMPLER NAME (PRINT)	AME (PRINT	(CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:						SIS THAY	1					FOR
LABORATORY ID #	MATRIX # CON-	SON- SAMPLING DATE/ TIME	1NG	SAMPLE # - LOCATION							, 	METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
105101-11 CW	SW 2	5-10-06/123	\vdash	EW45/275/-11	115.7	رو						
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				, minor video					COOLI	ER TEMP	COOLER TEMPERATURE:	· Description
×	IUD; SL=SLUC	IGE; A-AIR; W=WIPE;	; P=PAINT C	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL	TURNARC	TURNAROUND REQUIRED:	JIRED:		COMM	IENTS / IIV	COMMENTS / INSTRUCTIONS	
IYPE G=GKAB; C=(COMPOSITE	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	7		NORMAL 🚨		STATE	\ *	7			
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C. Huse	7	TÍMË 1356	C. Muss	hes				7	1730C		OH)	6,50
RELINQUISHED BY (SIGNATURE)	SNATURE)	DATE	PRINTED NAME	NAME	RECEIVE	RECEIVED BY LAB (SIGNATURE)	B (SIGNA	TURE)	DATE	P. P.	PRINTED NAME	
		TIME							TIME			

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
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B .	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon,

Indicates sample was received and/or analyzed outside of

the flag is not used.

The method allowable holding time

H

CLIENT: Scientific Applications International Corp.

Lab Order: 0605101

Project: Claremont

Lab ID: 0605101-01A

Date: 10-May-06

Client Sample ID: EW4D/275/-115.7

Tag Number: 9602

Collection Date: 5/10/2006 12:35:00 PM

Matrix: LIQUID

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW82	60B		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
2-Butanone	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
2-Hexanone	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Acetone	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Benzene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Bromochloromethane	υ	1.0	μg/L	1	5/10/2006 1:25:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Bromoform	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Bromomethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Carbon disulfide	U	1.0	μg/L	1 -	5/10/2006 1:25:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Chloroethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Chloroform	U	1.0	µg/L	1	5/10/2006 1:25:00 PM
Chloromethane	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Dibromochloromethane	υ	1.0	μg/L	1	5/10/2006 1:25:00 PM
Dichlorodifluoromethane	ឋ	1.0	μg/L	1	5/10/2006 1:25:00 PM
Ethylbenzene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/10/2006 1:25:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Methylene chloride	6.4	1.0	B μg/L	1	5/10/2006 1:25:00 PM
o-Xylene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Styrene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
Tetrachloroethene	1.8	1.0	μg/L	1	5/10/2006 1:25:00 PM
Toluene	U	1.0	μg/L	1	5/10/2006 1:25:00 PM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/10/2006 1:25:00 PM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/10/2006 1:25:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605101

Project: Claremont

Lab ID: 0605101-01A

Date: 10-May-06

Client Sample ID: EW4D/275/-115.7

Tag Number: 9602

Collection Date: 5/10/2006 12:35:00 PM

Matrix: LIQUID

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260)B		Analyst: LDS
Trichloroethene	7.2	1.0	μg/L	1	5/10/2006 1:25:00 PM
Vinyl chloride	U	1.0	μg/L	1	5/10/2006 1:25:00 PM

ND Not Detected at the Reporting Limit

U Indicates the compound was analyzed for but not detecte

E Value above quantitation range

- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Thursday, May 11, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605108

American Analytical Laboratories, LLC. received 2 sample(s) on 5/10/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer Lab Director

Date: 11-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605108

Work Order Sample Summary

Lab Sample ID Client Sample ID Tag Number Date Collected Date Received

0605108-01A EW4D/295/-135.7 9622 5/10/2006 5/10/2006 0605108-02A Drill Stem-1 9622 5/10/2006 3:45:00 PM 5/10/2006

56 TOLEDO STREET · FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG#/COC_09622

PH-0205

11418

NY050 68-573 NYSDOH CTDOH NJDEP PADEP

/ FOR METHANOL PRESERVED analu 20 YES / NO YES / NO [VOLATILE VIAL #] SAMPLES COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED **CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMEN** DATE (TIME RECEIVED BY LAB (SIGNATUŘE) RECEIVED BY LAB (SIGNATURÉ) C. Huss ₽ SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) TURNAROUND REQUIRED: STAT OBAINOBA OBAINOBA F.32.7 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL EW47/295 101,000 C 725 PRINTED NAME PRINTED NAME 5-10-06/1545 Drill CONTACT 150 5-10-06/1543 SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON x 9-06 DATE 5-10-0 TIME 16 OS DATE TIME Claremont MATRIX # CON-B (Q) RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) N 5/08-1/1/6W CLIENT NAME/ADDRESS PROJECT LOCATION: LABORATORY ID # TYPE

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Н

CLIENT: Scientific Applications International Corp.

Lab Order: 0605108

Project: Claremont

Lab ID: 0605108-01A

Client Sample ID: EW4D/295/-135.7

Date: 11-May-06

Tag Number: 9622

Collection Date: 5/10/2006

Matrix: LIQUID

Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260E	SW50	30A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
1,1-Dichloroethene	Ü	1.0	μg/L	1	5/10/2006 4:30:00 PM
1,2-Dibromoethane	U	1.0	µg/L	1	5/10/2006 4:30:00 PM
1,2-Dichloroethane	U	1.0	µg/L	1	5/10/2006 4:30:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
2-Butanone	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
2-Hexanone	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
4-Methyl-2-pentanone	U	1.0	µg/L	1	5/10/2006 4:30:00 PM
Acetone	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Acrylonitrile	U	1.0	µg/L	1	5/10/2006 4:30:00 PM
Benzene	U	1.0	µg/L	1	5/10/2006 4:30:00 PM
Bromochloromethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Bromodichloromethane	U	1.0	μg/Ļ	1	5/10/2006 4:30:00 PM
Bromoform	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Bromomethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Carbon disulfide	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Chiorobenzene	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Chloroethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Chloroform	υ	1.0	μg/L	1	5/10/2006 4:30:00 PM
Chloromethane	υ	1.0	μg/L	1	5/10/2006 4:30:00 PM
cis-1,2-Dichloroethene	U	1.0	µg/L	1	5/10/2006 4:30:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Dibromochloromethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Ethylbenzene	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/10/2006 4:30:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Methylene chloride	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
o-Xylene	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
Styrene	IJ	1.0	μg/L	1	5/10/2006 4:30:00 PM
Tetrachloroethene	Ü	1.0	µg/L	1	5/10/2006 4:30:00 PM
Toluene	Ü	1.0	μg/L	1	5/10/2006 4:30:00 PM
trans-1,2-Dichloroethene	U	1.0	μg/L	1	5/10/2006 4:30:00 PM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/10/2006 4:30:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605108

Project: Claremont

Lab ID: 0605108-01A

Date: 11-May-06

Client Sample ID: EW4D/295/-135.7

Tag Number: 9622 **Collection Date:** 5/10/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
Trichloroethene	2.6	1.0	μg/L	1	5/10/2006 4:30:00 PM
Vinyl chloride	U	1.0	μg/L	1	5/10/2006 4:30:00 PM

Οu	ali	fie	ers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Date: 11-May-06

CLIENT: Scientific Applications International Corp. Client Sample ID: Drill Stem-1

Project: Claremont Collection Date: 5/10/2006 3:45:00 PM

Lab ID: 0605108-02A Matrix: LIQUID

Analyses	Result	Limit Qua	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW50:	30A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	µg/L	1	5/10/2006 5:19:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
1,1,2-Trichloroethane	U	1.0	µg/L	1	5/10/2006 5:19:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
1,1-Dichloroethene	Ų	1.0	μg/L	1	5/10/2006 5:19:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
2-Butanone	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
2-Hexanone	U	1.0	µg/L	1	5/10/2006 5:19:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Acetone	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Benzene	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Bromochloromethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Bromoform	U	1.0	µg/L	1	5/10/2006 5:19:00 PM
Bromomethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Carbon disulfide	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Chloroethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Chloroform	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Chloromethane	υ	1.0	μg/L	1	5/10/2006 5:19:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Dibromochloromethane	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Dichlorodifluoromethane	υ	1.0	µg/L	1	5/10/2006 5:19:00 PM
Ethylbenzene	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/10/2006 5:19:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Methylene chloride	8.4	1.0 B	µg/L	1	5/10/2006 5:19:00 PM
o-Xylene	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Styrene	Ū	1.0	μg/L	1	5/10/2006 5:19:00 PM
Tetrachloroethene	Ü	1.0	μg/L	1	5/10/2006 5:19:00 PM
Toluene	Ū	1.0	μg/L	1	5/10/2006 5:19:00 PM
trans-1,2-Dichloroethene	Ü	1.0	µg/L	1	5/10/2006 5:19:00 PM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/10/2006 5:19:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605108

Project: Claremont

Lab ID: 0605108-02A

Date: 11-May-06

Client Sample ID: Drill Stem-1

Tag Number: 9622

Collection Date: 5/10/2006 3:45:00 PM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
Trichloroethene	U	1.0	μg/L	1	5/10/2006 5:19:00 PM
Vinyl chloride	U	1.0	μg/L	1	5/10/2006 5:19:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Wednesday, May 17, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0605168

American Analytical Laboratories, LLC. received 1 sample(s) on 5/17/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 17-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605168

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605168-01A

EW11D/155/5

9623

5/17/2006 10:20:00 AM

5/17/2006

CLIENT NAME/ADDRESS

PROJECT LOCATION:

PH-0205 NY050 68-573 / FOR METHANOL PRESERVED SAMPLES YES / NO YES / NO [VOLATILE VIAL #] NYSDOH CTDOH NJDEP PADEP COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT C. Hay SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) TURNAROUND REQUIRED: ANAL PSIS 56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027 SAMPLE # - LOCATION MATRIX S≂SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 7 EWIID/ PRINTED NAME Jorgeof CONTACT 5-17-06/1020 SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

MATRIX # CON-

LABORATORY ID #

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

PRINTED NAME

ÓATE TIME

RECEIVED BY LAB (SIGNATURE)

PRINTED NAME

ICHI DATE

RELINQUISHED BY (SIGNATURE)

TIME

(1. Thuss

DATE S 17-06 TIME

RELINQUISHED BY (SIGNATURE)

TYPE

RECEIVED BY LAB (SIGMATI

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Н

Value If the result is greater than or equal to the detection limit, report the value U Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required. J Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others. В Indicates the analyte was found in the blank as well as the sample report "10B". Ε Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis. D This flag identifies all compounds identified in an analysis at a secondary dilution factor. P This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P". Ν This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Date: 17-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW11D/155/5

Lab Order:

0605168

Tag Number: 9623

Project:

Claremont

Collection Date: 5/17/2006 10:20:00 AM

Lab ID:

0605168-01A

Matrix: LIQUID

Analyses	Result	Limit (Qual Un	its DI	F Date Analyzed
VOLATILE SW-846 METHOD 8260		SW826	60B	SW5030A	Analyst: LDS
1,1,1,2-Tetrachloroethane	บ	1.0	μg/	լ 1	5/17/2006 11:29:00 AM
1,1,1-Trichloroethane	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
1,1,2,2-Tetrachioroethane	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
1,1,2-Trichloroethane	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
1,1-Dichloroethane	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
1,1-Dichloroethene	U	1.0	µg/	L 1	5/17/2006 11:29:00 AM
1,2-Dibromoethane	U	1.0	µg/	L 1	5/17/2006 11:29:00 AM
1,2-Dichloroethane	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
1,2-Dichloropropane	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
2-Butanone	U	1.0	µg/	L 1	5/17/2006 11:29:00 AM
2-Hexanone	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
4-Methyl-2-pentanone	U	1.0	µg/	L 1	5/17/2006 11:29:00 AM
Acetone	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
Acrylonitrile	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
Benzene	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
Bromochloromethane	U	1.0	µg/	L 1	5/17/2006 11:29:00 AM
Bromodichloromethane	U	1.0	μg/		5/17/2006 11:29:00 AM
Bromoform	U	1.0	μg/		5/17/2006 11:29:00 AM
Bromomethane	U	1.0	μg/		5/17/2006 11:29:00 AM
Carbon disulfide	U	1.0	μg/		5/17/2006 11:29:00 AM
Carbon tetrachloride	U	1.0	μg/	L 1	5/17/2006 11:29:00 AM
Chlorobenzene	U	1.0	µg/		5/17/2006 11:29:00 AM
Chloroethane	υ	1.0	µg/	'L 1	5/17/2006 11:29:00 AM
Chloroform	U	1.0	μg/		5/17/2006 11:29:00 AM
Chloromethane	U	1.0	μg/		5/17/2006 11:29:00 AM
cis-1,2-Dichloroethene	Ü	1.0	μg/		5/17/2006 11:29:00 AM
cis-1,3-Dichloropropene	Ū	1.0	μg/		5/17/2006 11:29:00 AM
Dibromochloromethane	Ü	1.0	μg/		5/17/2006 11:29:00 AM
Dichlorodifluoromethane	Ü	1.0	μg/		5/17/2006 11:29:00 AM
Ethylbenzene	Ū	1.0	μg,		5/17/2006 11:29:00 AM
m,p-Xylene	Ū	2.0	μg		5/17/2006 11:29:00 AM
Methyl tert-butyl ether	Ü	1.0	μg		5/17/2006 11:29:00 AM
Methylene chloride	11	1.0	B µg/		5/17/2006 11:29:00 AM
o-Xylene	υ	1.0	μg,		5/17/2006 11:29:00 AM
Styrene	Ü	1.0	µg,		5/17/2006 11:29:00 AM
Tetrachloroethene	Ü	1.0	μg,	_	5/17/2006 11:29:00 AM
Toluene	Ü	1.0	μg,		5/17/2006 11:29:00 AM
trans-1,2-Dichloroethene	Ů	1.0	μg,		5/17/2006 11:29:00 AM
trans-1,3-Dichloropropene	U	1.0	hā:	_	5/17/2006 11:29:00 AM

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Client Sample ID: EW11D/155/5

Lab Order: 0605168 Tag Number: 9623

Collection Date: 5/17/2006 10:20:00 AM Project: Claremont

Lab ID: Matrix: LIQUID 0605168-01A

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5	030A	Analyst: LDS
Trichloroethene	U	1.0	μg/L	1	5/17/2006 11:29:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/17/2006 11:29:00 AM

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 17-May-06

Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Wednesday, May 17, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605170

American Analytical Laboratories, LLC. received 1 sample(s) on 5/17/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 17-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605170

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605170-01A

EW11D/175/-15

09624

5/17/2006

5/17/2006

AMERICAN ANALYTICAL ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG#/COC 09624

NYSDOH 11418 CTDOH PH-0205 NJDEP NY050 PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT	CONTACT: SAMPLER (SIGNATURE) SAMPLE(S) YES / NO	SAMPLER NAME (PRINT) CORRECT CONTAINER(S) YES / NO		SAMPLING DATE/ SAMPLE # - LOCATION TIME	513-06/123 EWIND/175/-15 D					COO! ER TEMPERATI IPE-	THE PROPERTY OF THE PROPERTY O	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON NORMAL STATE	DATE PRINTED NAME RECEIVED BY LAB (SIGNATURE) DATE PRINTED NAME STATES	C. Huss	Control of the contro
TODY / REQUEST		1 "			1521								WE.	thess	PRINTED NAME RECEIVED BY LAB (SIGNATURE)
OF CUS		`										SPLIT SPOON	\vdash		
CHAIN	St	>#C		MATRIX # CON-	6 (2)						- 61 LDO CE	COMPOSITE, SS	SNATURE)		3NATURE)
	CLIENT NAME/ADDRESS	5	PROJECT LOCATION:	LABORATORY ID#	AIO-OLISON						MATRIX S-SOLITING		RELINQUISHED BY (SIGNATURE)	(Hurs	RELINQUISHED BY (SIGNATURE)

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
Е	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

Scientific Applications International Corp.

Lab Order: 0605170

CLIENT:

Project: Claremont

Lab ID: 0605170-01A

Date: 17-May-06

Client Sample ID: EW11D/175/-15

Tag Number: 09624 **Collection Date:** 5/17/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW503	0A	Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
1,1,1-Trichtoroethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
1,2-Dichloroethane	U	1.0	µg/L	1	5/17/2006 1:27:00 PM
1,2-Dichloropropane	U	1.0	µg/L	1	5/17/2006 1:27:00 PM
2-Butanone	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
2-Hexanone	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Acetone	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Benzene	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Bromochloromethane	Ŭ	1.0	μg/L	1	5/17/2006 1:27:00 PM
Bromodichloromethane	U	1.0	µg/L	1	5/17/2006 1:27:00 PM
Bromoform	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Bromomethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Carbon disulfide	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Chloroethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Chloroform	U	1.0	µg/L	1	5/17/2006 1:27:00 PM
Chloromethane	U	1.0	µg/L	1	5/17/2006 1:27:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
cis-1,3-Dichloropropene	υ	1.0	μg/L	1	5/17/2006 1:27:00 PM
Dibromochloromethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Ethylbenzene	U	1.0	µg/L	1	5/17/2006 1:27:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/17/2006 1:27:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Methylene chloride	12	1.0 B	μg/L	1	5/17/2006 1:27:00 PM
o-Xylene	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Styrene	U	1.0	μg/L	1	5/17/2006 1:27:00 PM
Tetrachloroethene	Ü	1.0	µg/L	1	5/17/2006 1:27:00 PM
Toluene	Ū	1.0	µg/L	1	5/17/2006 1:27:00 PM
trans-1,2-Dichloroethene	Ū	1.0	μg/L	1	5/17/2006 1;27:00 PM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	5/17/2006 1:27:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT:

Scientific Applications International Corp.

Lab Order:

0605170

Project:

Claremont

Lab ID:

0605170-01A

Date: 17-May-06

Client Sample ID: EW11D/175/-15

Tag Number: 09624

Collection Date: 5/17/2006

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	5 I	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
Trichloroethene	U	1.0	μg/L	1		5/17/2006 1:27:00 PM
Vinyl chloride	U	1.0	μg/L	1		5/17/2006 1:27:00 PM

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Wednesday, May 17, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605175

American Analytical Laboratories, LLC. received 1 sample(s) on 5/17/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Karen Kelle for Lori Beyer

Lab Director

Date: 17-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605175

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605175-01A

EW11D/190/-30

9625

5/17/2006 2:27:00 PM

5/17/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TAG # / COC___09625

CLIENT NAME/ADDRESS	SS	S	CONTACT:		SAMPLER (SIGNATURE)		SAMPLE(S)	YES / NO
•	SAK				SAMPLER NAME (PRINT)		(s)	YES / NO
PROJECT LOCATION:	Clarenas	Drs.			OBHINOS SIGNANA OBHINOS			FOR
LABORATORY ID #	MATRIX # CON-	SAMPLING SAMPLING SS DATE/		SAMPLE # - LOCATION			METHANK S. [VOLA	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
W-5E150°	C Mg	5-17-06/1427 EWITE	127 EW	08-/06//01	Q			
						COOI ER TEMPERATI IBE-	DERATIRE.	
MATRIX S=SOIL: L=LIQUID: SL=SLUDGE: A-AIR: W=WIPE: P=PAINT CHIPS:	QUID: SL=SLUDGE:	A-AIR: W=WIPE: P=	=PAINT CHIPS:	B=BULK MATERIAL	TURNAROUND REQUIRED:	COMMENTS	COMMENTS / INSTRUCTIONS	
TYPE G=GRAB; C:	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	S=SPLIT SPOON			NORMAL STATE BY	1	٠,	
RELINQUISHED BY (SIGNATURE)	(GNATURE)	DATE 5-19-06 FINE TIME	PRINTED NAME C. HASS	€	RECEIVED BY LAB (SIGNATURE)	DATES / 1 PB	PRINTED NAME	5,
RELINQUISHED BY (SIGNATURE)	IGNATURE)		PRINTED NAME	—	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME	and the state of t

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B .	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

CLIENT: Scientific Applications International Corp.

Lab Order: 0605175

Project: Claremont

Lab ID: 0605175-01A

Date: 17-May-06

Client Sample ID: EW11D/190/-30

Tag Number: 9625

Collection Date: 5/17/2006 2:27:00 PM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW50:	30A	Analyst: RN
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
1,1-Dichloroethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
1,2-Dichloropropane	υ	1.0	µg/L	1	5/17/2006 3:27:00 PM
2-Butanone	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
2-Hexanone	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Acetone	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Benzene	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Bromochloromethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Bromoform	υ	1.0	μg/L	1	5/17/2006 3:27:00 PM
Bromomethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Carbon disulfide	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
Carbon tetrachloride	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
Chlorobenzene	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
Chloroethane	IJ	1.0	µg/L	1	5/17/2006 3:27:00 PM
Chloroform	IJ	1.0	μg/L	1	5/17/2006 3:27:00 PM
Chloromethane	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
cis-1,2-Dichloroethene	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
cis-1,3-Dichloropropene	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
Dibromochloromethane	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
Dichlorodifluoromethane	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
Ethylbenzene	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
m,p-Xylene	U	2.0	µg/L	1	5/17/2006 3:27:00 PM
Methyl tert-butyl ether	Ų	1.0	μg/L	1	5/17/2006 3:27:00 PM
Methylene chloride	11	1.0 B	µg/L	1	5/17/2006 3:27:00 PM
o-Xylene	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
Styrene	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
Tetrachloroethene	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Toluene	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
trans-1,2-Dichloroethene	U	1.0	µg/L	1	5/17/2006 3:27:00 PM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	5/17/2006 3:27:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605175

Project: Claremont

Lab ID: 0605175-01A

Date: 17-May-06

Client Sample ID: EW11D/190/-30

Tag Number: 9625

Collection Date: 5/17/2006 2:27:00 PM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW	/5030A	Analyst: RN
Trichloroethene	U	1.0	μg/L	1	5/17/2006 3:27:00 PM
Vinyl chloride	U	1.0	μg/L	1	5/17/2006 3:27:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Thursday, May 18, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605182

American Analytical Laboratories, LLC. received 1 sample(s) on 5/17/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely.

Lori Beyer Lab Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735

(631) 454-6100 • FAX: (631) 454-8027

Date: 18-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605182

Work Order Sample Summary

Lab Sample ID Client Sample ID Tag Number Date Collected Date Received

0605182-01A EW11D/205/-45 09626 5/17/2006 5/17/2006

AMERICAN ANALYTICAL ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

TAG # / COC 09626

HO	AIN	CHAIN OF CUSTODY	STO	DY / REQUEST FOR ANALYSIS DOCUMENT	ST	OR	AN	YLYS	<u>1</u> S	100C	MEN	╘	
CLIENT NAME/ADDRESS			CONTACT		VS.	SAMPLER (SIGNATURE)	JATURE)				SAMP	SAMPLE(S) SEALED	YES / NO
3	5A1C				_ ॐ	SAMPLER NAME (PRINT)	(PRINT)				CONT	CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:	Claremond	long		and the state of t	106	SISA TANA							FOR
LABORATORY MATRIX ID #	MATRIX # CON-	SAMPLING DATE/ TIME		SAMPLE # - LOCATION)5\ SV						METH	METHANOL PRESERVED SAMPLES [VOLATILE VIAL#]
5605182-01A- GW	v	5.17.06/147/EW	TCHN!	/ soc / a.l.	· ×h-	Q							
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										COOLER	COOLER TEMPERATURE:	TURE:	
MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS;	=SLUDGE; A	AIR; W=WIPE; F	=PAINT C	IIPS; B=BULK MATERIAL	TURNAROUND REQUIRED:	IND REQUIF	RED:			COMMEN	COMMENTS / INSTRUCTIONS	UCTIONS	
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON	SITE, SS≕	SPLIT SPOON			NORMAL 🛚	STATE		ВУ /	_				
RELINQUISHED BY (SIGNATURE)			PRINTED NAME	NAME	RECEIVE	RECEIVED BY LAB (SIGNATURE)	SIGNAT	URE)	A O	DATE OSITION	PRINTED NAME	NAME	
conff.		TIME	C. Huss	25	,	X	1	1	<u> </u>	000	M	Jan J	24.9
RELINQUISHED BY (SIGNATURE)			PRINTED NAME	NAME	RECEIVED FY	D BY LAB	1. AB(SIGNATURE)	URE)	DATE	Щ	PRINTED NAME	NAME	_
		TIME							TIME	ш			

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

Date: 18-May-06

CLIENT:

Scientific Applications International Corp.

Lab Order:

0605182

Project:

Claremont

Lab ID:

0605182-01A

Client Sample ID: EW11D/205/-45

Tag Number: 09626

Collection Date: 5/17/2006

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8	260B			Analyst: RN
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	5/18/2006 2:21:00 AM
1,1,1-Trichloroethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
1,1,2-Trichloroethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
1,1-Dichloroethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
1,1-Dichloroethene	1.2	1.0		µg/L	1	5/18/2006 2:21:00 AM
1,2-Dibromoethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
1,2-Dichloroethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
1,2-Dichloropropane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
2-Butanone	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
2-Hexanone	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
4-Methyl-2-pentanone	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Acetone	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Acrylonitrile	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Benzene	U	1.0		µg/L	1	5/18/2006 2:21:00 AM
Bromochloromethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Bromodichloromethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Bromoform	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Bromomethane	υ	1.0		μg/L	1	5/18/2006 2:21:00 AM
Carbon disulfide	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Carbon tetrachloride	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Chlorobenzene	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Chloroethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Chloroform	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Chloromethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
cis-1,2-Dichloroethene	29	1.0		μg/L	1	5/18/2006 2:21:00 AM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Dibromochloromethane	U	1.0		µg/L	1	5/18/2006 2:21:00 AM
Dichlorodifluoromethane	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Ethylbenzene	υ	1.0		μg/L	1	5/18/2006 2:21:00 AM
m,p-Xylene	U	2.0		µg/L	1	5/18/2006 2:21:00 AM
Methyl tert-butyl ether	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Methylene chloride	9.5	1.0	В	μg/L	1	5/18/2006 2:21:00 AM
o-Xylene	U	1.0		μg/L	1	5/18/2006 2:21:00 AM
Styrene	Ü	1.0		μg/L	1	5/18/2006 2:21:00 AM
Tetrachioroethene	16	1.0		μg/L	1	5/18/2006 2:21:00 AM
Toluene	Ü	1.0		μg/L	1	5/18/2006 2:21:00 AM
trans-1,2-Dichloroethene	Ū	1.0		µg/L	1	5/18/2006 2:21:00 AM
trans-1,3-Dichloropropene	Ü	1.0		μg/L	1	5/18/2006 2:21:00 AM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- J Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

Scientific Applications International Corp.

Lab Order: 0605182

CLIENT:

Project: Claremont

Lab ID: 0605182-01A

Date: 18-May-06

Client Sample ID: EW11D/205/-45

Tag Number: 09626 **Collection Date:** 5/17/2006

Matrix: LIQUID

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260	В		Analyst: RN
Trichloroethene	150	1.0	μg/L	1	5/18/2006 2:21:00 AM
Vinyl chloride	U	1.0	μg/L	1	5/18/2006 2:21:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Thursday, May 18, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0605185

American Analytical Laboratories, LLC. received 1 sample(s) on 5/18/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lab Director

Date: 18-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605185

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605185-01A

EW11D/235/-70

9627

5/18/2006 8:46:00 AM

5/18/2006

AMERICAN
ANALYTICAL
ELABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

PH-0205 11418 NYSDOH

NY050 68-573

CTDOH NJDEP PADEP TAG # / COC____09627

, FOR METHANOL PRESERVED YES / NO YES / NO [VOLATILE VIAL #] SAMPLES COMMENTS / INSTRUCTIONS CORRECT CONTAINER(S) PRINTED NAME PRIMITED NAME COOLER TEMPERATURE: SAMPLE(S) SEALED CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT TIME (Has RECEIVED BY LAB (SIGNATÓRE) RECEIVED BY LAB (SIGNATURE) SAMPLER NAME (PRINT) SAMPLER (SIGNATURE) STATE TURNAROUND REQUIRED: SIS TANA -Q NORMAL 🛄 140 SAMPLE # - LOCATION MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL 5-18-06/84/EWIID/235/ るよう PRINTED NAME PRINTED NAME CONTACT SAMPLING DATE/ TIME G=GRAB; C=COMPOSITE, SS=SPLIT SPOON DATE OF Clarement DATE TIME MATRIX # CON-0 RELINQUISHED BY (SIGNATURE) RELINQUISHED BY (SIGNATURE) 6 CLIENT NAME/ADDRESS PROJECT LOCATION: を含 LABORATORY ID# TYPE

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Н

Date: 18-May-06

CLIENT: Lab Order: Scientific Applications International Corp.

0605185

Project: Lab ID:

0605185-01A

Claremont

Tag Number: 9627

Client Sample ID: EW11D/235/-70

Collection Date: 5/18/2006 8:46:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW503	0A	Analyst: MMR
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
1,1-Dichloroethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
1,1-Dichloroethene	υ	1.0	μg/L	1	5/18/2006 10:31:00 AM
1,2-Dibromoethane	Ū	1.0	μg/L	1	5/18/2006 10:31:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
2-Butanone	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
2-Hexanone	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Acetone	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Acrylonitrile	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Benzene	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Bromochloromethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Bromodichloromethane	ប	1.0	μg/L	1	5/18/2006 10:31:00 AM
Bromoform	Մ	1.0	μg/L	1	5/18/2006 10:31:00 AM
Bromomethane	υ	1.0	μg/L	1	5/18/2006 10:31:00 AM
Carbon disulfide	U	1.0	µg/L	1	5/18/2006 10:31:00 AM
Carbon tetrachloride	U	1.0	µg/L	1	5/18/2006 10:31:00 AM
Chlorobenzene	Ù	1.0	μg/L	1	5/18/2006 10:31:00 AM
Chloroethane	U	1.0	µg/L	1	5/18/2006 10:31:00 AM
Chloroform	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Chloromethane	U	1.0	µg/L	1	5/18/2006 10:31:00 AM
cis-1,2-Dichloroethene	6.9	1.0	μg/L	1	5/18/2006 10:31:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Dibromochloromethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Ethylbenzene	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
m,p-Xylene	U	2.0	μg/L	1	5/18/2006 10:31:00 AM
Methyl tert-butyl ether	U	1.0	µg/L	1	5/18/2006 10:31:00 AM
Methylene chloride	11	1.0 B	μg/L	1	5/18/2006 10:31:00 AM
o-Xylene	U	1,0	μg/L	1	5/18/2006 10:31:00 AM
Styrene	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
Tetrachloroethene	6.8	1.0	μg/L	1	5/18/2006 10:31:00 AM
Toluene	U	1.0	μg/L	1	5/18/2006 10:31:00 AM
trans-1,2-Dichloroethene	υ	1.0	μg/L	1	5/18/2006 10:31:00 AM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	5/18/2006 10:31:00 AM

Qualifiers:

- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level

Date: 18-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW11D/235/-70

Lab Order:

0605185

Tag Number: 9627

Project:

Claremont

Collection Date: 5/18/2006 8:46:00 AM

Lab ID:

0605185-01A

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5	030A	Analyst: MMR
Trichloroethene	51	1.0	μg/L	1	5/18/2006 10:31:00 AM
Vinyl chloride	U	1.0	µg/L	1	5/18/2006 10:31:00 AM

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Thursday, May 18, 2006

Catherine Huss Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8806 FAX (717) 901-8102

RE: Claremont

Dear Catherine Huss:

Order No.: 0605190

American Analytical Laboratories, LLC. received 1 sample(s) on 5/18/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer \(\)
Lab Director

Date: 18-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605190

Work Order Sample Summary

Lab Sample ID Client Sample ID Tag Number Date Collected Date Received

0605190-01A EW11D/255/-95 9628 5/18/2006 10:56:00 AM 5/18/2006

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TAG # / COC 09628

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

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	CLIENT NAME/ADDRESS	KESS	!	03	CONTACT:		-S	SAMPLER (SIGNATURE)	(SIGNATURE)					SAMPLE(S) SEALED	YES / NO	
		SAK	V				S. S.	SAMPLER NAME (PRINT)	IE (PRINT)					CORRECT CONTAINER(S)	YES / NO	
	PROJECT LOCATION	\mathcal{O}	(aremon	4			N.	SISAINOTO							FOR	
	LABORATORY ID#	MATRIX	MATRIX # CON-	SAMPLING DATE/ TIME	SAMPI	SAMPLE#-LOCATION									MEI HANOL PRESERVED SAMPLES [VOLATILE VIAL#]	3
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	×	LIQUID; SL=	SLUDGE; A	AiR; W=WIPE; P=P,	AINT CHIPS; B=BU		URNAROU	TURNAROUND REQUIRED;	RED:			COMME	ENTS / II	COMMENTS / INSTRUCTIONS	60	
	TYPE G≂GRAB; (C=COMPO	SITE, SS=	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON		Z	NORMAL 🛘	STATE	Q	/ * *	1	1	00			
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WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В .	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Н

CLIENT: Scientific Applications International Corp.

Lab Order: 0605190

Project: Claremont

Lab ID: 0605190-01A

Date: 18-May-06

Client Sample ID: EW11D/255/-95

Tag Number: 9628

Collection Date: 5/18/2006 10:56:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW503	0A	Analyst: MMR
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
1,1,2-Trichloroethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
1,1-Dichloroethane	U	1.0	µg/L	1	5/18/2006 11:53:00 AM
1,1-Dichloroethene	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
1,2-Dibromoethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
1,2-Dichloroethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
1,2-Dichloropropane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
2-Butanone	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
2-Hexanone	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Acetone	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Acrylonitrile	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Benzene	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Bromochloromethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Bromodichloromethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Bromoform	บ	1.0	μg/L	1	5/18/2006 11:53:00 AM
Bromomethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Carbon disulfide	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Carbon tetrachloride	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Chlorobenzene	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Chloroethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Chloroform	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Chloromethane	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Dibromochloromethane	U	1.0	µg/L	1	5/18/2006 11:53:00 AM
Dichlorodifluoromethane	U	1.0	µg/L	1	5/18/2006 11:53:00 AM
Ethylbenzene	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
m,p-Xylene	U	2.0	μg/L	1	5/18/2006 11:53:00 AM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Methylene chloride	13	1.0 B	μg/L	1	5/18/2006 11:53:00 AM
o-Xylene	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Styrene	Ū	1.0	μg/L	1	5/18/2006 11:53:00 AM
Tetrachloroethene	Ü	1.0	µg/L	1	5/18/2006 11:53:00 AM
Toluene	Ü	1.0	μg/L	1	5/18/2006 11:53:00 AM
trans-1,2-Dichloroethene	Ü	1.0	μg/L	1	5/18/2006 11:53:00 AM
trans-1,3-Dichloropropene	Ü	1.0	μg/L	1	5/18/2006 11:53:00 AM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

fic Applications International Corp. Client Sample ID: EW11D/255/-95

Lab Order: 0605190 **Tag Number:** 9628

Project: Claremont Collection Date: 5/18/2006 10:56:00 AM

Lab ID: 0605190-01A Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A	·	Analyst: MMR
Trichloroethene	U	1.0	μg/L	1	5/18/2006 11:53:00 AM
Vinyl chloride	U	1.0	µg/L	1	5/18/2006 11:53:00 AM

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 18-May-06

X Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Thursday, May 18, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605191

American Analytical Laboratories, LLC. received 1 sample(s) on 5/18/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer Lab Director

Date: 18-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605191

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605191-01A

EW11D/275/-115

9629

5/18/2006 1:16:00 PM

5/18/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / coc 09629

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

CONTACT: CONTAC	FOR ANALYSIS DOCUMENT	SAMPLE(S) YES / NO	CORRECT YES / NO	FOR	METHANOL PRESERVED SAMPLES (VOLATILE VIAL #)							COOLER TEMPERATURE:	COMMENTS / INSTRUCTIONS	1,00	10/16	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DATE PRINTED NAME	_
CHAIN OF CUSTODY / REQUI	EST FOR ANALYSI	SAMPLER (SIGNATURE)	SAMPLER NAME (PRINT)	CS S TANK									TURNAROUND REQUIRED:	STANK	3	16	RECEIVED BY LAB (SIGNATURE)	
CHAIN OF CU ME/ADDRESS CLOUR # CON-DATE TIME TIME TIME TIME TIME TAINERS TIME TIME THE 6 W 3 5-18-06/I S-18-06/I S-18-06/I THE BY (SIGNATURE) S-18-06/I S-18-06/I THE BY (SIGNATURE) S-18-06/I S-18-06/I THE BY (SIGNATURE) S-18-06/I S-18-06/I THE BY (SIGNATURE) S-18-06/I THE BY (SIGNATURE) S-18-06/I THE BY (SIGNATURE) S-18-06/I THE BY (SIGNATURE) DATE THE BY (SIGNATURE) DATE	STODY / REQUI	CONTACT:				/SEC/QUIM3							P=PAINT CHIPS; B=BULK MATERIAL		PRINTED NAME	C. Huss	PRINTED NAME	
ME/ADDRESS ME/ADDRESS SCATION: CLULE SESOL; L=LIQUID; SL=SL FERAB; C=COMPOSI HED BY (SIGNATURE) HED BY (SIGNATURE)	IN OF CU	(<u></u>	mon									UDGE; A-AIR; W=WIPE;	TE, SS=SPLIT SPOON				
	CHA	CLIENT NAME/ADDRESS	*	PROJECT LOCATION:	LABORATORY MATRIX T	M9 61-16							S=SOIL; L=LIQUID; SL=SL	3≕GRAB; C=COMPOSI	RELINQUISHED BY (SIGNATURE)	Hust	RELINQUISHED BY (SIGNATURE)	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
Е	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

Date: 18-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW11D/275/-115

Lab Order:

0605191

Tag Number: 9629

Project:

Claremont

Collection Date: 5/18/2006 1:16:00 PM

Lab ID: 0605191-01A

Matrix: LIQUID

Analyses	Result	Limit Qua	al Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260E	3 SW50	30A	Analyst: MMR
1,1,1,2-Tetrachloroethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
1,1,1-Trichloroethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
1,1,2,2-Tetrachloroethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
1,1,2-Trichloroethane	U	1.0	µg/L	1	5/18/2006 2:36:00 PM
1,1-Dichloroethane	ប	1.0	μg/Ľ	1	5/18/2006 2:36:00 PM
1,1-Dichloroethene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
1,2-Dibromoethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
1,2-Dichloroethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
1,2-Dichloropropane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
2-Butanone	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
2-Hexanone	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
4-Methyl-2-pentanone	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Acetone	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Acrylonitrile	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Benzene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Bromochloromethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Bromodichloromethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Bromoform	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Bromomethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Carbon disulfide	ឋ	1.0	μg/L	1	5/18/2006 2:36:00 PM
Carbon tetrachloride	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Chlorobenzene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Chloroethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Chloroform	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Chloromethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
cis-1,2-Dichloroethene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
cis-1,3-Dichloropropene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Dibromochloromethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Dichlorodifluoromethane	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Ethylbenzene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
m,p-Xylene	U	2.0	μg/L	1	5/18/2006 2:36:00 PM
Methyl tert-butyl ether	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Methylene chloride	13	1.0 B	µg/L	1	5/18/2006 2:36:00 PM
o-Xylene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Styrene	U	1.0	µg/L	1	5/18/2006 2:36:00 PM
Tetrachloroethene	Ü	1.0	μg/L	1	5/18/2006 2:36:00 PM
Toluene	Ū	1.0	µg/L	1	5/18/2006 2:36:00 PM
trans-1,2-Dichloroethene	U	1.0	µg/L	1	5/18/2006 2:36:00 PM
trans-1,3-Dichloropropene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT:

Lab Order:

Scientific Applications International Corp.

Client Sample ID: EW11D/275/-115

0605191 Tag Number: 9629

Collection Date: 5/18/2006 1:16:00 PM Project: Claremont

Lab ID: 0605191-01A Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	5	SW5030A	Analyst: MMR
Trichloroethene	U	1.0	μg/L	1	5/18/2006 2:36:00 PM
Vinyl chloride	U	1.0	µg/L	1	5/18/2006 2:36:00 PM

- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- NDNot Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Date: 18-May-06

Value exceeds Maximum Contaminant Level



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Friday, May 19, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605202

American Analytical Laboratories, LLC. received 1 sample(s) on 5/19/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer ¹
Lab Director

Date: 19-May-06

CLIENT:

Scientific Applications International Corp.

Project:

Claremont

Lab Order:

0605202

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

Date Collected

Date Received

0605202-01A

EW11D/295/-135

9630

5/19/2006 9:07:00 AM

5/19/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC_

NYSDOH CTDOH NJDEP PADEP

11418 PH-0205 NY050 68-573

	CHA	NIV	CHAIN OF CUSTODY	310	DY / REQUEST FOR ANALYSIS DOCUMENT	ST	FOR /	INAL	SIS	DOC	UME	LNI	
CLIENT NAME/ADDRESS		· ·		CONTACT:	<u></u>	0)	SAMPLER (SIGNATURE)	ATURE)			<i>0, 0,</i>	SAMPLE(S) SEALED	YES / NO
	\triangle	2H1C	J			l ⁰⁷	≝	(PRINT)				CORRECT CONTAINER(S)	YES / NO
PROJECT LOCATION:	06	laremont	す				SISAINOJE SISAINOJE						FOR
LABORATORY ID #	MATRIX # CON-	# CON- TAINERS	SAMPLING DATE/ TIME	ŋ	SAMPLE # - LOCATION							ME!	ME I HANOL PRESERVED SAMPLES [VOLATILE VIAL#]
06052027A6W	3	70	2.06/90-61-5		SE1-/56c/91107	3	Q						
			Angelog personal and the second secon	\dashv									
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RELINQUISHED BY (SIGNATURE)	IGNATURE		1	PRINTED NAME) NAME	RECEIVI	RECEIVED BY LAB (SIENATURE)	SIENATURE)		DATE	A N	PRINTED NAME	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
Е	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of

The method allowable holding time

Н

CLIENT: Scientific Applications International Corp.

Lab Order:

0605202

Project:

Claremont

Lab ID:

0605202-01A

Date: 19-May-06

Client Sample ID: EW11D/295/-135

Tag Number: 9630

Collection Date: 5/19/2006 9:07:00 AM

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8	260B	SW50	30A	Analyst: MMF
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	5/19/2006 10:03:00 AM
1,1,1-Trichloroethane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
1,1,2,2-Tetrachloroethane	u	1.0		µg/L	1	5/19/2006 10:03:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	5/19/2006 10:03:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	5/19/2006 10:03:00 AM
1,1-Dichloroethene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
1,2-Dibromoethane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
1,2-Dichloroethane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
1,2-Dichloropropane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
2-Butanone	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
2-Hexanone	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
4-Methyl-2-pentanone	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Acetone	U	1.0		µg/L	1	5/19/2006 10:03:00 AM
Acrylonitrile	υ	1.0		μg/L	1	5/19/2006 10:03:00 AM
Benzene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Bromochloromethane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Bromodichloromethane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Bromoform	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Bromomethane	U	1.0		µg/L	1	5/19/2006 10:03:00 AM
Carbon disulfide	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	5/19/2006 10:03:00 AM
Chlorobenzene	υ	1.0		μg/L	1	5/19/2006 10:03:00 AM
Chloroethane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Chloroform	υ	1.0		μg/L	1	5/19/2006 10:03:00 AM
Chloromethane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
cis-1,2-Dichloroethene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
cis-1,3-Dichloropropene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Dibromochloromethane	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Dichlorodifluoromethane	Ü	1.0		µg/L	1	5/19/2006 10:03:00 AM
Ethylbenzene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
m,p-Xylene	U	2.0		μg/L	1	5/19/2006 10:03:00 AM
Methyl tert-butyl ether	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Methylene chloride	16	1.0	В	μg/L	1	5/19/2006 10:03:00 AM
o-Xylene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Styrene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
Tetrachloroethene	1.8	1.0		μg/L	1	5/19/2006 10:03:00 AM
Toluene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
trans-1,2-Dichloroethene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM
trans-1,3-Dichloropropene	U	1.0		μg/L	1	5/19/2006 10:03:00 AM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605202

Project: Claremont

Lab ID: 0605202-01A

Date: 19-May-06

Client Sample ID: EW11D/295/-135

Tag Number: 9630

Collection Date: 5/19/2006 9:07:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030/	4	Analyst: MMR
Trichloroethene	4.6	1.0	μg/L	1	5/19/2006 10:03:00 AM
Vinyl chloride	U	1.0	µg/L	1	5/19/2006 10:03:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

APPENDIX I

Well Development Logs

Well Dev	elopmen	t Log						
	•	nemical Sup	perfund Site	e				
Date		1/13/2006						
Well ID		EW-2D						
Developed	bv	Boart/Longyea	ar. CAH					
Static DTW	-	93.21	, -					
Total well d	,			Well Dia (in)	2.5			
3 well volun		131		Gal/ft	0.21			
3x Drill water	er used	225						
Minimum p	urge vol	356						
Purge Start	_	1338	1400					
Purge End		1348	1705					
Flow Rate (gal/min)		1@1655					
Purge Vol (, ,							
Method	94.7	pumped with 2	2" Grundfos pu	ımp throughou	ıt screened	interval. no	suraina	
WQ Meter		Horiba U-22 (s	·	,				
Comments		45° fog	,					
		@1800 receiv	ed approval fro	om USACE to	stop develo	pment insi	oite of turb	iditv
		being greater	• •			<u> </u>		
Time	DTW	рН	Con	Tur	DO	Temp	ORP	
5 min	ft bgs	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1342	94.87							
1411	94.70							
1620	94.23	5.76	0.143	178	5.16	14.12	-169	
1625		5.91	0.14	155		14.16	-157	
1630	94.10	5.92	0.14	71.2		14.13	-156	
1635	94.08	5.88	0.139	91.4		14.13	-147	
1640		5.89	0.139	101	4.56	14.15	-144	
1645		5.87	0.139	138		14.14	-140	
1655		5.86	0.138	79.7	4.82	13.74	-131	
1700		5.85	0.137	95.8		13.76	-131	
1705		5.89	0.138	112	4.71	13.68	-132	
Test pumpe	ed on 5/16/2	2006 with dedic	ated bladder p	oump after red	levelopment			
		60 psi, Flow R	•	•				
Time				Tur				
730	Start purgir	ng						
748				58.2				
750				62.9				
755				77.6				
800				72				
805				34.7				
810				17.2				
815				37.4				
820				8				
825				7.13				

Monitoring Well Sampling Field Record Claremont Polychemical Superfund Site

Date:	01-51	0-0lp		Sampler:	Q59		
Well Nur	mber/ID:	Ew-	20	· -			•
Depth of	f Weli (ft):			_Screen Depth	(ft);		
Pre-Purg	ge (Static) I	Depth to Wa					· · · · · · · · · · · · · · · · · · ·
Controlle	er Pump Pr	essure (psi)):		(Generally, 1/2 de	mile a 40 mass	
Controlle	er Charge T	Time (sec);		Controller Exh	aust Time (sec):	pui + 10 psi)	
	low Rate (n				(Generally 100 - 50		
		Depth to Wa			(Generally 100 - 20	oo mL/min)	
			and Field Monito	ring Dete			
Time	שוע	<u>pH</u>	Conductivity	Turbidity	DO	Temp	EL (ARE)
5 min	<u>ft</u>	± 0.1	± 0.020 mS/cm	<50 NTU	± 0.1 mg/L or 10%	± 0.5 °C	# 10 mV
0705 0720			<u> </u>	476.0			1 101110
<u> </u>	-		<u> </u>	121.0			
							
+							
						·	
·							
 -							
ollect a m	Alzina es						
olume pu	rged (gal <u>):</u>	reservatives		t; collect sample	e(s) when stabilization	on criteria an	e met.
	ite/Time;	_				· · · · · · · · · · · · · · · · · · ·	
	<u></u>						
omments	(e.g., weat	ther, proble	ms encountered, s	ample quality) <u>:</u>	dohu's secon	T WELL	0015/07
يحتكيمون	نه لود صل	دهديا باصل		مسمد	_ / JGNW	_	١
io - John	t seon	Left wei	e threaded n	libe stude	in well	Back From	A HONGE DE
			,	•			

Well Dev	elopmen	t Log						
Claremo	nt Polych	nemical Sup	erfund Sit	е				
Date		5/18, 5/19 & 5	/22					
Well ID		EW-4D						
Developed	•	Boart/Longyea	ar, CAH					
Static DTW	· • ·	95.7						
	epth (ft bgs	295		Well Dia (in)	2.5			
3 well volun	nes	126		Gal/ft	0.21			
3x Drill wate	er used	300						
Minimum pı	urge vol	426						
Purge Start		1335	800	1000				
Purge End		1420	910	1210				
Flow Rate (gal/min)	3	2.4	3.5				
Purge Vol (gal)	100	75	480	Total	655		
Method	·	pumped with 2	2" Grundfos pu	imp on5/18 an	d 5/19; 5/22	used airli	ft with J-tul	oe,
		surged and pu	•	•				,
WQ Meter		Horiba U-22 (s	site), turbidity I	Hach 2100 p				
Comments		5/18/06: 70° s	unny					
		pump failed af		/				
		5/19/06: 58° ra	ain					
		pump failed af	ter 70 min dev	/				
		5/22/06 sunny						
		using air lift w/						
		no room in cas	· · · · · · · · · · · · · · · · · · ·	re DTW				
		unable to use			ze DO			
Time	DTW	рН	Con	Tur	DO	Temp	ORP	
5 min	ft bgs	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1354	96.15			1000				
5/22/2006								
1022	na			206				
1043	moving up	1' @ 10 min		62				
1115				53				
1150	J-tube in m	iddle of screen	, after moving	throughout so	reened inte	rval		
1155		5.98	0.176		9.19	14.37	52	
1200		6.13	0.164	39.9	8.21	14.01	40	
1205	na	6.12	0.162	25.3	8.2	13.81	36	
1210		6.2	0.162	19.8	7.81	13.79	40	

Well Dev	elopmen	t Log					
	•		perfund S	ite			
Date		1/14/2006					
Well ID		EW-10C					
Developed I	by	Boart/Longy	ear, CAH				
Static DTW	(ft bgs)	93.48					
Total well de	epth (ft bgs	150		Well Dia (in)	2.5		
3 well volun	nes	36		Gal/ft	0.21		
3x Drill water	er used	225					
Minimum pu	ırge vol	261					
Purge Start		245					
Purge End		1620					
Flow Rate (gal/min)	3					
Purge Vol (gal)	275					
Method		pumped with	n 2" Grundfos	pump through	out screene	d interval,	no surging
WQ Meter		Horiba U-22	. ,				
Comments		55° overcas					
		rain starting	at 1550				
Time	DTW	pН	Con	Tur	DO	Temp	ORP
5 min	ft bgs	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
1456	93.93						
1501	93.94						
1517	93.92						
1540	93.94	5.22	0.253		7.59	15.19	123
1545		5.02	0.249		6.55	15.25	110
1550	93.94	4.95	0.249		6.39	15.29	95
1555		4.92	0.249		6.36	15.27	88
1600	93.94	4.90	0.248		6.34	15.26	86
1605		4.90	0.248		6.31	15.21	85
1610		4.88	0.251		6.24	15.26	85
1615	93.94	4.87	0.252		6.24	15.25	85
1620		4.86	0.251	19.6	6.21	15.15	86

Well Dev	elopmen	t Log								
Claremo	nt Polych	nemical Sup	perfund Sit	е						
		•								
Date		5/22/2006								
Well ID		EW-11D	V-11D							
Developed	by	Boart/Longyea	art/Longyear, CAH							
Static DTW	(ft bgs)	98.2								
Total well d	epth (ft bg:	280	280 Well Dia (in) 2.5							
3 well volur	nes	115	115 Gal/ft 0.21							
3x Drill wat	er used	300								
Minimum p	urge vol	415								
Purge Start		1405								
Purge End		1605								
Flow Rate ((gal/min)	4								
Purge Vol (gal)	470								
Method		used airlift with	n J-tube, surge	ed and pumpe	d throughou	it screened	interval			
WQ Meter		Horiba U-22 (s	site); Turbidity	Hach 2100P						
Comments		68° sunny, wir	ndy							
		using air lift w/	compressor							
		no room in cas	sing to measu	re DTW						
		unable to use	flow thru cell,	will not stabiliz	e DO					
Time	DTW	рН	Con	Tur	DO	Temp	ORP			
5 min	ft bgs	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV			
1540	na	5.37	0.621	5.53	8.61	15.14	83			
1545	na	5.96	0.584	12.3	7.18	14.74	28			
1550	na	6.07	0.634	3.76	8.19	14.84	22			
1555	na	6.09	0.645	1.07	6.89	14.72	28			
1600	na	6.14	0.647	1.46	8.57	14.72	29			

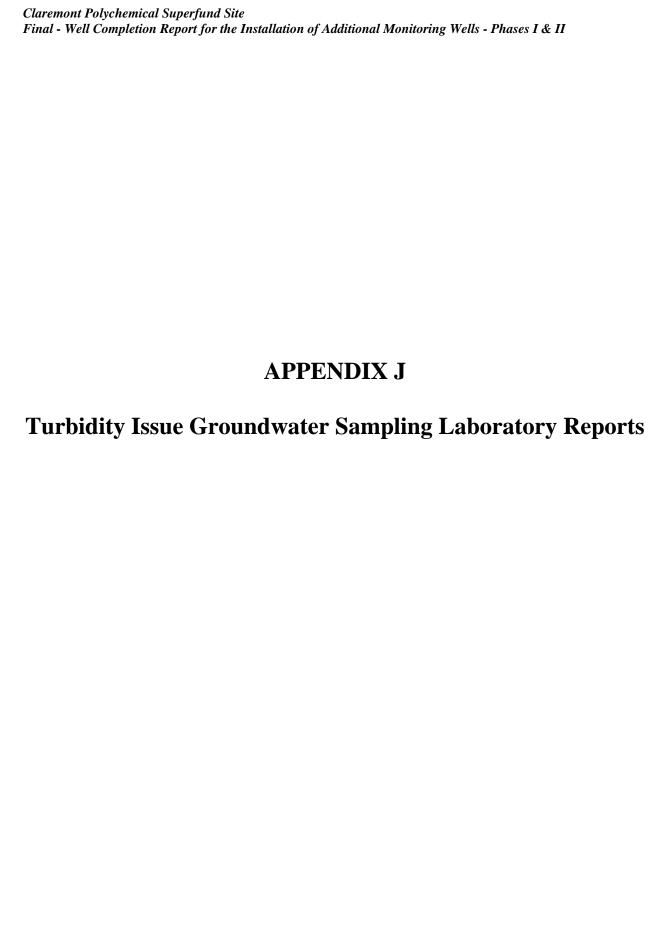
Well Deve	elopmen	t Log						
Claremor	nt Polych	emical Sup	erfund Site)				
		•						
Date		1/14/2006						
Well ID		EW-12D						
Developed b	bv	Boart/Longyea	ır. CAH					
Static DTW		99.05	.,					
Total well de	· • ·			Well Dia (in)	2.5			
3 well volum		76		Gal/ft	0.21			
3x Drill wate		225		- Cai, it	0.21			
Minimum pu		301						
Purge Start		1030						
Purge End		1330						
Flow Rate (nal/min)		1.3 @1220					
Purge Vol (g	·	450	1.0 @ 1220					
Method	yaı)		" Grundfoc nu	mn throughou	t corooned i	otoryal no	curaina	
WQ Meter		pumped with 2 Horiba U-22 (s		inp unougnou	t screened l	nerval, 110	surging	
		55° rain	oite)					
Comments			au thu:					
		offgassing in fl						
		interfering w/ t		00 400 NT				
		visual estimate						
		as per USACE		•				
		vol requiremer						
Time	DTW	рН	Con	Tur	DO	Temp	ORP	
5 min	ft bgs	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1040	120.20							
1045	119.75							
1050	119.17							
1223	106.53							
1225	106.42	5.7	0.842	98.1	10.16	15.29	32	
1230		5.81	0.843	151	10.18	15.27	-8	
1235	106.30	5.82	0.838	183	10.05	15.32	-12	
1240		5.83	0.832	176		15.3	-9	
1300	106.19	5.83	0.832	200	9.65	15.28	4	
1305		5.8	0.823	149	10.3	15.41	3	
1310		5.8	0.817	136	11.47	15.43	5	
1315	106.17	5.80	0.803	189		15.4	6	
1320		5.79	0.81	231	11.45	15.42	9	
1325	106.23	5.79	0.811	176		15.43	10	
1330		5.78	0.805	193	11.50	15.43	12	
		•		-				
1000								
	d on 5/16/2	006 with dedic	ated bladder p	ump after red	evelopment			
Test pumpe		006 with dedic			evelopment			
Test pumpe					evelopment			
Test pumpe Pump setting Time		15 psi, Flow R		in	evelopment			
Test pumpe Pump settin Time	gs: 47/13/1 Start purgir	15 psi, Flow R	ate: 150 mL/m	in				
Test pumpe Pump settin Time	gs: 47/13/1 Start purgir	15 psi, Flow Ra	ate: 150 mL/m	Tur				
Test pumpe Pump settin Time 848	gs: 47/13/1 Start purgir	15 psi, Flow Ra	ate: 150 mL/m	Tur 384				
Test pumpe Pump settin Time 848 905 910 915	gs: 47/13/1 Start purgir	15 psi, Flow Ra	ate: 150 mL/m	Tur 384 110 57.1				
Test pumpe Pump setting Time 848 905 910 915 920	gs: 47/13/1 Start purgir	15 psi, Flow Ra	ate: 150 mL/m	Tur 384 110 57.1				
Test pumper Pump setting Time 848 905 910 915 920 925	gs: 47/13/1 Start purgir	15 psi, Flow Ra	ate: 150 mL/m	384 110 57.1 37 26.1				
Test pumpe Pump setting Time 848 905 910 915 920 925 930	gs: 47/13/1 Start purgir	15 psi, Flow Ra	ate: 150 mL/m	384 110 57.1 37 26.1 20.4				
Test pumper Pump setting Time 848 905 910 915 920 925 930 935	gs: 47/13/1 Start purgir	15 psi, Flow Ra	ate: 150 mL/m	Tur 384 110 57.1 37 26.1 20.4 15.7				
Test pumper Pump setting Time 848 905 910 915 920 925 930 935 940	gs: 47/13/1 Start purgir	15 psi, Flow Rang ng ut pump and se	ate: 150 mL/m	384 110 57.1 37 26.1 20.4				

Monitoring Well Sampling Field Record Claremont Polychemical Superfund Site

Date:	4-25-6	26	_	Sampler:	الكال		.*
Well Nu	mber/iD:	EW-12	20			- - √	
		219		Screen Depth	(ft): 219	,	
Pre-Purç	ge (Static)	Depth to Wa	ter (ft):			· .	
Controlle	er Pump Pr	essure (psi)			_(Generally, 1/2 de	epth + 10 psi)	
Controlle	r Charge 1	Гіте (sec):		_Controller Exha	aust Time (sec):		,
Stable FI	ow Rate (r	nL/min):			_(Generally 100 - 5	i00 ml./min)	
Slable Pr	urge Flow	Depth to Wa	ter (ft):				
Stable W	ater Qual	ity Criteria :	and Field Monito	oring Data:			
Time	DTW	рH	Conductivity	Turbidity	DO I		
5 min	ft	± 0.1	± 0.020 mS/cm	<50 NTU	DO	Temp	Eh (ORP)
10:05		_		999.00	1.0.1 mg/L or 10%	± 0.5 °C	± 10 mV
1015	<u>:</u>			783.60			
10,30		-		10.7.00		· · · · · · · · · · · · · · · · · · ·	
10:45				176.00			,
11-12		_		105.0			
1115		-					
430				232.0			
1215	~.			175.0			
1230	$\overline{}$			230.0			-
1245				1340			
1300				204.0			_
1315			<u></u>	121.0	READERS IN BOS	F OF Plan	Cer
1330				4/2			
13.15				82.6			
1475		-		38.1			
				No kad wa si	uck to Bottom of	Well	
1450				173.0			
Collect a r	ninimum o	f 3 readings	five minutes and	113,0			_
		· • · • ddings,	me minutes abs	iri, collect sampli	e(s) when stabilizat	ion criteria are	e met.
Volume pu			in Gars				•
Sample Co	ontainers/F	reservatives	: None	·	<u>.</u>	_	
Sample Da	ite/Time:_	1	10 VIE				
Comments	(e.g., wea	ither, problei	ns encountered,	sample quality):	0 0630 - Temp to	4.) (A \QQIA	27 2
oto well	-\. 0915 F	DULLED PUN	DOUT UP WE	ELL Compress	WATER AT A		
10930	1200-1	70 Gale	of water i	3 As 0 + 11. 1	Sund	- August	marginal.
SUMP /	. אל המוו	-12 at Glad - 1	20/4/10-1-0	CAN TOTAL CONTRACT	JUMP / 1345.	16090157	to PLANT
\ , \ \ \			~~ (· · · · · · · · · · · · · · · · · ·	141~ Laur (1) 1) (Sump/1345.	1555 - BACK	. AT PLIANT
•	Бап	npie ivianage	er Approval/Signa	iture			-

Well Dev	elopmen	t Loa					
	-	nemical Sup	erfund Site	•			
Date		1/17/2006					
Well ID		EW-13D					
Developed	bv	Boart/Longyea	ar, CAH				
Static DTW	•	96.1	•				
Total well d		350		Well Dia (in)	2.5		
3 well volun		160		Gal/ft	0.21		
3x Drill water		225					
Minimum pu		385					
Purge Start	_	738					
Purge End		1038					
Flow Rate (gal/min)		3@ 1030				
Purge Vol (-	400					
Method	941)	pumped with 2	" Grundfos pu	mp throughou	t screened i	nterval no	surging
WQ Meter		Horiba U-22 (s		inp unougnou		ntorvai, no	ourging
Comments		20° sunny	,,,,,				
Commente		as per USACE	direction stor	oped dev after	3 hrs		
		vol requiremen		•		t tur	
Time	DTW	рН	Con	Tur	DO	Temp	ORP
5 min	ft bgs	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV
743	117.45	_ 0		100 1110	011 01 1070	_ 0.0 0	
750	116.03						
755	114.97						
819	113.23						
902	112.82						
950	115.21	5.37	0.193	429	8.7	14.24	-56
955	110.21	5.41	0.174	439	7.08	14.09	-76
1000	115.71	5.42	0.174	408	6.97	14.01	-79
1005	110.71	5.37	0.17	340	6.99	14.04	-72
1010	115.80	5.36	0.169	345	7.03	14.03	-70
1015	110.00	5.33	0.167	315	7.05	14.03	-65
1020	115.70	5.32	0.166	305	7.09	13.96	-63
1025	110.70	5.28	0.163	263	7.06	13.97	-55
1030	115.80	5.27	0.163	270		14.05	-54
1035	110.00	5.25	0.162	274	7.10	14.06	-48
1000		0.20	0.102	271	7.10	1 1.00	
Redevelope	ed on 5/22/2	2006 using airlif	t and surging				
Flow rate ~			· and carging				
Time	Gallons re	moved		Tur			
1015	130			233			
1124	270			139			
1139	300			78.1			
1150	340			65.1			
1217	450			44.1			
1224	480			56.5			
1229	500			40.4			
1234	515			38.7			
1239	530			39.1			
1200	550	1		00.1			

Well Dev	velopmen	ıt Log						
	-	nemical Sur	perfund Site	e				
Date		5/10/2006						
Well ID		EW-14D						
Developed	by	Boart/Longyea	ar, CAH,EVP					
Static DTW	•	39.7						
	lepth (ft bgs	195		Well Dia (in)	2.5			
3 well volur	mes	98		Gal/ft	0.21			
3x Drill wat	er used	300						
Minimum p	urge vol	398						
Purge Start 945								
Purge End		1407						
Flow Rate ((gal/min)	3.3						
Purge Vol (gal)	750						
Method		pumped with 2	2" Grundfos pu	ımp throughou	ut screened	interval, no	surging	
WQ Meter		Horiba U-22 (s	site),tur Hach 2	2100 p				
Comments		52° rain, wind	у					
		Stopped deve	lopment with to	urbidity >50 N	TUs in acco	rdance wit	h work plar	า
Time	DTW	рН	Con	Tur	DO	Temp	ORP	
5 min	ft bgs	± 0.1	±0.020 mS/cm	<50 NTU	0.1 or 10%	± 0.5 ℃	± 10 mV	
1002	44.40			999				
1020	42.10			999				
1050	42.24			999				
1245				292				
1315	41.50			197				
1348	_	5.79	0.141	133	9.17	12.51	0	
1356		5.79	0.137	131	6.09	12.42		
1401	41.45	5.78	0.136	124	5.82	12.43	-15	
1406	41.45	5.76	0.136	120	5.75	12.42	-13	
Redevelope		2006 using airli	ft and surging					
Time	Gallons re	moved		Tur				
1510	100			427				
		I		128				
1525	130							
1525 1615	260			87				
1525 1615 1620	260 280			64.8				
1525 1615 1620 1705	260			64.8 70.5				
1525 1615 1620	260 280			64.8				





NYSDOH NJDEP CTDOH PADEP 11418 NY050 PH-0205 68-00573

Monday, February 13, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allertown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont Poylchemical Superfund Site

Dear Richard Cronce:

Order No.: 0602021

American Analytical Laboratories, LLC. received 3 sample(s) on 2/1/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 13-Feb-06

CLIENT: Project: Lab Order:	Scientific Applications In Claremont Poylchemical 0602021		Work Order	Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0602021-01A	EW-2D	08535	1/31/2006 9:40:00 AM	2/1/2006
0602021-02A	EW-12D	08535	1/31/2006 12:15:00 PM	2/1/2006
0602021-03A	EW-7D	08535	1/31/2006 11:43:00 AM	2/1/2006

AMERICAN ANALYTICAL ABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC____08535

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

			Т		_	T	Т	T	T	T	T-	T	Т	T	 Г	T -		Т-		
NT NT	SAMPLE(S) YES / NO	CORRECT YES / NO		FOR	METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]				The state of the s						ATURE:	RUCTIONS		D NAME	MAST	PRINTED NAME
DOCUME	SAN SE/	100													COOLER TEMPERATURE:	COMMENTS / INSTRUCTIONS		TE 2//06 PRINTE	TIME PUTST	
/ REQUEST FOR ANALYSIS DOCUMENT	SAMPLER (SIGNATURE)	SAMPLER NAME (PRINT) HARS HARE		Jan VO) Whi		× ×	w -								<u> </u>	STAT □ BY / /	RECEIVED BY LAB (SIGNATURE) DA	₹ Jessi	RECEIVED BY LAB (SIGNATURE) DA
QUEST F(dws 2	-		1		3	•∕0	3									NORMAK	RECEIVED BY	F. R.	RECEIVED BY
TODY / RE	CONTACT. DICK CRONCE	100		1 Spec Sund 3, he	SAMPLE # - LOCATION	to EW-2D	5 EW-120		A PARTY OF THE PAR						7.77.200	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL G=GRAB; C=COMPOSITE, SS=SPLIT SPOON		PRINTED NAME	Ross Hibber	NAM
CHAIN OF CUSTODY	3			Portchemical	t. SAMPLING RS DATE/ TIME	1/31/06 9:40	1/3, low 12.15	Sh: 11 op/ 15/		To a service of the s						; A-AIR; W=WIPE; P=P/ S=SPLIT SPOON			TIME 12"55	DATE PR
CHAIN	ESS Bluf	4		- 1	MATRIX # CON.	7	4	ナール					· · · · · · · · · · · · · · · · · · ·			(S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; I		SIGNATURE)		S(GNATURE)
	SAIC AMENADRESS 6310 AMENADO	HAMisbuzg, PA	PROJECT LOCATION:	CLARETORY	LABORATORY ID#	C602021-01A	0602021-02A	0602021-03A							****	MATRIX S=SOIL; L=L TYPE G=GRAB; C		RELIMOUISHED BY (SIGNATURE)	17 × 1	RELINQÙISHED BY (S/GNATURE)

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735 TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value If the result is greater than or equal to the detection limit, report the value U Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required. J Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others. В Indicates the analyte was found in the blank as well as the sample report "10B". E Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis. D This flag identifies all compounds identified in an analysis at a secondary dilution factor. Р This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P". Ν This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs). where the identification is based on a mass spectral library search. It applies to all TIC results. For generic

Indicates sample was received and/or analyzed outside of The method allowable holding time

characterization of a TIC, such as chlorinated hydrocarbon,

the flag is not used.

Н

Date: 13-Feb-06

CLIENT: Scientific Applications International Corp.

Lab Order: 0602021

Project: Claremont Poylchemical Superfund Site

Lab ID: 0602021-01A **Date Received:** 2/1/2006

Client Sample ID: EW-2D

Tag Number: 08535

Collection Date: 1/31/2006 9:40:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
METALS - TOTAL		SW6010B	(SW30	10A)	Analyst: JP
Calcium	25.3	0.0250	mg/L	1	2/6/2006 3:37:05 PM
Magnesium	12.1	0.0200	mg/L	1	2/6/2006 3:37:05 PM
Sodium	62.4	0.0300	mg/L	1	2/6/2006 3:37:05 PM
ALKALINITY		M2320 B			Analyst: WN
Alkalinity, Bicarbonate (As CaCO3)	43.4	1.00	mg/L	1	2/10/2006
Alkalinity, Carbonate (As CaCO3)	43.4	1.00	mg/L	1	2/10/2006
Alkalinity, free carbon dioxide	2.18	1.00	mg/L	1	2/10/2006
Alkalinity, Hydroxide (As CaCO3)	U	1.00	mg/L	1	2/10/2006
m-Alkalinity	U	1.00	mg/L	1	2/10/2006
p-Alkalinity	U	1.00	mg/L	1	2/10/2006
CORROSIVITY(PH)		E150.1			Analyst: VP
рН	7.60	0	pH Units	1	2/1/2006
TOTAL DISSOLVED SOLIDS		E160.1			Analyst: VP
Total Dissolved Solids (Residue, Filterable)	160	1.00	mg/L	1	2/6/2006
TOTAL SUSPENDED SOLIDS Suspended Solids (Residue, Non-	3220	E160.2 1.00	mg/L	1	Analyst: VP 2/6/2006
Filterable)	3220	1.00	шуль	ı	21012000

_		
Oua	liti	iers

Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

U Indicates the compound was analyzed for but not detecte Page 1 of 3

Date: 13-Feb-06

CLIENT:

Scientific Applications International Corp.

Lab Order:

0602021

Claremont Poylchemical Superfund Site

Project: Lab ID:

0602021-02A

Date Received: 2/1/2006

Client Sample ID: EW-12D

Tag Number: 08535

Collection Date: 1/31/2006 12:15:00 PM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	ÐF	Date Analyzed
METALS - TOTAL		SW6010B	(SW30	10A)	Analyst: JP
Calcium	17.2	0.0250	mg/L	1	2/6/2006 4:06:37 PM
Magnesium	8.71	0.0200	mg/L	1	2/6/2006 4:06:37 PM
Sodium	98.8	0.0300	mg/L	1	2/6/2006 4:06:37 PM
ALKALINITY		M2320 B			Analyst: WN
Alkalinity, Bicarbonate (As CaCO3)	50.5	1.00	mg/L	1	2/10/2006
Alkalinity, Carbonate (As CaCO3)	50.5	1.00	mg/L	1	2/10/2006
Alkalinity, free carbon dioxide	1.92	1.00	mg/L	1	2/10/2006
Alkalinity, Hydroxide (As CaCO3)	U	1.00	mg/L	1	2/10/2006
m-Alkalinity	U	1.00	mg/L	1	2/10/2006
p-Alkalinity	U	1.00	mg/L	1	2/10/2006
CORROSIVITY(PH)		E150.1			Analyst: VP
pH	7.72	0	pH Units	1	2/1/2006
TOTAL DISSOLVED SOLIDS		E160.1			Analyst: VP
Total Dissolved Solids (Residue, Filterable)	340	1.00	mg/L	1	2/6/2006
TOTAL SUSPENDED SOLIDS	2252	E160.2	0		Analyst: VP
Suspended Solids (Residue, Non- Filterable)	2350	1.00	mg/L	1	2/6/2006

Qualifiers:

Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Indicates the compound was analyzed for but not detecte Page 2 of 3

CLIENT: Scientific Applications International Corp.

Lab Order: Project:

Lab ID:

0602021

0602021-03A

Claremont Poylchemical Superfund Site

Date Received: 2/1/2006

Date: 13-Feb-06

Client Sample ID: EW-7D

Tag Number: 08535

Collection Date: 1/31/2006 11:43:00 AM

Matrix: LIQUID

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
METALS - TOTAL		SW6010B	(SW30	10A)	Analyst: JP
Calcium	3.94	0.0250	mg/L	1	2/6/2006 4:08:41 PM
Magnesium	1.48	0.0200	mg/L	1	2/6/2006 4:08:41 PM
Sodium	7.96	0.0300	mg/L	1	2/6/2006 4:08:41 PM
ALKALINITY		M2320 B			Analyst: WN
Alkalinity, Bicarbonate (As CaCO3)	U	1.00	mg/L	1	2/10/2006
Alkalinity, Carbonate (As CaCO3)	U	1.00	mg/L	1	2/10/2006
Alkalinity, free carbon dioxide	υ	1.00	mg/L	1	2/10/2006
Alkalinity, Hydroxide (As CaCO3)	U	1.00	mg/L	1	2/10/2006
m-Alkalinity	U	1.00	mg/L	1	2/10/2006
p-Alkalinity	U	1.00	mg/L	1	2/10/2006
CORROSIVITY(PH)		E150.1			Analyst: VP
pH	4.95	0	pH Units	1	2/1/2006
TOTAL DISSOLVED SOLIDS		E160.1			Analyst: VP
Total Dissolved Solids (Residue, Filterable)	54.0	1.00	mg/L	1	2/6/2006
TOTAL SUSPENDED SOLIDS		E160.2			Analyst: VP
Suspended Solids (Residue, Non- Filterable)	30.0	1.00	mg/L	1	2/6/2006

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v	ua	ш	IU	3.

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - U Indicates the compound was analyzed for but not detecte Page 3 of 3





34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

Certificate of Analysis

March 16, 2006

Mr. Rodney Myers SAIC-Harrisburg 6310 Allentown Blvd. Harrisburg, PA 17112

Lab ID#: **9641342**

Page: 1 Of 5

Project Name: CLAREMONT POLYCHEMICAL - NY SITE PO#: 4400126194

Workorder ID: Miscellaneous Analysis

This report relates only to the sample(s) as received by the laboratory. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

A result of ND indicates that the analyte was Not Detected at the Reporting Detection Limit (RDL).

ALSI is a NELAC accredited laboratory. ALSI certifies that all applicable test results meet the requirements of NELAC. For an inventory of our NELAC accreditations and Scope of Work please visit our website at www.analyticallab.com or contact your Project Manager at (717)944-5541 for a complete listing.

Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan.

If you have any questions in reference to this laboratory report, please contact your ALSI project coordinator or the laboratory manager listed at the bottom of this report at 717-944-5541.

Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

The Chain-of-Custody document is included as part of this report.

ALSI's webpage contains links to water quality documents on the internet. Visit us at www.analyticallab.com.

All wastewater analyses comply with methodology requirements of 40 CFR Part 136. All drinking water analyses comply with methodology requirements of 40 CFR Part 141.

Note: This document is included as part of the Analytical Report and must be retained as a permanent record thereof.

Alan J. Lopez
Laboratory Manager

Man 1 Zossey





34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

Certificate of Analysis

March 16, 2006

Mr. Rodney Myers SAIC-Harrisburg 6310 Allentown Blvd. Harrisburg, PA 17112

Received: 03/03/06 09:25

Lab ID #: 9641342001

Discard: 03/30/06

Page: 2 Of 5

Project Name: CLAREMONT POLYCHEMICAL - NY SITE

PO#: 4400126194

Workorder ID: Miscellaneous Analysis

COC Number:

Sample ID: EW-7C Matrix: Ground Water

Date Collected: 03/01/06 15:10 Collected by: Mr. Ross Hibler

Analysis Parameter	Result	Units	RDL	Method	Completed	Prep Date	Ву	Cntr
LIGHT HYDROCARBON GASES								
Ethane	ND	ug/L	3.0	RSK 175	03/15/06 14:19	03/15/06	ELC	E
Ethene	ND	ug/L	3.0	RSK 175	03/15/06 14:19	03/15/06	ELC	E
Methane	ND	ug/L	1.0	RSK 175	03/15/06 14:19	03/15/06	ELC	E
WET CHEMISTRY								
Chloride	135	mg/L	2.0	EPA 300	03/03/06 10:35	03/03/06	H1M	A
Nitrate-N	4.70	mg/L	0.20	EPA 300	03/03/06 10:35	03/03/06	H1M	A
Nitrite-N	ND	mg/L	0.20	EPA 300	03/03/06 10:35	03/03/06	H1M	A
Sulfate	12.0	mg/L	1.0	EPA 300	03/04/06 18:57	03/04/06	MBW	
Sulfite ¹	ND	mg/L	2	EPA 377.1	03/04/06 05:15	03/04/06	SAD	D
METALS								
Manganese, Dissolved	0.410	mg/L	0.005	SW846 6010B	03/14/06 07:54	03/14/06	TED	В

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

Alan J. Lopez

^{1 -} This sample was received at the laboratory after the holding time for sulfite had expired.





34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

Certificate of Analysis

March 16, 2006

Mr. Rodney Myers SAIC-Harrisburg 6310 Allentown Blvd. Harrisburg, PA 17112

Received: 03/03/06 09:25 Discard: 03/30/06

Lab ID #: 9641342002

Page: 3 Of 5

Project Name: CLAREMONT POLYCHEMICAL - NY SITE PO#: 4400126194

Workorder ID: Miscellaneous Analysis COC Number:

Sample ID: EW-13D Matrix: Ground Water Date Collected: 03/01/06 10:20 Collected by: Mr. Ross Hibler

Analysis Parameter Prep Date By Cntr Result Units RDLMethod Completed WET CHEMISTRY Chloride 21.4 mg/L 1.0 EPA 300 03/04/06 15:39 03/04/06 MBW A

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

Alan J. Lopez





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Certificate of Analysis

March 16, 2006

Mr. Rodney Myers
SAIC-Harrisburg
6310 Allentown Blvd.

Sample ID: EW-2D

Received: 03/03/06 09:25 Discard: 03/30/06

Lab ID #: 9641342003

Harrisburg, PA 17112

Page: 4 Of 5

Project Name: CLAREMONT POLYCHEMICAL - NY SITE

PO#: 4400126194

Workorder ID: Miscellaneous Analysis

COC Number:

Matrix: Ground Water

Date Collected: 03/01/06 13:42

Collected by: Mr. Ross Hibler

Analysis Parameter	Result	Units	RDL	Method	Completed	Prep Date	Ву	Cntr
LIGHT HYDROCARBON GASES								
Ethane	ND	ug/L	3.0	RSK 175	03/15/06 13:49	03/15/06	ELC	E
Ethene	ND	ug/L	3.0	RSK 175	03/15/06 13:49	03/15/06	ELC	E
Methane	1.3	ug/L	1.0	RSK 175	03/15/06 13:49	03/15/06	ELC	E
WET CHEMISTRY								
Chloride	12.6	mg/L	2.0	EPA 300	03/03/06 10:07	03/03/06	H1M	A
Nitrate-N	3.48	mg/L	0.20	EPA 300	03/03/06 10:07	03/03/06	H1M	A
Nitrite-N	0.24	mg/L	0.20	EPA 300	03/03/06 10:07	03/03/06	H1M	A
Sulfate	1.2	mg/L	1.0	EPA 300	03/04/06 17:32	03/04/06	MBW	
Sulfite 1	ND	mg/L	2	EPA 377.1	03/04/06 05:15	03/04/06	SAD	D
METALS								
Manganese, Dissolved	0.068	mg/L	0.005	SW846 6010B	03/14/06 07:58	03/14/06	TED	В

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

Alan J. Lopez

^{1 -} This sample was received at the laboratory after the holding time for sulfite had expired.





34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

Certificate of Analysis

March 16, 2006

Mr. Rodney Myers SAIC-Harrisburg 6310 Allentown Blvd. Harrisburg, PA 17112

Discard: 03/30/06

Lab ID #: 9641342004

Page: 5 Of 5 PO#: 4400126194

Received: 03/03/06 09:25

Project Name: CLAREMONT POLYCHEMICAL - NY SITE

> COC Number: Miscellaneous Analysis

Workorder ID:

Sample ID: EW-12D Matrix: Ground Water Date Collected: 03/01/06 11:50 Collected by: Mr. Ross Hibler

Analysis Parameter	Result	Units	RDL	Method	Completed	Prep Date	Ву	Cntr
LIGHT HYDROCARBON GASES								
Ethane	ND	ug/L	3.0	RSK 175	03/15/06 14:03	03/15/06	ELC	E
Ethene	ND	ug/L	3.0	RSK 175	03/15/06 14:03	03/15/06	ELC	E
Methane	ND	ug/L	1.0	RSK 175	03/15/06 14:03	03/15/06	ELC	E
WET CHEMISTRY								
Chloride	124	mg/L	2.0	EPA 300	03/03/06 10:21	03/03/06	H1M	A
Nitrate-N	3.56	mg/L	0.20	EPA 300	03/03/06 10:21	03/03/06	H1M	A
Nitrite-N	0.62	mg/L	0.20	EPA 300	03/03/06 10:21	03/03/06	H1M	A
Sulfate	43.9	mg/L	2.0	EPA 300	03/03/06 10:21	03/03/06	H1M	A
Sulfite ¹	ND	mg/L	2	EPA 377.1	03/04/06 05:15	03/04/06	SAD	D
METALS								
Manganese, Dissolved	0.129	mg/L	0.005	SW846 6010B	03/14/06 08:03	03/14/06	TED	В

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

Alan J. Lopez

^{1 -} This sample was received at the laboratory after the holding time for sulfite had expired.

APPENDIX K

Waste Disposal Documentation (To be provided upon receipt)

APPENDIX K

Waste Disposal Documentation (To be provided upon receipt)

Date Print@d 05/31/06	and the second s	A. J	
() Chart kanna se this as a n	S WASTE PROFILE LOCATION OF GRIGINAL CHM MODEL	311661	Profile MDC VB7376
ENERAL INFORMATION General COM Name: CLAREMONT POLYCHEMICAL	Generator USEPA [D: NYD002044584	
2. Generator Address: 505 WINDING RD	Billing Address:	SCIENCE APPLICATIONS	IND COOK
	(_) Same	6310 ALLENTOWN BLVD	THIC CORP
OLD BETH PAGE NY 11804-1336		SOLO MECENTONIN BEAD	
Concact/Phone:		HARRISBURG	
Contact / Phone:	Billing Contact/Phone:	3444130000	PA 17112-3377
PROPERTIES AND COMPOSITION 5. Process Generating Waste: INSTALLATION OF GROUND			
6. Waste Marme: MON HAZARDOUS ORILL CUTTINGS	The state of the s	DISC TRAEST MATTUR.	
7A. Is this a USEPA hazardous waste (40 CFR Part 2) B. Identi fy ALL USEPA listed and characteristic w	aste code numbers (D.F.K.P.U):		
9 Charinal Case & Jos. A. G. V.		State Waste Codes: Same	as USEPA Codes
8. Physical State @ 70F: A. Solid(X) Liquid(_) Both	(_) Gas(_) B. Single Layer (X) !	fultilayer () C From	liq. range _0 to _5%
9A. pH: Range <u>5.0 to 9.0</u> or Not applicable (_)	B. Strong Odor (_):describe		
10.Liquid Flash Point: < 73F (_) 73-99F (_) 100-13	9F () 140-199F () >= 200F () M A (V) (II	
11. CHEMICAL COMPOSITION: List ALL constituents (in Constituents	cl. halogenated organics) prese	nt in any concentration	and forward analysis
INERTS	1112	.ac done bescript	ion
WE'T SOIL CUTTINGS - SAND, SILT & CLAY	95 t		
DEBRIS			
PLASTIC			The state of the s
ACETONE		5 2	
TRICHLOROETHENE		110 PPB	
TOTAL COMPOSITION (MOST EQUAL OR EXCEED 100%):		110 000000	See attach
12. OTHER: PCBs if yes, concentration Redirective (_) Benzene if yes, concentration Carcinogen (_) Infectious (_) Other 13. If waste subject to the land bac & weeks teaching	ppm, PCBs regulated by 40 CFF ctionppm. NESH	761 (_). Pyrophoric (AP (_) Shock Sensitive	(_) Explosive (_) (_) Oxidizer (_)
13. If weste subject to the land ban & meets treatmen	n standards, check here: _ & su	pply analytical results	where applicable.
SHIPPING INFORMATION 14. PACKAGING: Bulk Solid (_) Bulk Liquid () Orum	(X) Type/Size: Dates	Out	The second secon
15. ANTICIPATED ANNUAL VOLUME: 30 Units: GRU	MS Shipping F	requency: YEAR	
SAMPLING INFORMATION 16a. Sample source (drum, lagoon, pond, tank, vat. etc. Date Sampled: Sample Name/Company			ing Mumber: 459080
Date Sampled: Sampler's Name/Company:			
165. Generator's Agent Supervising Sampling:	17.	(X) No sample required	(See Instructions)
ELERAIOR'S CERTIFICATION oursely certify that all information submitted in thi is waste. Any sample submitted is representative as event information regarding known or suspected haze i to obtain a sample from any waste shipment for pur	s and all attached documents co defined in 40 CFR 261 - Appending rds in the possession of the ga poses of recentification		
Signature on original profile VB7376		PROJECT MANAGER	24414004
organicum.	SHEMEN BIAN Name	and litle	12/14/14 Date

EF	A. US EPA HAZARDOUS WASTE CODE(S)	B. SUBCATEGOR	description		C. APP	D. HOW MUST THE WASTE BE		
ė		if not applicab simply check no	ne ne	BA BA	RMANCE- SED: applicable	SPECIFIED TECHNOLOGY: If applicable enter the 40 CFR 268.42	MANAGED? Enter letter	
		DESCRIPTION	NON) [268.43(a)	table 1 treatment code(s)	from below	
1								
2								
3								
4								
5								
5								
7								
81								
9				-				
1				-				
1								
t								
Ha	magement under	the land disposal restr	lations.	L		/ 199		
^.	WESTKICLED WE	STE REQUIRES TREATMENT						
		STE TREATED TO 268.40 S						
		ALYTICAL CERTIFICATION I			:S			
		ED WASTE REQUIRES TREATM						
		STES TREATED TO ALTERNAT						
		STES TREATED TO ALTERNAT		ANDARD .				
).		STE SUBJECT TO A VARIANC						
		STE CAN BE LAND DISPOSED			MENT			
		SUBJECT TO LAND DISPOSA						
Di	ecific Gravity R	ci) or debris? No: _ Kange: to	Yes, Soil	: _ Yes	. Debris: _			
	licate the range							
		Lo	Units		/ Fare .			
		to				al. amenable, etc.)		
yo		24		1 11570	TOTAL BARRY	i smeaniale et :		

18. This is a Monwastewater.

25. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS OR INCIMERATION		26. RECLAMATION, FUELS or INCINERATION PARAMETERS (Provide if information is available)
TOTAL		RANGE
Beryllium as Be	ppm	
Potassiemi as K		A. Heat Value (Btu/lb):
Soditum as Na		
Browing as Br		C. Viscosity (cps): F 100 F 150 F 0. Ash: %
Chlorine as Cl		
Fluorine as i		E. Settleable solids:
Sulfur as S		F. Vapor Pressure @ STP (mm/Hg):
		G. Is this waste a pumpable liquid? Yes _ No _
		H. Can this waste be heated to improve flow? Yes _ No _
		i. is this waste soluble in water? Yes _ No _
		J. Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? Yes _ No _
27. TRANSPORTATION INFORMATION		
A. Is this a DOT Hazardous Material? Yes _ No X		
B. Proper Shipping Name NON-RE	OI ! 1755	
NUN-NET	GULATED MAT	EKIAL
and Additional Description if required:		
C. DOT Regulations: Hazard Class:	:	I D. Packing Com-
D. CERCLA Reportable Quantity (RQ) and units (Lb. K	(a):	1.6. Packing Group:
E. Mon-Bulk code Bulk code		
F. Special Provisions		
G. Labels Required		
28. SPECIAL HANDLING INFORMATION		
Material Safety Data Sheets Aktached		
29. OTHER INFORMATION		
27. August Lin Grant LON		

CHEMICAL WASTE MANAGEMENT CERTIFICATION

Chemical Waste Management. Inc. has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

ATTACHMENT 2		
CHEMICAL COMPOSITION: Additional constituents NOT in Constituents	ncluded on page 1 of the Waste Pro Range Unit Descripti	ofile ion
-1.2-DICH-LOROETHENE	14 to	14 PPB
NETHYLENE CHAORIDE	16 to	16 PPB
TETRACHLOROE THENE	15 to	15 PPB
WATER	0 to	5 %

MDC V87376

May 31, 2006

CATHY HUSS SCIENCE APPLICATIONS INTL CORP 6310 ALLENTOWN BLVD HARRISBURG, PA 17112-3377

Re: Confirmation Number 5610888

Attention: CATHY HUSS

We are pleased to confirm CWH's approval of your waste material as described below. The attached profile for the waste materials was prepared by CMM based upon information provided by you. It is important that no changes be made to the profile without CWM's consent. If the profile meets with your approval, please call 1-716-754-8231 to schedule shipment of your waste materials.

CMM Profile Number:

VB7376

MDC

Approved Mgmt. Facility: CWM MODEL CITY FACILITY

or another CWM or CWM approved facility

Waste Name:

NON HAZARDOUS DRILL CUTTINGS

Disposal Method:

Subtitle C Landfill

Non Hazardous Stabilization & Subtitle C Landfill

Disposal Price:

\$60.00/55 gallon drum

Taxes:

Sales tax = 0.58% on transportation & disposal

Transportation Price:

\$65.00/55 gallon drum w/ \$450 minimum/trip (LTL) Fuel surcharge is Not Included in transportation pricing. (Subject to change - based on the price of diesel fuel at the time of the project)

Demurrage:

\$75.00/hour after 2 free hours loading

Pricing Conditions:

- Miscellaneous Charges:
 - Pallets 4 x drum price
 - Containers > 55 gal= 1.5 x drum price
 - Leaking drums # \$200/drum
- Surcharge for drums without profile marked on the drum \$20/each.
- Discrepant drum charge \$3/drum per day after

Re: Confirmation Number 5610888, CWMI Profile Number VB7376 MDC

14 days from notification.

- Drum resample fee ~ \$25/drum.

The disposal surcharge will apply when customer arranges own transportation. (Varies - based on the price of diesel fuel at the time of the project)

Profile Expiration Date: 5/31/08

Special Conditions:

- Waste profile sheet numbers must appear on shipping papers and drums.
- No demurrage will be paid by CWM Chemical Services. Inc. for delays at Model City for on-site acceptance procedures when generator/ customer arranges their own transportation.
- Drummed waste must be properly marked with the profile number and bear only the appropriate labeling under RCRA and/or DOT provisions.
- Any sorbants used to absorb free liquids or eliminate void space in drums must be non-biodegradeable.
- If material is shipped as non hazardous, appropriate non hazardous labels must be on drums, per Model City permit requirements.
- CWM Chemical Servies, L.L.C. (CWM) has all the necessary permits and licenses and is authorized for the management of the waste that has been characterized and identified by this profile. CWM has the capacity and will provide or assure that the ultimate disposal method specified on the hazardous waste manifest for this particular waste is followed.

Applicable state and local taxes are not included in these disposal prices. All wastes are priced as pxofiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by CWM upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if 'Signature on File' does not appear on the signature line of the Waste Profile Sheet, please sign and return it before scheduling your material.

Re: Confirmation Number 5610888, CWMI Profile Number VB7376 MDC

Carbone).

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

EILEEN M. CARBONE

Chemical Waste Management, Inc

4	Ā	MÓN-HAZARDOUS I Generator ID No.		2 Page 1 of 3	Emergency Respon	na Phone	I d Wheel Y			,,
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CWINI CHEMICAL SERVICES, LLC

1550 Balmer Road P.O. Box 200 Model City, NY 14107 (716) 754-8231 (716) 754-0211 Fax

CLAREMONT POLYCHEMICAL ATTN: ENVIRONMENTAL COMPLIANCE DEPT NYD002044584 505 WINDING RD OLD BETHPAGE NY 11804-1336

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CLAREMONT POLYCHEMICAL on 10/20/06 as described on Shipping Document number 0000101206 Sequence number 02.

Profile Number: VB7376 CWM Tracking ID: 8160975008 CWM Unit #: 1*0 thru 16*0 Disposal Date: 10/24/06

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and

licenses on the date listed above.

MICHAEL D MAHAR DISTRICT MANAGER Certificate # 298714

11/15/06

For questions please call our Customer Service Dept. at (800) 843-3604

APPENDIX L

Soil Cuttings Sampling Laboratory Report



NYSDOH NJDEP CTDOH PADEP

11418 NY050 PH-0205 68-00573

Thursday, May 11, 2006

Richard Cronce Scientific Applications International Corp. 6310 Allentown Boulevard Harrisburg, PA 17112

TEL: (717) 901-8852 FAX (717) 901-8105

RE: Claremont

Dear Richard Cronce:

Order No.: 0605109

American Analytical Laboratories, LLC. received 1 sample(s) on 5/10/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lab Director

Date: 11-May-06

CLIENT: Scientific Applications International Corp.

Project: Claremont

Lab Order: 0605109

Work Order Sample Summary

Lab Sample ID Client Sample ID Tag Number Date Collected Date Received

0605109-01A EW4D/195/-35.7 9655 5/10/2006 11:50:00 AM 5/10/2006

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 (631) 454-6100 • FAX (631) 454-8027

TAG # / COC_

11418 PH-0205 NY050 68-573 NYSDOH CTDOH NJDEP PADEP

	YES / NO	R(S) YES / NO	FOR METHANOL PRESERVED	SAMPLES [VOLATILE VIAL #]	9-					Æ:	SNOIL		/ when	11ston 10	AME	
MENT	SAMPLE(S) SEALED	CORRECT CONTAINER(S)			1 TC1					COOLER TEMPERATURE:	COMMENTS / INSTRUCTIONS	7	PRINTED NAME	1	PRINTED NAME	
S DOCUI					2 4 106					COOLER TI	COMMENT		9/	S/9/mil	DATE	TIME
CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT	SAMPLER (SIGNATURE)	SAMPLER NAME (PRINT)	SON DE CHAIRCORD		F Pun Lat						TURNAROUND REQUIRED:	ALO STATO BY /	RECEIVED BY LAB (SIGNATURE)	Control	RECEIVED BY LAB (SIGNATURE)	
JDY / REQUEST	,cT:			SAMPLE # - LOCATION	EW40/15/-35.7			, in the second		5 day 7A7	S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL TURN	NORMAL		C. Hiss		
F CUST	CONTACT		K.	SAMPLING DATE/ TIME	5-9-04/1150						-AIR; W=WIPE; P=PAIN	SPLIT SPOON	DATE O-OL PRIN		-	TIME
HAIN		•	Clare	MATRIX # CON-	0						ID; SL=SLUDGE; A	G=GRAB; C=COMPOSITE, SS=SPLIT SPOON			VATURE)	
	CLIENT NAME/ADDRESS	7 7 7	PROJECT LOCATION:	LABORATORY ID #	25/08-1AS	1000					MATRIX S=SOIL; L=LIQU	TYPE G=GRAB; C=C	RELINGUISHED BY (SIGI	C. Hus	RELINQUISHED BY (SIGNATURE)	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	 Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
В	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
Р	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

Indicates sample was received and/or analyzed outside of The method allowable holding time

Н

Date: 11-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW4D/195/-35.7

Lab Order:

0605109

Tag Number: 9655

Project:

Claremont

Collection Date: 5/10/2006 11:50:00 AM

Lab ID:

0605109-01A

Matrix: SOIL

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216			Analyst: PA
Percent Moisture	19.1	0	wt%	1	5/11/2006
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,1,1-Trichloroethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,1,2,2-Tetrachloroethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,1,2-Trichloroethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,1-Dichloroethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,1-Dichloroethene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,1-Dichloropropene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2,3-Trichlorobenzene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2,3-Trichloropropane	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2,4,5-Tetramethylbenzene	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2,4-Trichlorobenzene	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2,4-Trimethylbenzene	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2-Dibromo-3-chloropropane	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2-Dibromoethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2-Dichlorobenzene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2-Dichloroethane	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,2-Dichloropropane	U	5,9	µg/Kg-dry	1	5/11/2006 1:31:00 AM
1,3,5-Trimethylbenzene	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,3-Dichlorobenzene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,3-dichloropropane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
1,4-Dichlorobenzene	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
2,2-Dichloropropane	Ü	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
2-Butanone	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
2-Chloroethyl vinyl ether	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
2-Chlorotoluene	Ū	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
2-Hexanone	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
2-Propanol	U	59	μg/Kg-dry	1	5/11/2006 1:31:00 AM
4-Chlorotoluene	Ü	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
4-Isopropyltoluene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
4-Methyl-2-pentanone	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Acetone	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Acrolein	U	30	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Acrylonitrile	Ü	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Benzene	Ü	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Bromobenzene	υ	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Bromochloromethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Value above quantitation range E
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits S
- Value exceeds Maximum Contaminant Level

Date: 11-May-06

CLIENT:

Scientific Applications International Corp.

Client Sample ID: EW4D/195/-35.7

Lab Order:

0605109

Tag Number: 9655

Project:

Lab ID:

Claremont 0605109-01A

Collection Date: 5/10/2006 11:50:00 AM

Matrix: SOIL

Analyses	Result	Limit (Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW82	60B	SW503		Analyst: LDS
Bromodichloromethane	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Bromoform	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Bromomethane	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Carbon disulfide	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Carbon tetrachloride	Ü	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Chlorobenzene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Chlorodifluoromethane	U	5.9		μg/Kg-đry	1	5/11/2006 1:31:00 AM
Chloroethane	U	5.9		µg/Kg-dry	1	5/11/2006 1:31:00 AM
Chloroform	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Chloromethane	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
cis-1,2-Dichloroethene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
cis-1,3-Dichloropropene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Dibromochloromethane	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Dibromomethane	U	5.9		µg/Kg-dry	1	5/11/2006 1:31:00 AM
Dichlorodifluoromethane	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Diisopropyl ether	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Ethanol	U	30		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Ethyl acetate	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Ethylbenzene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Freon-114	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Hexachlorobutadiene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Isopropyl acetate	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Isopropylbenzene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
m,p-Xylene	U	12		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Methyl tert-butyl ether	บ	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Methylene chloride	37	5.9	В	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Naphthalene	υ	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
n-Butyl acetate	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
n-Butylbenzene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
n-Propyl acetate	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
n-Propylbenzene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
o-Xylene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
p-Diethylbenzene	IJ	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
p-Ethyltoluene	U	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
sec-Butylbenzene	Ū	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Styrene	Ü	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
t-Butyl alcohol	Ü	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
tert-Butylbenzene	Ü	5.9		μg/Kg-dry	1	5/11/2006 1:31:00 AM
Tetrachioroethene	2.8	5.9	J	μg/Kg-dry	1	5/11/2006 1:31:00 AM
retrachioroethene	2.0	5.5	J	µg/rtg-dry		3/11/2000 1.01.00 /NW

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- Not Detected at the Reporting Limit
- Indicates the compound was analyzed for but not detecte
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- Value exceeds Maximum Contaminant Level

CLIENT: Scientific Applications International Corp.

Lab Order: 0605109

Project: Claremont

Lab ID: 0605109-01A

Date: 11-May-06

Client Sample ID: EW4D/195/-35.7

Tag Number: 9655

Collection Date: 5/10/2006 11:50:00 AM

Matrix: SOIL

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B	SW5030A		Analyst: LDS
Toluene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
trans-1,2-Dichloroethene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
trans-1,3-Dichloropropene	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Trichloroethene	210	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Trichlorofluoromethane	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Vinyl acetate	U	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM
Vinyl chloride	Ŭ	5.9	μg/Kg-dry	1	5/11/2006 1:31:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detecte
- Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level