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Site Characterization Report
Former Ameron Facility
4635 Firestone Boulevard
South Gate, California

November 11, 2005
002-10311-00

Prepared for
Overton Moore Properties/South Gate LLC
c/o Hazard Management Consulting, Inc.
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November 11, 2005 002-10311-00

Ms. Jessy Fierro
California Environmental Protection Agency
Department of Toxic Substances Control
Southern California Region
Site Mitigation Cleanup and Operations Branch
1011 North Grandview Avenue
Glendale, California 91201

Subject: Site Characterization Report for the Former Ameron Facility, 4635 Firestone Boulevard, South Gate, California

Dear Ms. Fierro:

LFR Levine·Fricke (LFR) is pleased to present the attached Site Characterization Report for the above-referenced property. Overton Moore Properties/South Gate LLC (OMP) has entered into a voluntary cleanup agreement with the Department of Toxic Substances Control (DTSC). The scope of work performed for the site characterization was described in LFR's *Workplan in Support of Further Characterization as Part of Removal Action/Preliminary Environmental Assessment for the Former Ameron Facility* dated February 1, 2005 and LFR's *Addendum to the Removal Action Workplan/Preliminary Environmental Assessment, Former Ameron Facility* dated May 23, 2005. This site characterization was conducted in general accordance with the guidelines of the California Environmental Protection Agency (Cal/EPA) DTSC, as detailed in the *Preliminary Endangerment Assessment Guidance Manual* (January 1994, second printing June 1999).

Upon completion of your review, we would appreciate receipt of a "No Further Action" letter documenting your concurrence that the property would meet residential development standards. As previously discussed, it is anticipated that the Site will be sold and redeveloped as a community college campus. If you have any questions or require any clarifications regarding the PEA report, please contact either of the undersigned at (714) 444-0111.

Sincerely,

Jeffrey J. Inabinet
Project Scientist

Melissa C. Schuetz
Senior Geologist

Attachment

cc: Mark Cousineau, Hazard Management Consulting, Inc.
Timor Tecimer, Overton Moore Properties/South Gate LLC
Clifton McFarland, Esq., Gibson, Dunn & Crutcher

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CERTIFICATION

LFR Levine·Fricke has prepared this Site Characterization Report on behalf of Overton Moore Properties/South Gate LLC c/o Hazard Management Consulting, Inc., in a manner consistent with the level of care and skill ordinarily exercised by professional engineers, geologists, and environmental scientists. This assessment report was prepared under the supervision of and reviewed by the undersigned California Professional Engineer.

Jennifer S. Rothman, P.E. Date
Senior Associate Engineer

* A professional engineer's certification of conditions comprises a declaration of his or her professional judgment. It does not constitute a warranty or guarantee, expressed or implied, nor does it relieve any other party of its responsibility to abide by contract documents, applicable codes, standards, regulations, and ordinances.

1.0 INTRODUCTION

On behalf of Overton Moore Properties/South Gate LLC (OMP), LFR Levine·Fricke (LFR) is submitting this Site Characterization Report addressing the overall environmental condition of the former Ameron facility located at 4635 Firestone Boulevard in the City of South Gate, County of Los Angeles, California (the Site; Figure 1). The Site is located approximately 1 mile west of the Long Beach Freeway (I-710), along Firestone Boulevard.

Background information used in the preparation of this report was obtained from Premier Environmental Services, Inc.'s (Premier) *Phase I Environmental Site Assessment* (ESA) report for the Site dated December 22, 2003, their *Phase II Soil Vapor, Soil, and Groundwater Investigation* report dated January 29, 2004, LFR's *Workplan in Support of Further Characterization as Part of Removal Action/Preliminary Environmental Assessment for the Former Ameron Facility* (workplan) dated February 1, 2005, LFR's *Addendum to the Removal Action Workplan/Preliminary Environmental Assessment, Former Ameron Facility* (workplan addendum) dated May 23, 2005, and DTSC comments dated June 27, 2005.

A site visit was conducted on December 17, 2004 to verify site conditions, scope of work, and accessibility concerns. The site visit was attended by Mr. Derrick Willis (LFR), Ms. Melissa Schuetz (LFR), Mr. Kirk Hopka (LFR), and Mr. Mark Cousineau (Hazard Management Consulting, Inc.). A project kick-off meeting was held at the Glendale office of the Department of Toxic Substances Control (DTSC) on March 10, 2005, and a follow-up site visit was held on March 17, 2005 with DTSC personnel. On April 11, 2005, DTSC gave approval to Mr. Mark Cousineau of Hazard Management Consulting, Inc. to implement the additional characterization scope of work outlined in the workplan dated February 1, 2005. This additional characterization investigation was conducted on April 25, 2005. The results of the additional characterization were presented in the workplan addendum dated May 23, 2005. DTSC comments dated June 27, 2005 to the workplan addendum were incorporated into the work performed.

OMP has entered into a voluntary cleanup agreement with DTSC. The work described herein was conducted in accordance with the DTSC guidance manual for evaluation of hazardous substance release sites entitled *Preliminary Endangerment Assessment Guidance Manual, State of California, Environmental Protection Agency* (DTSC 1994, Second Printing 1999). Pursuant to the Health and Safety Code Section 25355.5 (a) (1) (C), the activities conducted at the Site were performed under DTSC oversight. The scope of work followed during this investigation included tasks necessary to complete the field activities and reporting requirements in a manner that would help to progress the Site toward closure using residential standards (e.g., unrestricted use), namely issuance of a "No Further Action" determination by the DTSC.

1.1 Purpose

The purpose of this investigation is to identify whether a release of hazardous substances has occurred or the threat of a release exists at the Site, and evaluate the potential risk to human health or the environment prior to the DTSC issuing a "No Further Action" designation for the Site. The overall objectives of the investigation include:

- evaluating historical information regarding the past use, storage, disposal or release of hazardous wastes/substances at the Site
- conducting a field sampling and analysis program to establish the nature, concentration, and general extent of hazardous wastes/substances that may be present in the subsurface at the Site
- estimating the potential threat to public health and/or the environment posed by known hazardous constituents at the Site using a residential land-use scenario

2.0 SITE DESCRIPTION

Until recently, the former Ameron facility manufactured concrete forms for use at other Ameron plants. The approximately 28.5-acre Site is located at 4635 Firestone Boulevard in the City of South Gate, County of Los Angeles, California. The subject property is located approximately 1 mile west of the Long Beach Freeway (I-710) and the Los Angeles River on Firestone Boulevard. The site vicinity consists of mixed industrial, commercial, and residential usage.

The Site is bordered to the north by a Southern Pacific Railroad right-of-way, followed by the Los Angeles Chemical Company and the Rhone Poulenc Basic Chemicals Company. Commercial properties border the Site to the south, including a former Arco service station near the southeast corner of the subject property, followed by Firestone Boulevard, beyond which are additional commercial properties. Numerous commercial and industrial properties border the Site to the east and west.

The Site is owned by OMP and, until recently, was operated by Ameron International, Inc. (Ameron). The Site has historically been utilized as a concrete pipe and form manufacturing facility. Fourteen structures for industrial and commercial use were recently demolished at the Site. According to a previous Phase II subsurface investigation report for the Site (Premier, 2004), Ameron manufacturing operations were limited to the three large structures historically located on the western portion of the property. These structures are identified as the Machine Shop, the Maintenance Building, and the Fabrication Building. The remaining site structures were either utilized for the storage of old equipment/materials or were vacant. Equipment in the Machine Shop and the Fabrication Building consisted of large metal cutting, drilling, welding, and bending machinery.

Various railroad spurs were located within the Site. All spurs connected with the main spur that was historically located in the north central portion of the Site. The main spur entered the Site from the northwestern corner of the property.

2.1 Site Geology/Hydrology

Previous investigations indicate that the Site is located in the Los Angeles Forebay Area of the Central Basin. Recent alluvium, the San Pedro Formation, and the Lakewood formation comprise the sediments of the Los Angeles Forebay Area. The recent alluvium in the area of the Site is found on the Downey Plain, which is approximately 150 feet thick, and consists of the Bellflower aquiclude and the Gaspur aquifer. The Bellflower aquiclude is reported to be approximately 60 feet thick and consists of silts and clays. The Gaspur aquifer reportedly consists mainly of sand and gravel with limited clay, and extends from approximately 75 to 150 feet below ground surface (bgs) in the area of the Site.

The deepest soil/soil gas borings at the Site were advanced to 20 feet bgs by Premier during their previous investigation. The deepest grab groundwater sample borings were advanced to 60 feet bgs. During Premier's previous investigation activities, soils beneath the Site, as observed from borings and temporary monitoring wells installed throughout the property, generally consisted of the following:

- from ground surface to approximately 20 feet bgs, the soil is very fine to fine sands and silty sand
- from approximately 20 to 30 feet bgs, the soil is composed primarily of silt with some intercalated clays and sands
- from approximately 30 to 45 feet bgs, the soil is very fine to fine sand
- from approximately 45 to 55 feet bgs, the soil is composed of very fine silty sands and silt
- from approximately 55 to 60 feet bgs, the soil is wet to saturated silty fine sand, with clay seams in some locations; this represents the zone where Premier first encountered groundwater

Based on information from investigations at surrounding properties (Premier, December 22, 2003) and available public information, the depth to groundwater is estimated to be 45 to 50 feet bgs, and the groundwater flow direction is estimated to be to the north/northwest (Premier, 2004).

3.0 SITE HISTORY

Historical information contained in the Phase I ESA report indicates that the Site was developed as early as 1928; however, there is some indication that facility operations may have begun as early as 1910. The previous business name for the Site was the

Western Concrete Pipe Company, and operations consisted of the manufacturing of concrete pipe and coatings for concrete pipe. The former Amercoat Building was constructed in the southeastern corner of the Site between 1943 and 1947. According to the previous Phase I ESA, historical blueprints indicate that at least 4 underground storage tanks (USTs) and 14 small rafter-supported aboveground storage tanks (ASTs) were located in the southeastern portion of this building. The facility name had changed to the American Pipe & Construction Company by 1950. Between 1951 and 1961, five ASTs were located in the north central portion of the Site. The 1975 city directory listing identifies the facility as "Ameron," and the configuration of the Site in 1976 is the same as the most recent configuration. In 1986, the western portion of the Ameron facility was sold and redeveloped into a business park.

The Site has been utilized as a concrete pipe/coating manufacturing facility since the development of the subject buildings. Spun concrete pipe fabrication ceased in 1991. The most recent facility operations, which included the manufacturing of joint bands, steel forms, and machine parts, were limited to the Fabrication Building, the Machine Shop, and the Maintenance Building. These parts were then used to support other Ameron facilities throughout the United States.

Based on the information (or lack of information) pertaining to recognized environmental conditions (RECs) or suspect environmental conditions identified in the January 2004 Phase I ESA, a comprehensive Phase II subsurface investigation was conducted in November-December 2004. The Phase II investigation consisted of soil vapor, soil, and groundwater sampling programs:

- A total of 93 borings were advanced as part of the soil vapor sampling program. Soil vapor samples were collected at depths of 10 and 20 feet bgs and were analyzed for volatile organic compounds (VOCs) and oxygenates using EPA Method 8260B.

- A total of 54 borings were advanced as part of the soil sampling program. Select soil samples were collected at depths of 1, 5, 10, and 20 feet bgs and were analyzed for total petroleum hydrocarbons with carbon chain distinction (TPH-cc), California Code of Regulations (CCR) metals, polychlorinated biphenyls (PCBs), and VOCs.

- A total of 14 temporary groundwater wells were installed at the Site as part of the groundwater sampling program. Grab groundwater samples were collected at the depth that groundwater was encountered. In addition, one of the two deep groundwater production wells formerly used by Ameron was sampled at two depth intervals. The first sample was collected from 45 feet bgs, the depth that groundwater was first encountered. The second production well sample was obtained at a depth of approximately 500 feet bgs.

Analytical results for this Phase II subsurface investigation are presented in the *Phase II Soil Vapor, Soil and Groundwater Investigation* report prepared by Premier. A PDF of this report was included as Attachment 1 in LFR's workplan dated

February 1, 2005. Previous environmental reports are provided in Appendix C in CD format.

In general, the Phase II investigation at the Site identified soil affected by petroleum hydrocarbons, VOCs, and/or metals in the western portion of the property. Analysis of a soil sample collected in the vicinity of an on-site transformer (T-2) resulted in no detectable PCB concentrations. Detected constituents included:

- TPH with a greater carbon chain length of C_{22} were detected at concentrations of up to 4,500 milligrams per kilogram (mg/kg) at the Service Garage, which was located on the southern portion of the Site. TPH-cc concentrations ranged from 11 to 4,750 mg/kg at 5 feet bgs. Concentrations of TPH in the C_5 to C_{22} carbon range were 250 mg/kg or lower.

- TPH with a greater carbon chain length of C_{22} were present at concentrations up to 2,180 mg/kg at the Machine Shop, which was located on the northwest portion of the Site. TPH-cc concentrations ranged from 12 to 2,346 mg/kg at depths ranging from 1 to 5 feet bgs. Concentrations of TPH in the C_5 to C_{22} carbon range were 166 mg/kg or lower.

- TPH with a greater carbon chain length of C_{22} were present at concentrations up to 80,000 mg/kg at the Fabrication Building, which was located at the northwestern corner of the Site. TPH-cc concentrations ranged from 13 to 84,120 mg/kg at depths ranging from 1 to 10 feet bgs. TPH between C_5 and C_{22} have been detected at concentrations up to 4,120 mg/kg.

- TPH with a greater carbon chain length of C_{22} were present at concentrations up to 4,180 mg/kg at the Railroad Spur, which ran from the northwest corner of the Site down towards the south central portion of the property. TPH-cc concentrations ranged from 204 to 4,994 mg/kg at depths ranging from 1 to 5 feet bgs. TPH between C_5 and C_{22} were present at concentrations of up to 760 mg/kg. Elevated concentrations of arsenic were also detected at two sampling locations along the railroad spur. Arsenic was present at concentrations up to 82 mg/kg at 1 foot bgs and 40 mg/kg at 5 feet bgs.

- TPH with a greater carbon chain length of C_{22} were present at concentrations up to 5,200 mg/kg at the former ASTs, which were centrally located on the northern portion of the Site. TPH-cc concentrations ranged from 95 to 6,293 mg/kg at depths ranging from 1 to 5 feet bgs. TPH between C_5 and C_{22} were present at concentrations up to 1,093 mg/kg.

- TPH with a greater carbon chain length of C_{22} were present at concentrations up to 23,800 mg/kg at the Stripping Building, which was centrally located at the Site. TPH-cc concentrations ranged from 34,320 to 40,400 mg/kg at 1 and 5 feet bgs, respectively. TPH between C_5 and C_{22} were present at concentrations up to 13,920 mg/kg. In addition, concentrations of 1,2,4-trimethylbenzene (6.3 mg/kg), 1,3,5-trimethylbenzene (2.1 mg/kg), 4-isopropyltoluene (0.66 mg/kg),

ethylbenzene (2.1 mg/kg), xylenes (18.1 mg/kg), n-butylbenzene (1.0 mg/kg), n-propylbenzene (0.51 mg/kg), sec-butylbenzene (0.43 mg/kg), and toluene (8.3 mg/kg) were detected at the Stripping Building.

- TPH with a greater carbon chain length of C_{22} were present at concentrations up to 3,700 mg/kg at the Cage Building, which was centrally located on the southern portion of the Site, east of the railroad spur. TPH-cc concentrations ranged from 86 to 3,950 mg/kg at 1 and 3.75 feet bgs, respectively. TPH between C_5 and C_{22} were present at concentrations up to 250 mg/kg.

Based on analytical results from the previous Phase II subsurface investigation, further assessment was needed to refine the volume estimate for removal efforts. The scope of work for this additional characterization investigation was provided in LFR's workplan addendum dated May 23, 2005. Prior to field activities, all proposed soil sampling activities were discussed with the DTSC and verbal approval was obtained.

4.0 POTENTIAL ISSUES

Based on past known uses of the subject property, the potential exists for detectable concentrations of chemicals of potential concern (COPCs) to be present in soils at the Site. The COPCs addressed in this investigation included TPH, arsenic, and VOCs, based on the previous characterization efforts. Based on the results of previous site investigations, TPH was identified as a site-wide COPC, arsenic was identified as a COPC for the railroad area, and VOCs were identified as COPCs for the stripping building and former AST or UST locations.

If the sampling and analysis plan for the Site revealed COPC concentrations above laboratory method detection limits, a human health screening evaluation was performed, in accordance with the protocols detailed in the DTSC's PEA guidance manual.

5.0 FIELD SAMPLING

5.1 Introduction

LFR's sampling strategy was developed to evaluate the potential presence of the above-described COPCs by collecting and analyzing soil samples from discrete locations at the Site. Typically, conducting a site characterization involves obtaining soil, surface water, soil vapor, and/or groundwater samples from the subject property and background areas and submitting them for laboratory analysis. However, since samples of these media were collected during the previous Phase II investigation, only soil sampling has been identified for the purpose of this assessment. The impacted material was excavated and removed from the Site, and confirmation soil samples were collected for analysis. Once the analytical results were obtained, the data were

evaluated and a risk assessment was performed using a residential scenario. For the purposes of this evaluation, risks from the residential receptor scenario will be calculated. However, it should be noted that the intended future use may be retail, which could include a community college campus.

5.2 Additional (Further) Characterization Investigation

LFR's proposed sampling approach for the additional investigation recommended at the Site is summarized in Table 1 of LFR's workplan and outlined below:

- Four soil borings were advanced to a depth of 5 feet bgs in the vicinity of the Railroad Spur. Soil samples were collected from these borings at 2.5 and 5 feet bgs. The 2.5-foot samples were analyzed for TPH-cc and arsenic on a standard turnaround time (TAT). The 5-foot samples were placed on hold pending analysis of the shallower samples.

- Four soil borings were advanced to a depth of 10 feet bgs in the vicinity of the Former ASTs. Soil samples were collected from these borings at 1, 5, and 10 feet bgs. The 1- and 5-foot samples were analyzed for TPH-cc on a standard TAT. The 10-foot samples were placed on hold pending analysis of the shallower samples.

- Four soil borings were advanced to a depth of 10 feet bgs in the vicinity of the Stripping Building. Soil samples were collected from these borings at 1, 5, and 10 feet bgs. The 1- and 5-foot samples were analyzed for TPH-cc and VOCs on a standard TAT. The 10-foot samples were placed on hold pending analysis of the shallower samples.

Selected soil samples were analyzed for TPH by EPA Method 8015M and for VOCs by EPA Method 8260B.

Analytical results for the additional characterization investigation are discussed in Section 6.2.3. The areas of impacted soil are presented on Figure 5 of LFR's workplan. LFR's field protocols for sampling are included in Appendix A of this PEA report. Additional characterization activities were conducted in accordance with LFR's workplan and workplan addendum, as well as comments received from DTSC.

Once these affected soils had been successfully delineated, excavation activities began at the Site.

5.3 Excavation Areas and Confirmation Sampling

Affected soil was transport off-site to a facility for recycling. The estimated soil volumes were based upon results of the PEA investigation (further characterization investigation), DTSC comments, and client direction. Excavated soil was segregated according to AQMD Rule 1166 protocols, stockpiled in one area of the Site and profiled for either potential re-use or off-site disposal.

An estimated 1,652 cubic yards (cy) of affected soil was anticipated to be excavated at the Site. Plant Reclamation Services, the excavation contractor, was directly contracted by Overton Moore Properties/South Gate LLC. LFR observed the excavation activities at the Site. Descriptions of the confirmation samples as well as analytical results are provided in Section 6 of this report.

Based on the locations of previous site activities, selected confirmation soil samples were analyzed for TPH-cc using EPA Method 8015M, VOCs using EPA Method 5035/8260B, and arsenic using EPA Method 6010B. Analytical results for the confirmation soil samples collected during the excavation activities are discussed in Section 6.2.4.

5.4 Quality Assurance/Quality Control Sampling

Quality assurance/quality control (QA/QC) samples were collected in accordance with the procedures and sampling frequency established in LFR's Field Protocols for Sampling (Appendix A). This included collection of duplicate samples.

QA/QC measures as specified in the PEA Guidance Manual were employed throughout the investigation and removal action. QA/QC measures and indicators included a review of the following:

- data completeness
- holding times
- blanks
- system monitoring compounds (surrogates)
- laboratory control standards
- matrix spike/matrix spike duplicates
- field duplicates/confirmation samples
- compound identification and quantification

The workplan required that approximately one field duplicate (or split) sample be collected for every 10 discrete samples. Such duplicates help evaluate the precision of analytical procedures and methods employed by the laboratory. For soil sampling, true soil duplicates cannot be collected. Instead, co-located samples are collected to best represent soil field duplicates. The co-located soil sample pairs for the additional characterization sampling event were DUP-1 and SBK-10, and DUP-2 and SBE-1. The co-located confirmation sample pairs for the soil removal event were DUP-1-063005 and FB-BOT-1-5, DUP-1-070105 and FAB-UST-EX-BOT-4-11, DUP-1-070505 and AST-W-EX-BOT-5, DUP-1-070605 and RR-EX-02-2, and DUP-2-070605 and RR-EX-05-2. Laboratory results are summarized in Section 6.0.

Del Mar Analytical of Irvine, California, was contracted for soil analyses. Additional confirmation samples were analyzed on-site via mobile laboratory by Jones Environmental. Del Mar Analytical and Jones Environmental are state-certified for the selected analytical methods.

5.5 Quality Assurance Project Plan and Health and Safety Plan

All applicable quality assurance and field safety requirements were followed. A Quality Assurance Project Plan (QAPP) was developed for the Site and is provided in Appendix C of LFR's workplan dated February 1, 2005. The project Health and Safety Plan (HSP) is provided as Appendix A of the same document.

6.0 SOIL REMOVAL

This section summarizes the scope of LFR's removal effort, which was performed in accordance with a scope of work described in LFR's workplan dated February 1, 2005, workplan addendum dated May 23, 2005, and DTSC comments dated June 27, 2005. Sampling locations are provided on Figures 3 through 12. Analytical results are provided on Tables 1 and 2.

6.1 Removal Scope of Work

The removal scope of work is summarized in Sections 5.2 and 5.3, and is described in detail in LFR's workplan dated February 1, 2005 and workplan addendum dated May 23, 2005. DTSC comments dated June 27, 2005 were also incorporated into the scope of work for the site characterization.

6.1.1 Variances to Scope of Work

During the site demolition activities conducted prior to the excavation activities at the Site, the demolition contractor was instructed to identify any potential "surprises" or unknown items if they were encountered under the direction of HMC. LFR was on call to respond to any unknown items that might be encountered. An unknown UST and an area of discolored soil were encountered in the vicinity of the Fabrication Building. Additional sampling was conducted in both areas. Results of this sampling are discussed in Section 6.2.3. Excavations were also planned at both areas. Results of the confirmation sampling conducted after the soil removal activities are discussed in Section 6.2.4.

Several excavation areas were also expanded based on observations made during removal activities:

- The Machine Shop excavation was expanded approximately 5 feet to the south and 5 feet to the west of the originally planned excavation boundary.

- The Fabrication Building excavation was expanded in two locations approximately 15 to 20 feet west of the originally planned excavation boundary.

- The excavation in the area of the discolored soil encountered near the Fabrication Building during the further characterization investigation was expanded approximately 7 feet to the south of the originally planned excavation boundary.

- The excavation in the area of the Fabrication Building UST that was encountered during the further characterization investigation was expanded approximately 12 feet to the north, 10 feet to the east, and 15 feet to the south of the originally planned excavation boundary.

Revised excavation boundaries are depicted on Figures 3 through 12.

There were no other variances to the approved scope of work.

6.2 Field Activities

The soil removal was conducted in accordance with LFR's workplan dated February 1, 2005 and workplan addendum dated May 23, 2005, which were approved by the DTSC. Sampling and excavation activities conducted at the Site were performed by PRS under the oversight of Mr. Brian White of LFR. Tables 1 and 2 present the analytical results. Figures 3 through 12 show further characterization sampling locations, excavation areas, confirmation sampling locations, and analytical results. Section 5.2 discusses the QA/QC sampling program, and Section 6.2.5 discusses the data validation program.

The field activities consisted of a further characterization investigation, soil removal activities, and a comprehensive confirmation sampling investigation. Soil removal activities were conducted under the protocols of AQMD Rule 1166. Prior to sampling activities, Dig Alert was notified and specific excavation/sampling locations were field cleared.

6.2.1 Preparation for Fieldwork/Public Notification

The former Ameron facility had been completely demolished prior to investigation and excavation activities. Therefore, it was not necessary to notify employees before field activities began at the Site. Since all investigation activities were conducted within the facility boundary, outside notification of activities was not warranted.

6.2.2 Health and Safety Plan Implementation

LFR implemented a *Health and Safety Plan for Investigation/Excavation Activities* to address hazards associated with implementing the proposed sampling plan. The HSP was prepared in accordance with Title 8 California Code of Regulations (CCR) 5192,

as well as other applicable federal, state, and local laws, regulations, and statutes, and addressed the following:

- identified and described potentially hazardous substances that may be encountered during field operations
- specified personal protective equipment and clothing for site activities
- outlined measures that were to be implemented in the event of an emergency

During fieldwork, appropriate Level D personal protective equipment (PPE) was worn by all personnel within the work area.

6.2.3 Additional (Further) Characterization Investigation

As directed by the DTSC, on April 25, 2005, LFR personnel collected 4 background soil samples and advanced 12 soil borings using a direct push (Geoprobe) rig at three areas of the Site (Railroad Spur, Former Aboveground Storage Tanks, and Stripping Building) for further characterization, as described in the LFR's workplan dated February 1, 2005. The purpose of the sampling was to respond to DTSC comments regarding the adequacy of characterization efforts. Two additional soil borings were drilled at the Fabrication Building, one in an area of discolored soil (DIS) and one near a former underground storage tank (FAB-UST). Twenty-eight soil samples and two duplicate samples were collected from depths of 1 to 20 feet bgs and analyzed for selected chemicals of concern including metals using EPA 6010/7000 series, VOCs using EPA Method 5035/8260B, and TPH-cc using EPA Method 8015 modified. Soil samples were collected in Encore samplers or acetate sleeves, and were labeled with the boring identification number, the time and date of sample collection, the analysis requested, and the name of the sampler. The samples were stored in a chilled ice chest and transmitted under chain-of-custody protocols to Associated Laboratories of Orange, California (a California-certified analytical laboratory) for chemical analysis. Lithologic logs are included as Attachment A of LFR's workplan dated February 1, 2005.

Results of Further Characterization Sampling Activities

Background Sampling: The four background samples were collected from areas of the Site that were not identified as areas of concern. The background samples were collected from the surface and analyzed for metals using EPA Method 6010/7000 series. Background sample locations and results are shown on Figure 2 of LFR's *Addendum to the Removal Action Workplan/Preliminary Environmental Assessment, Former Ameron Facility*, dated May 23, 2005. A copy of this document is included in Appendix C. Barium, beryllium, chromium, cobalt, copper, lead, molybdenum, nickel, silver, vanadium, and zinc were detected in at least one background sample at concentrations typical of southern California background metals concentrations.

Railroad Tracks: Four soil borings (SB-A, SB-B, SB-C, and SB-D) were advanced to depths of 5 feet bgs at the railroad tracks (Figure 3). SB-B was relocated approximately 45 feet north of the location shown in the workplan due to access constraints. Soil samples were collected at depths of 2.5 and 5 feet bgs. The 2.5-foot soil samples were analyzed for TPH-cc and arsenic using EPA Methods 8015 (modified) and 7196, respectively. TPH-cc and arsenic were not detected at concentrations above the laboratory's reporting limits.

Stripping Building: Four soil borings (SB-E, SB-F, SB-G, and SB-H) were advanced to depths of 10 feet bgs at the former Stripping Building (Figure 10). Soil samples were collected at 1, 5, and 10 feet bgs. The 1- and 5-foot soil samples were analyzed for TPH-cc using EPA Method 8015 modified and for VOCs using EPA Method 8260B. TPH and VOCs were not detected at concentrations above the laboratory's reporting limits in SB-E, SB-F, and SB-G. VOCs including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene (cumene), n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butylbenzene, toluene, and total xylenes were detected in the 1-foot soil sample collected from SB-H at concentrations ranging from 1,010 micrograms per kilogram (μg/kg) isopropylbenzene to 67,700 μg/kg 1,2,4-trimethylbenzene. 1,2,4-Trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes were detected in the 5-foot sample at concentrations of 6.7 μg/kg, 2.1 μg/kg, and 4.1 μg/kg, respectively. The 10-foot sample was analyzed for TPH and VOCs. TPH and VOCs were not detected at concentrations above laboratory reporting limits in the 10-foot sample.

***Former Aboveground Storage Tanks*:** Four soil borings (SB-I, SB-J, SB-K, and SB-L) were advanced to depths of 10 feet bgs in the area of the former ASTs (Figures 4 and 5). Soil samples were collected at 1, 5, and 10 feet bgs. The 1- and 5-foot soil samples were analyzed for TPH-cc using EPA Method 8015 modified. Soil samples were also analyzed for VOCs using EPA Method 8260B, as requested by DTSC in the March 10, 2005 kick-off meeting. TPH and VOCs were not detected at concentrations above the laboratory's reporting limits in soil samples collected from SB-I, SB-J, and SB-L or the 1-foot soil sample collected from SB-K. TPH (carbon chain C_{22}-C_{36}) was detected in the 5-foot soil sample collected from SB-K at a concentration of 90 mg/kg. The 10-foot soil sample was analyzed for TPH-cc. TPH was not detected at concentrations above laboratory reporting limits in the 10-foot soil sample.

***Fabrication Building*:** Two soil borings (DIS and FAB-UST) were advanced to depths of 10 to 20 feet bgs in the Fabrication Building area (Figure 8). Soil samples were collected at depths of 5 and 10 feet bgs from soil boring FAB-UST and at depths of 0.5, 10, 15, and 20 feet bgs from soil boring DIS. The soil samples were analyzed for TPH-cc using EPA Method 8015 modified and for VOCs using EPA Method 8260B. VOCs were not detected at concentrations above the laboratory's reporting limits in boring FAB-UST. TPH was detected in the 5-foot sample at concentrations ranging from 613 mg/kg to 16,700 mg/kg. TPH was detected at concentrations of 10 mg/kg (carbon chain C_6-C_{10}) and 6 mg/kg (carbon chain C_{10}-C_{22}) in the 10-foot soil sample. TPH (C_{22}-C_{36}) was detected in soil boring DIS at concentrations ranging from 17 mg/kg in the 20-foot sample to 33,700 mg/kg in the 0.5-foot sample. TPH (C_{10}-C_{22})

was detected in soil boring DIS at concentrations of 100 mg/kg in the 0.5-foot sample, 194 mg/kg in the 10-foot sample, and 59 mg/kg in the 15-foot sample. Carbon chain C_{10}-C_{22} was not detected in the 20-foot soil sample. Total xylenes were detected at a concentration of 6.8 mg/kg in the 0.5-foot soil sample collected from soil boring DIS. No other VOCs were detected in the soil samples collected from this boring.

Laboratory analytical results are summarized in Table 1, sample locations are depicted on Figures 2 through 6, and laboratory data sheets and chain-of-custody documents are presented in Attachment B of LFR's workplan dated February 1, 2005.

Quality Assurance/Quality Control

Two duplicate samples, DUP-1 (duplicate of SBK-10) and DUP-2 (duplicate of SBE-1), were collected and submitted to the analytical laboratory for analysis by the same analytical methods as the primary soil samples. TPH-cc and VOCs were not detected in the primary or duplicate soil samples analyzed.

Revisions to Proposed Removal Action Activities

The following revisions were proposed for the removal action activities outlined in the February 1, 2005 *Removal Action Workplan* submitted to DTSC.

***Railroad Tracks*:** No revisions to the proposed removal action activities.

***Stripping Building*:** Based on the data for SB-H, LFR proposed to move the eastern boundary of the proposed excavation 5 feet to the east. The revised estimated extent of excavation was 25 feet by 20 feet by 7 feet deep. The revised estimated excavation volume was approximately 130 cy. Two additional confirmation samples, for a total of five confirmation samples (bottom and sidewalls) at the Stripping Building, were collected and analyzed in accordance with the protocols outlined in the RAW/PEA dated February 1, 2005.

***Former Aboveground Storage Tanks*:** Based on the data for SB-K, LFR proposed moving the southern boundary of the eastern excavation approximately 10 feet to the south. The revised estimated extent of excavation was 35 feet by 60 feet by 7 feet deep. The revised estimated excavation volume was approximately 544 cy for the eastern excavation at the former ASTs. The 117 cy estimated for the western excavation did not change, for a total estimated volume of 661 cy for the AST area. Four additional confirmation samples were collected from the eastern excavation area and analyzed in accordance with the protocols outlined in the RAW/PEA dated February 1, 2005.

***Fabrication Building*:** Two additional areas at the Fabrication Building were proposed for excavation. An approximately 10-foot by 20-foot by 10-foot deep excavation around FAB-UST (approximately 75 cy) and an approximately 10-foot by 10-foot by 20-foot deep excavation around DIS (approximately 75 cy) were proposed to be included in the removal activities. Five confirmation samples were collected from each

excavation area (bottom and four sidewalls) and analyzed for TPH-cc and VOCs, in accordance with the protocols outlined in the RAW dated February 1, 2005.

In addition, confirmation sample locations and numbers were modified in accordance with DTSC's comment letter dated June 27, 2005.

6.2.4 Excavation Activities, Confirmation Sampling Activities, and Analytical Results

Prior to demolition activities, the locations of the site buildings, Premier borings (where identifiable), and LFR borings were input into a Global Positioning System (GPS) unit. The GPS coordinates were used to locate the excavation areas for future soil removal activities.

As required by law, Underground Services Alert was contacted to notify utilities that may have lines in the vicinity of the proposed excavation/boring locations. Confirmation samples were collected directly from the backhoe bucket. After collection, each sample was sealed, labeled, placed in an ice-chilled cooler, and transported to the analytical laboratory under strict chain-of-custody protocol.

Sampling equipment was rinsed with deionized water, washed with a laboratory-grade detergent, and rinsed again with deionized water before each use and at the end of each sampling day. Sampling activities were conducted under the supervision of a California Professional Geologist.

The initial excavation activities and confirmation sampling were performed at the Site between June 29 and July 7, 2005. Additional excavation and confirmation sampling was conducted on July 20, 2005. The following paragraphs discuss the excavation activities and confirmation sample analytical results by excavation area.

Railroad Excavation

Soil along the railroad spur was excavated to approximately 2 feet bgs. The railroad spur excavation measured approximately 1,280 feet in length and was approximately 2 feet wide. A total of approximately 233 cy of soil was removed from the railroad spur area. Seventeen confirmation samples (or one every 100 linear feet within the railroad) were collected and analyzed for TPH-cc and arsenic. All detected concentrations of TPH were at or below 100 mg/kg.

Elevated arsenic concentrations were detected at two sampling locations (68 mg/kg at RR-EX-09-2 and 43 mg/kg at RR-EX-12-2). Additional soil was removed from these two sampling locations on July 20, 2005. A total of approximately 4 cy of soil was removed from each area, and a confirmation sample was collected at the bottom (approximately 4 feet bgs) and from each sidewall of both excavations. Sample locations and detected analytical results are provided on Figure 3.

Detected concentrations of arsenic are evaluated for comparison to background levels (Section 7.0). Arsenic concentrations above background levels are included as COPCs and evaluated pursuant to DTSC guidance (Section 7.0).

Former AST Excavations

AST West: Soil at the AST West location was excavated to approximately 5 feet bgs. The AST West excavation measured approximately 30 feet by 15 feet. A total of approximately 22 cy of soil was removed from the AST West area and transported off-site for disposal. Unaffected excavated soils were segregated based on PID readings and remained on-site. Five confirmation samples (one from each sidewall and one from the bottom of the excavation) were collected and analyzed for TPH-cc and VOCs. Sidewall confirmation samples were collected from a depth of approximately 2 feet bgs.

No detectable concentrations of VOC analytes were reported in the samples obtained from the AST West excavation.

Elevated concentrations of TPH were detected in the samples collected from the south and east walls of the excavation. Specific TPH-cc concentrations are presented in Table 1 and shown on Figure 4. Additional soil was removed from these two sampling locations on July 20, 2005. A total of approximately 20 cy of soil was removed from each sidewall area, and a confirmation sample was collected from each sidewall at approximately 2 feet bgs. All detected TPH-cc concentrations in these two samples were below 100 mg/kg.

AST East: Soil at the AST East location was excavated to approximately 8 feet bgs. Based on field observations, soil in the northwest corner of the excavation was excavated to approximately 4 feet bgs. The AST East excavation measured approximately 25 feet by 60 feet. A total of approximately 108 cy of soil was removed from the AST East area and transported off-site for disposal. Unaffected excavated soils were segregated based on PID readings and remained on-site. Seven confirmation samples (one from each sidewall and three from the bottom of the excavation) were collected and analyzed for TPH-cc and VOCs. Sidewall confirmation samples were collected from the south and east sidewalls at a depth of approximately 2 feet bgs, and confirmation samples were collected from the north and west sidewalls at a depth of approximately 3 feet bgs. Bottom confirmation samples collected from the western portion of the excavation were collected at approximately 8 feet bgs, while the bottom confirmation sample collected from the eastern portion of the excavation was collected at approximately 4 feet bgs.

All detected concentrations of TPH were below 100 mg/kg. Specific TPH-cc concentrations are presented in Table 1 and shown on Figure 5.

Low concentrations of two VOC analytes (m,p-xylenes at 6.9 μg/kg and o-xylene at 2.0 μg/kg) were detected in the confirmation sample collected from the southern

sidewall (AST-E-EX-SW-2). As a result, these analytes were included as COPCs and evaluated pursuant to DTSC guidance.

Service Garage Excavation

Soil at the Service Garage Building was excavated to approximately 7 feet bgs. The Service Garage Building excavation measured approximately 20 feet by 18 feet. A total of approximately 30 cy of soil was removed from the Service Garage Building excavation and transported off-site for disposal. Unaffected excavated soils were segregated based on PID readings and remained on-site. Five confirmation samples (one from each sidewall and one from the bottom of the excavation) were collected and analyzed for TPH-cc. Sidewall confirmation samples were collected from a depth of approximately 3 feet bgs.

No detectable concentrations of TPH were reported in the samples obtained from the Service Garage Building excavation. Sampling locations are shown on Figure 6.

Machine Shop Excavation

Soil at the Machine Shop location was excavated to approximately 6 feet bgs. The Machine Shop excavation measured approximately 25 feet by 25 feet. A total of approximately 96 cy of soil was removed from the Machine Shop excavation and transported off-site for disposal. Unaffected excavated soils were segregated based on PID readings and remained on-site. Five confirmation samples (one from each sidewall and one from the bottom of the excavation) were collected and analyzed for TPH-cc. Sidewall confirmation samples were collected at a depth of approximately 4 feet bgs, with the exception of the sample collected from the western sidewall, which was collected at approximately 5 feet bgs.

Elevated concentrations of TPH were detected in the samples collected from the western and southern walls of the excavation. Specific TPH-cc concentrations are presented in Table 1 and shown on Figure 7. Additional soil was removed from these two sampling locations on July 20, 2005. A total of approximately 11 cy of soil was removed from each sidewall area, and a confirmation sample was collected from the sidewall at approximately 4 feet bgs. All TPH-cc concentrations detected in these two samples were below 100 mg/kg.

Fabrication Building Excavation

Soil at the Fabrication Building location was excavated to approximately 5 feet bgs. The Fabrication Building excavation measured approximately 25 feet by 50 feet. Based on field observations, additional soil was removed on the western side of the proposed excavation area. A total of approximately 232 cy of soil was removed from the Fabrication Building excavation and transported off-site for disposal. Unaffected excavated soils were segregated based on PID readings and remained on-site. Seven

confirmation samples (one from each sidewall and three from the bottom of the excavation) were collected and analyzed for TPH-cc. Sidewall confirmation samples were collected at a depth of approximately 3 feet bgs.

All detected TPH concentrations were below 100 mg/kg. Specific TPH-cc concentrations are presented in Table 1 and shown on Figure 8.

Cage Building Excavation

Soil at the Cage Building location was excavated to approximately 12 feet bgs. The Cage Building excavation measured approximately 10 feet by 10 feet. A total of approximately 28 cy of soil was removed from the Cage Building excavation and transported off-site for disposal. Unaffected excavated soils were segregated based on PID readings and remained on-site. One confirmation sample was collected from the bottom of the excavation and analyzed for TPH-cc.

All detected TPH concentrations were below 100 mg/kg. Specific TPH-cc concentrations are presented in Table 1 and shown on Figure 9.

Stripping Building Excavation

Soil at the Stripping Building location was excavated to approximately 24 feet bgs. This area was excavated deeper than the proposed plan based on visual observations made during excavation activities. The Stripping Building excavation measured approximately 31 feet by 34 feet. A total of approximately 166 cy of soil was removed from the Stripping Building excavation and transported off-site for disposal. Unaffected excavated soils were segregated based on photoionization detector (PID) readings and remained on-site. Five confirmation samples (one from each sidewall and one from the bottom of the excavation) were collected and analyzed for TPH-cc and VOCs. Sidewall confirmation samples were collected from a depth of approximately 6 feet bgs, with the exception of the western sidewall confirmation sample, which was collected at approximately 10 feet bgs.

No detectable concentrations of VOCs were reported in the samples obtained from the Stripping Building excavation.

Elevated concentrations of TPH were detected in the samples collected from the southern and eastern walls of the excavation. Specific TPH-cc concentrations are presented in Table 1 and shown on Figure 10. Additional soil was removed from these two sampling locations on July 20, 2005. A total of approximately 7 cy of soil was removed from each sidewall area, and a confirmation sample was collected from the sidewall at approximately 6 feet bgs. All detected TPH concentrations in these two samples were below 100 mg/kg.

Discolored Soil Excavation

Soil at the discolored soil location in the vicinity of the Fabrication Building was excavated to approximately 30 feet bgs. The discolored soil excavation measured approximately 20 feet by 10 feet. Based on field observations, additional soil was removed on the southern and northern sides of the proposed excavation area. A total of approximately 242 cy of soil was removed from the discolored soil excavation. Five confirmation samples (one from each sidewall and one from the bottom of the excavation) were collected and analyzed for TPH-cc and VOCs. Confirmation samples were collected from the northern sidewall at a depth of approximately 3 feet bgs, from the southern sidewall at a depth 8 feet bgs, from the eastern sidewall at a depth of 5 feet bgs, and from the western sidewall at a depth of 6 feet bgs.

No detectable VOC concentrations were reported in the samples obtained from the discolored soil excavation.

All detected TPH concentrations were below 100 mg/kg. Specific TPH-cc concentrations are presented in Table 1 and shown on Figure 11.

Fabrication Building UST Excavation

Soil in the northern portion of the Fabrication Building UST location was excavated to approximately 11 feet bgs, and soil in the southern portion was excavated to approximately 8 feet bgs. The Fabrication Building UST excavation measured approximately 45 feet by 10 feet. Based on field observations, additional soil was removed on the northern, eastern, and southern sides of the proposed excavation area. A total of approximately 202 cy of soil was removed from the Fabrication Building UST excavation. Eleven confirmation samples (six sidewall samples and five samples from the bottom of the excavation) were collected and analyzed for TPH-cc and VOCs. Sidewall confirmation samples were collected at a depth of approximately 6 feet bgs.

No detectable concentrations of VOCs were reported in the samples obtained from the Fabrication Building UST excavation.

Elevated concentrations of TPH were detected in one sample collected from the western wall of the excavation (FAB-UST-EX-WW-2-6). Specific TPH-cc concentrations are presented in Table 1 and shown on Figure 12. Due to property line constraints, additional soil could not be removed along this side of the excavation. The impact appeared to be associated with the fill material located below the adjacent building and not an on-site release.

A total of approximately 1,443 cy of soil was excavated during removal activities. Excavated soil was hauled to Art's Disposal in Torrance, California, for recycling. Soil removal manifests are provided in Appendix D. Sampling locations and analytical results are presented in Tables 1 and 2 and shown on Figures 3 through 12.

6.2.5 Data Validation

QA/QC measures that were used during project execution were described in the *Quality Assurance Project Plan* (see Appendix C of the RAW). The QAPP assures that field and analytical data collected for the Site meet project Data Quality Objectives (DQOs) and RAOs to support a decision for a residential usage determination. All DQOs were met for this removal action.

6.2.5.1 Laboratory QA/QC Procedures

QA/QC procedures established by the analytical laboratory were used for this project. LFR performed a level-three data validation on the analytical results associated with the site characterization.

Data for these QC samples were reviewed as part of the data validation process, along with laboratory QC results. Each sample was analyzed for the specified suite of analytes presented in the PEA work plan. Data from each of the analyses were evaluated in the following areas:

- data completeness
- holding times
- blanks
- laboratory control standards
- matrix spike/matrix spike sample duplicates
- field duplicates/confirmatory samples
- compound identification and quantification

Section 6.2.5.2 describes LFR's internal data evaluation procedures in detail. Laboratory analytical reports and chain-of-custody documentation for the soil samples are included in Appendix B.

6.2.5.2 LFR Internal Validation Procedures

LFR reviewed the laboratory data to address/ensure that the above QA/QC procedures met prescribed standards, to ensure that all project analytical data are of reliable and comparable data quality.

Internal data validation is performed on all project analytical data when the final laboratory report is received by LFR. The data validation includes a data completeness review of each data package, and a review of QA/QC parameters to ensure that all project analytical data are of reliable and comparable data quality. Specifically, the following QA/QC parameters are reviewed:

- **Data Completeness:** Data were reviewed for completeness. The chain-of-custody forms for samples submitted to the laboratory were reviewed to make sure that analytical results were received for all samples submitted and all analyses requested. Based on a review of the chain-of-custody forms and the analytical data received, all samples submitted were analyzed using the indicated analyses.

- **Holding Times:** Analytical data were reviewed to ensure that holding times were met for all samples analyzed. Based on a comparison of the sample extraction dates to the sample collection dates, all samples were analyzed within the specified holding times (6 months for metals, 14 days for TPH, and 7 days for VOCs - Encore samples).

- **Laboratory Method Blanks:**

  - ***Metals*** – The laboratory analyzed 3 method blanks for arsenic. Arsenic was not detected in any of the laboratory method blanks.

  - ***TPH*** – The laboratory analyzed 12 method blanks for TPH. No TPH analytes were detected in any of the laboratory method blanks.

  - ***VOCs*** – The laboratory analyzed 11 method blanks for VOCs. No VOC analytes were detected in any of the laboratory method blanks.

- **Laboratory Control Standards:** In accordance with standard laboratory procedures, Del Mar analytical runs laboratory control standards (called "LCS" or "Laboratory Check Samples") in which sample blanks are spiked with a known concentration of a particular analyte and the recovery of the analyte is compared to the known concentration originally added, thereby providing measure that the laboratory can accurately assess the particular analyte concentration.

  - ***Metals*** – The laboratory QC report was reviewed for arsenic analyses. Arsenic samples were within their accepted recovery ranges (80 to 120% for arsenic).

  - ***TPH*** – The laboratory QC report was reviewed for TPH analyses. TPH samples were within their accepted recovery ranges (40 to 120% for TPH).

  - ***VOCs*** – The laboratory QC report was reviewed for VOC analyses. VOC samples were within their accepted recovery ranges (recovery range varies for each individual VOC analyte).

- **Matrix Spike/Matrix Spike Sample Duplicates (organic analyses only):** In accordance with standard laboratory procedures, Del Mar Analytical and Jones Environmental, Inc. run additional laboratory quality control procedures called "Matrix Spike/Matrix Spike Duplicate" (MS/MSD). A site sample is spiked with known concentrations of particular analytes and the recovery of the analytes is compared to the known concentrations added, thereby providing measure that the

laboratory can accurately assess the particular analyte concentration in a similar sample matrix.

- ***TPH*** – The laboratory QC data for MS/MSD were reviewed for TPH. Samples were generally within their accepted recovery ranges (generally 30% to 125% for TPH). The recovery range was exceeded in four instances due to matrix interference; however, the exceedances were flagged in the laboratory report, and the data were still considered valid as the laboratory control sample was within the acceptable range.

- ***VOCs*** – The laboratory QC data for MS/MSD were reviewed for VOCs. Samples were generally within their accepted recovery ranges (recovery range varies for each individual VOC analyte). The recovery range was exceeded in 49 instances due to matrix interference; however, the exceedances were flagged in the laboratory report, and the data were still considered valid as the laboratory control sample was within the acceptable range.

- **Field Duplicates/Confirmatory Samples:** Based on recent communications with the DTSC, an RPD range for soils is considered acceptable if it is within 100% (due to the non-homogeneity of soils). Furthermore, the non-homogeneity of soil samples and the method by which the duplicate soil sample was collected can account for an exceedance of 100% of the RPDs. All RPDs for duplicate samples obtained were within the 100% criteria for this sampling event.

Based on a review of the above parameters, all of the data collected at the Site have been deemed valid and acceptable for use in the risk evaluation presented herein.

7.0 HUMAN HEALTH SCREENING EVALUATION

In accordance with the PEA guidance manual (DTSC, 1999), a screening-level evaluation was conducted to provide an estimate of potential chronic (long-term) health risks from soil at the Site. Analytical data collected from the Site after the removal effort were used for this evaluation.

Per PEA guidance, land use of the Site was assumed to be residential, regardless of the current or proposed future site use. Complete exposure pathways included (1) inhalation of airborne dust, (2) ingestion of site soil, and (3) dermal absorption from direct contact with soil.

The evaluation was conducted using the analytical models provided in the PEA guidance manual, which are structured to provide a conservative estimate of the chronic risk from affected media along exposure pathways that are most frequently encountered in a residential setting. The default factors contained in the analytical models are conservative in nature and represent a reasonable maximum exposure (RME) to PCOCs as defined by the EPA. The screening-level evaluation was

conducted for each chemical detected in site soil at the conclusion of removal efforts at concentrations above local background levels. The results of the human health screening evaluation are summarized below.

7.1 Exposure Scenarios

As directed in the PEA guidance, the exposure scenario for the screening evaluation assumes a hypothetical residential setting. Under the residential scenario, the receptors are assumed to be exposed 24 hours per day, 350 days per year, for 30 years, for the RME case (i.e., 6 years for a child and 24 years for an adult; DTSC 1999). The residents are assumed to be exposed via inhalation of airborne particulate from the Site. Inhalation rates of 0.83 cubic meters per hour (m^3/hr) for a 24-hour day (i.e., 20 cubic meters per day [m^3/day]) for an adult resident and 0.43 m^3/hr for a 24-hour day (i.e., 10 m^3/day) for a child resident were used for the residents' evaluations, as recommended by DTSC for the RME case.

The residents are also assumed to be exposed via incidental ingestion and direct dermal contact with soil at the Site. Ingestion rates of 100 milligrams per day (mg/day) for an adult resident and 200 mg/day for a child resident were used for the resident evaluations, as recommended by DTSC for the RME case.

Exposed skin surface areas of 5,800 square centimeters per day (cm^2/day) for an adult resident and 2,000 cm^2/day for a child resident were used for the residential evaluations, as recommended by DTSC for the RME case. The default value for soil-to-skin adherence factor of 1 milligram per square centimeter (mg/cm^2) was used in the residential evaluations for direct dermal exposure.

The adult resident was assumed to be exposed to soil via the direct dermal route 2 times per week or 100 times per year. The child resident was assumed to be exposed to soil via the direct dermal route 7 times per week or 350 times per year.

The average body weights of an adult resident and a child resident were assumed to be 70 kilograms (kg) and 15 kg, respectively.

The scenarios used in the risk assessment are conservative and not reflective of the future use of the Site. The scenarios evaluated present a "worst-case" condition. Once developed, the Site will be substantially paved, further reducing exposure and/or eliminating completed pathways.

7.2 COPCs

Each detected chemical was initially considered for the human health screening-level evaluation. The chemical groups present at the Site included metals and fuel related VOCs.

7.2.1 Metals

Soil analytical results for metals are presented in Table 1. Metals were selected or eliminated as COPCs using the following methodology.

The highest individual metal concentration detected on the Site was compared to the highest background concentration for the individual metal. If the site concentration was equal to or less than the background concentration for that metal, and if the highest site concentration was below the concentration associated with unacceptable risk or hazard, then the metal was eliminated as a COPC. If the onsite maximum concentration for an individual metal was greater than the background maximum concentration for that metal, then further evaluation was performed as described below. Arsenic was the only metal not eliminated by this process.

The on-site arsenic data were evaluated statistically using a probability plot to establish if one or more populations were present. If only one population was present, and if the highest site concentration was below the concentration associated with unacceptable risk or hazard, arsenic would be eliminated as a COPC. If there were two or more populations present, then arsenic would be included as a COPC. The probability plot for arsenic is presented on Figure 13. All arsenic data within the background range represent current Site conditions. Therefore, based on the current conditions and the results of the data plot, arsenic was not selected as a COPC.

7.2.2 Fuel Related Volatile Organic Compounds

Two fuel related VOCs (m,p-xylenes, and o-xylenes) were detected in soil samples collected from the Site. These VOCs were included as COPCs in the human health screening evaluation. These were the only COPCs selected for human health risk evaluation. Xylenes are not carcinogenic; therefore, the non-carcinogenic adverse health affects hazards were evaluated.

7.3 Exposure Point Concentrations

The maximum detected concentration for each of the xylenes was used as the soil exposure point concentration (EPC) for estimating risks and hazards. Air concentrations were estimated using the DTSC modified Johnson & Ettinger model. This model assumes that volatile compounds will migrate through the soil column and into dwellings through cracks and seams the foundations.

7.4 Toxicity Values

The reference dose values used to assess the xylenes health hazards are presented in Table 4 and were obtained from the National Center for Environmental Assessment, as cited in EPA's Region 9 Preliminary Remediation Goals (U.S. EPA 2004).

7.5 Hazard Characterization

The screening evaluation estimated a hazard for soil and air pathways for the xylenes detected at the Site. The equations presented in Figures 2.3 and 2.4 of the PEA guidance manual (DTSC 1999) were used in the risk and hazard estimations.

7.5.1 Carcinogenic Risks

No carcinogens were selected as COPCs; therefore, no cancer risk is anticipated to future population based on residual COPCs in site soils.

7.5.2 Noncarcinogenic Hazards

The xylenes were evaluated for their non-carcinogenic adverse health effects. The total estimated hazard index is 0.011, which is below the threshold of 1.0 for noncarcinogenic effects. The estimated noncarcinogenic hazards are presented in Table 5.

7.5.3 Summary

The total estimated hazard index was 0.011. The total hazard index for the Site was less than the 1.0 threshold for noncarcinogenic effects.

7.6 Uncertainty Analysis

The human health screening evaluation followed the conservative risk estimation procedures recommended by Cal-EPA and EPA. Many of the assumptions regarding future land uses, relevant exposure scenarios, screening procedures, and exposure parameters selected for the risk assessment were very conservative and would likely "err on the side of safety." Particularly under the "conservative" exposure parameters in each scenario, certain assumptions about exposure frequency and intake rates are far greater than would be reasonably expected. The "maximum probable exposure" calculated using these conservative exposure parameters may not be "probable" in a quantitative sense; it is highly unlikely that the exposures and risks for any given individual would exceed this maximum.

Examples of some of the specific areas of conservatism in this assessment are described below:

- For the human health evaluation, conservative upper bound chemical concentrations (e.g., the maximum concentrations) in on-site surface soils were established and continuous exposure to these levels over a several year period was assumed. Using the maximum concentration as the EPC assumes that exposure to the maximum concentration occurs throughout the entire Site, when in fact it only occurs at a selected location(s). This assumption thereby overestimates the risk to the

remainder of the Site, because it is unlikely that a receptor would be "stationed" at the one location. Therefore, the use of the maximum concentration will overestimate risks.

- The assumption of no pavement being present under the future site buildings is another example of the conservatism in the risk assessment. The risk assessment evaluates exposure to surface soils, and assumes that only the bare land is present over the timeframe examined. Following construction, much of the Site will be under concrete, buildings or asphalt, thus substantially reducing the potential direct-contact exposures to soil at the Site.

8.0 INDOOR AIR

The USEPA and DTSC human health risk assessment methodologies were used to estimate human health risk associated with the pre-remediation soil gas data (EPA 1989[1], DTSC 1996[2]). The results are presented in Appendix E. The soil gas survey was conducted in January 2004, and likely does not represent current subterranean conditions. In July 2005, approximately 2,000 cubic yards of soil were removed from the affected areas of the Site. This removal activity likely eliminated or significantly reduced subterranean soil gas concentrations. A soil matrix investigation confirmed successful removal of affected soil. A soil gas survey was not repeated after the soil removal activities. Therefore, use of the previous data can be considered a conservative approach to evaluating current site risks.

In compliance with a DTSC request, the historical non-representative soil gas data was evaluated for vapor intrusion. The first step in this evaluation was calculating representative soil gas concentrations. A COPC was statistically evaluated if it had at least three detections. The maximum concentration was used in the risk evaluation for compounds with one or two detections. Benzene and ethylbenzene were the only COPCs with more than two detections.

These datasets were statistically evaluated using the USEPA statistical package ProUCL. Based on the ProUCL results, both benzene and ethylbenzene follow a non-parametric distribution, with a 95% Chebyshev of 330 micrograms per cubic meter ($\mu g/m^3$) and 100 $\mu g/m^3$, respectively.

Indoor air concentrations were estimated using the DTSC 2005 vapor model. The DTSC model is based on the Johnson and Ettinger vapor transport model (Johnson and

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[1] United States Environmental Protection Agency. 1989. Risk Assessment Guidance for Superfund, Human Health Evaluation Manual, Part A. Interim Final. December 29.

[2] Department of Toxic Substances Control. 1992; modified 1996. Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities Manual. July.

Ettinger 1991). The DTSC model is highly conservative and uses default values to represent soil parameters, building specifications, foundation cracks, and air exchange rates. Loamy sands were selected to represent subsurface conditions. The estimated air concentrations are presented in the attached table. The model worksheets, which include the input parameters, are included in the attachment.

The DTSC model assumes that the hypothetical resident receptor is exposed to indoor air for 24 hours per day, 350 days per year, for 30 years. Time actually spent in a residential dwelling is typically significantly less. In addition, the modeling assumes that the concentration remains constant throughout the 30 year exposure duration despite the discontinuation of industrial activities. Cancer risk estimates were based on these highly conservative assumptions. The results of the statistical analysis, estimated indoor air concentration, and estimated risks are presented in Appendix E.

Benzene was the only identified carcinogen. The estimated cancer risk based on the inhalation pathway meets DTSC target risk goals of one in a million. The other COPCs are non-carcinogens, and the combined estimated hazard index is also below DTSC target. Therefore, the historical soil gas data does not appear to be at concentrations that would cause adverse health effects. The indoor air evaluation represents pre-remediation conditions and actual risks are likely significantly lower.

9.0 ECOLOGICAL SCREENING EVALUATION

A detailed ecological screening evaluation was not performed during this investigation because the Site is located within a developed setting. Natural wildlife habitat areas were not noted on the Site during the investigation. Therefore, based on the available information, there does not appear to be a significant pathway of exposure to non-human, sensitive ecological species.

10.0 CONCLUSIONS

The purpose of this investigation was to establish whether a release of hazardous substances, which poses a threat to human health or the environment, remains at the Site after excavation activities for impacted soil have been conducted.

The Site operated as a manufacturing facility since the early part of the 1900s. Multiple investigations were conducted at the Site as part of site characterization efforts. This effort led to the understanding that an estimated 1,600 cy of affected soil may be present in the shallow subsurface. The contaminants were primarily TPH, select VOCs, and select metals. OMP elected to voluntarily remove this material from the Site for recycling. As such, LFR oversaw the removal of 1,443 cy of affected soil to essentially background or low concentrations. Analytical results for confirmation soil samples documenting the conditions that remained after excavation are presented in Tables 1 and 2.

10.1 Railroad Excavation

Based on the analytical results of confirmation samples collected in the railroad spur excavation area, as well as the results of the human health screening evaluation, LFR does not recommend any further excavation or investigation of the railroad spur area.

10.2 AST West Location

Based on TPH analytical results for samples collected in the AST West excavation area, as well as the non-detectable VOC results, LFR does not recommend any further excavation or investigation of the AST West area.

10.3 AST East Area

Based on the low concentrations of two VOC analytes and TPH analytes detected in the AST East area, as well as the results of the human health screening evaluation, LFR does not recommend any further excavation or investigation of the AST East area.

10.4 Service Garage Excavation

Based on analytical results for the confirmation samples, LFR does not recommend any further excavation or investigation of the Service Garage area.

10.5 Machine Shop Excavation

Based on the analytical results of confirmation samples collected in the Machine Shop excavation area, LFR does not recommend any further excavation or investigation of the Machine Shop area.

10.6 Fabrication Building Excavation

Based on analytical results for confirmation samples collected in the Fabrication Building excavation area, LFR does not recommend any further excavation or investigation of the Fabrication Building area.

10.7 Cage Building Excavation

Based on the analytical results of confirmation samples collected in the Cage Building excavation area, LFR does not recommend any further excavation or investigation of the Cage Building area.

10.8 Stripping Building Excavation

Based on the TPH analytical results for the confirmation samples collected in the Stripping Building excavation area, as well as the non-detectable VOC results, LFR does not recommend any further excavation or investigation of the Stripping Building area.

10.9 Discolored Soil Excavation

Based on TPH analytical results for samples collected in the discolored soil excavation area, as well as the non-detectable VOC results, LFR does not recommend any further excavation or investigation of the discolored soil area.

10.10 Fabrication Building UST Excavation

Based on the non-detectable VOC results, as well as the fact that TPH-impacted soil was excavated and removed to the property line, LFR does not recommend any further excavation or investigation of the Fabrication Building UST area.

11.0 RECOMMENDATIONS

Confirmation soil sample analytical results of the investigation have identified low concentrations of TPH at the Site. Additionally, low concentrations of two VOC analytes were detected in one location at the Site. In the areas where these conditions were observed, the lateral and vertical extent of affected soil is limited. The information reviewed and observations made for this investigation indicate that the impacted soils at the Site have been removed, and that soils remaining at the Site have not been significantly affected by on-site releases of hazardous substances.

No carcinogens were selected as COPCs; therefore, no cancer risk is anticipated to affect future population based on residual COPCs in site soils. The xylenes were evaluated for their non-carcinogenic adverse health effects. The total estimated hazard index is 0.011, which is below the threshold of 1.0 for noncarcinogenic effects. Based on the findings of this investigation, LFR requests the issuance of a “No Further Action” designation from the DTSC regarding the Site and its suitability for future residential development.

12.0 LIMITATIONS

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by LFR and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in

accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, express or implied, is intended or given. To the extent that LFR relied upon any information prepared by other parties not under contract to LFR, LFR makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

Results of any investigations or testing and any findings presented in this report apply solely to conditions existing at the time when LFR's investigative work was performed. It must be recognized that any such investigative or testing activities are inherently limited and do not represent a conclusive or complete characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. LFR's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100% confidence in environmental investigation conclusions cannot reasonably be achieved.

LFR, therefore, does not provide any guarantees, certifications or warranties regarding any conclusions regarding environmental contamination of any such property. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations or standards.

TABLES

Table 1
Summary of Soil Confirmation Analytical Results, Arsenic and TPH-cc
Ameron
LFR 002-10311

Sample ID	Date Sampled	Arsenic EPA 6020 mg/kg	(C6 - C7) EPA 8015 MOD. mg/kg	(C8 - C9) EPA 8015 MOD. mg/kg	(C10 - C11) EPA 8015 MOD. mg/kg	(C12 - C13) EPA 8015 MOD. mg/kg	(C14 - C15) EPA 8015 MOD. mg/kg	(C16 - C17) EPA 8015 MOD. mg/kg	(C18 - C19) EPA 8015 MOD. mg/kg	(C20 - C21) EPA 8015 MOD. mg/kg	(C22 - C23) EPA 8015 MOD. mg/kg	(C24 - C25) EPA 8015 MOD. mg/kg	(C26 - C27) EPA 8015 MOD. mg/kg	(C28 - C29) EPA 8015 MOD. mg/kg	(C30 - C31) EPA 8015 MOD. mg/kg	(C32 - C35) EPA 8015 MOD. mg/kg	(C36 - C39) EPA 8015 MOD. mg/kg	(C36 - C40) EPA 8015 MOD. mg/kg	(C40-C43) EPA 8015 MOD. mg/kg	(C44+) EPA 8015 MOD. mg/kg	Total EPA 8015 MOD. mg/kg
RR-EX-06-2'	07/07/05	1.5	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<3.6	--	--	<10
RR-EX-07-2'	07/07/05	1.5	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<3.6	--	--	13
RR-EX-08-2'	07/07/05	2.9	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<3.6	--	--	<10
RR-EX-09B-4'	07/20/05	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-09-EW-2'	07/20/05	0.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-09-WW-2'	07/20/05	1.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-09-NW-2'	07/20/05	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-09-SW-2'	07/20/05	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-10-2'	07/07/05	1.5	--	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	--	<7.2	--	--	22
RR-EX-11-2'	07/07/05	0.69	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<3.6	--	--	<10
RR-EX-12B-4'	07/20/05	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-12B-4' (DUP-1)	07/20/05	3.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-12-NW-2'	07/20/05	1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-12-SW-2'	07/20/05	0.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-12-WW-2'	07/20/05	0.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-12-EW-2'	07/20/05	0.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RR-EX-13-2'	07/07/05	<0.5	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<3.6	--	--	<10
RR-EX-14	07/07/05	<0.5	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
RR-EX-15	07/07/05	1.6	--	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	7.9	7.5	7.9	--	<7.2	--	--	45
RR-EX-16	07/07/05	0.88	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<3.6	--	--	<10
RR-EX-17	07/07/05	0.58	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<3.6	--	--	<10
FAB-UST-EX-WW-3-6'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-NW-6'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	5.6
FAB-UST-BOT-5-10'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
MS-EX-WW-B-5'	07/20/05	--	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	2.6	5.8		1		<1.0		<1.0	<1.0	--	<1.0	<1.0	10
MS-EX-SW-C-4'	07/20/05	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8		1.2		12		3.5	6.1	--	5	1.6	33
MS-EX-EW-4'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	2.1	2.8	2.5	3.1	3.1	--	<1.8	--	--	19
MS-EX-BOT-6'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
MS-EX-NW-4'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	2.7	6.2	7.4	8.3	8.6	11	12	13	17	--	11	--	--	99
AST-W-EX-NW-2'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	6.6
AST-W-EX-EW-C-2'	07/20/05	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0	<1.0	--	<1.0	<1.0	ND
AST-W-EX-SW-B-2'	07/20/05	--	<1.0	<1.0	<1.0	<1.0	<1.0	4	6.3	2.8		<1.0		<1.0		<1.0	<1.0	--	<1.0	<1.0	13
AST-W-EX-WW-2'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	2.2	--	<1.8	--	--	7.3
AST-W-EX-BOT-5'	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
AST-W-EX-BOT-5' (DUP-1)	07/05/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
AST-E-EX-EW-2'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
AST-E-EX-SW-2'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
AST-E-EX-NW-3'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
AST-E-EX-WW-3'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
AST-E-EX-BOT-2-8'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
AST-E-EX-BOT-1-8'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
AST-E-EX-BOT-3-4'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	2.6	4.2	5.9	8	9.4	12	11	--	3.3	--	--	59
FAB-UST-EX-SW-6'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-BOT-2-8'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-WW-6'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-BOT-1-8'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-EW-6'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-BOT-3-8'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-BOT-4-11'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-BOT-4-11' (DUP-1)	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-EW-2-6'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FAB-UST-EX-WW-2-6'	07/01/05	--	--	<3.6	<3.6	<3.6	4.2	8	14	21	34	44	48	53	38	26	--	7	--	--	300

Table 1
Summary of Soil Confirmation Analytical Results, Arsenic and TPH-cc
Ameron
LFR 002-10311

Sample ID	Date Sampled	Arsenic EPA 6020 mg/kg	(C6 - C7) EPA 8015 MOD. mg/kg	(C8 - C9) EPA 8015 MOD. mg/kg	(C10 - C11) EPA 8015 MOD. mg/kg	(C12 - C13) EPA 8015 MOD. mg/kg	(C14 - C15) EPA 8015 MOD. mg/kg	(C16 - C17) EPA 8015 MOD. mg/kg	(C18 - C19) EPA 8015 MOD. mg/kg	(C20 - C21) EPA 8015 MOD. mg/kg	(C22 - C23) EPA 8015 MOD. mg/kg	(C24 - C25) EPA 8015 MOD. mg/kg	(C26 - C27) EPA 8015 MOD. mg/kg	(C28 - C29) EPA 8015 MOD. mg/kg	(C30 - C31) EPA 8015 MOD. mg/kg	(C32 - C35) EPA 8015 MOD. mg/kg	(C36 - C39) EPA 8015 MOD. mg/kg	(C36 - C40) EPA 8015 MOD. mg/kg	(C40-C43) EPA 8015 MOD. mg/kg	(C44+) EPA 8015 MOD. mg/kg	Total EPA 8015 MOD. mg/kg
DSA-NW-3'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
DSA-EW-5'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
DSA-WW-6'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
DSA-BOT-30'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	**2**	**1.9**	**2.3**	**1.9**	<1.8	--	<1.8	--	--	**13**
DSA-SW-8'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FBEX-BOT-1-5'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FBEX-BOT-1-5' (DUP-1)	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FBEX-BOT-2-5'	06/30/05	--	--	**2.6**	**2**	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	**6.4**
FBEX-WW-3'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	**1.9**	**2.4**	**3**	**3.4**	**4**	**7.1**	**7.2**	**9.2**	--	<1.8	--	--	**40**
FBEX-BOT-3-5'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FBEX-NW-3'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FBEX-EW-3'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
FBEX-SW-3'	06/30/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	**7.5**
CBEX-BOT-12'	06/29/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SBEX-EW-2-6'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	**7.9**
SBEX-SW-2-6'	07/01/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SB-EX-SW-B-6'	07/20/05	--	<1.0	<1.0	<1.0	<1.0	<1.0	**1**	**1.2**	**1.6**		**2.4**		**5.6**		**5.4**	**6.8**	--	**2.4**	**2.4**	**24**
SBEX-NW-6'	06/29/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SBEX-WW-10'	06/29/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SBEX-BOT-24'	06/29/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SBEX-BOT-24' (DUP-1)	06/29/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	**5.9**
SG-EX-SW-3'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SG-EX-WW-3'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SG-EX-EW-3'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SG-EX-NW-3'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
SG-EX-BOT-7'	07/06/05	--	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
RR-EX-01-2'	07/06/05	<0.5	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	**6**
RR-EX-02-2'	07/06/05	**1.4**	--	<1.8	<1.8	<1.8	<1.8	**2**	**3.5**	**4.8**	**7.2**	**9**	**12**	**14**	**17**	**21**	--	**8.2**	--	--	**100**
RR-EX-02-2' (DUP-1)	07/06/05	**0.97**	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	**2.2**	**3.4**	**4.4**	**5.5**	**5.4**	**6.3**	**5.8**	--	<1.8	--	--	**35**
RR-EX-03-2'	07/06/05	<0.5	--	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	--	<1.8	--	--	<5
RR-EX-04-2'	07/06/05	**1.1**	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	**4.3**	**6.2**	**11**	**12**	**19**	--	**14**	--	--	**72**
RR-EX-05-2'	07/06/05	**1.2**	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	**4.3**	**6.3**	**8.4**	**13**	**15**	**21**	--	**16**	--	--	**90**
RR-EX-05-2' (DUP-2)	07/06/05	**1.6**	--	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	**5.3**	**6.7**	**9**	**10**	**14**	**10**	**12**	--	**6.1**	--	--	**80**

< = Not detected above laboratory reporting limit indicated.
All Samples analyzed by Del Mar Analytical Laboratories, Irvine, CA. or Jones Environmental Mobile Laboratory.
mg/Kg = Milligrams per kilogram.
-- = Analyte not sampled.

Table 2
Summary of Analytical Results, VOCs
Ameron
LFR 002-10311

Sample ID	Date Sampled	m,p-Xylenes EPA 8260B µg/kg	o-Xylene EPA 8260B µg/kg
	Analyte:	m,p-Xylenes	o-Xylene
	Method:	EPA 8260B	EPA 8260B
	Units:	µg/kg	µg/kg
FAB-UST-EX-WW-3-6'	07/05/05	<2	<2
FAB-UST-EX-NW-6'	07/05/05	<1.8	<1.8
FAB-UST-BOT-5-10'	07/05/05	<2	<2
AST-W-EX-NW-2'	07/05/05	<2	<2
AST-W-EX-EW-2'	07/05/05	<2	<2
AST-W-EX-SW-2'	07/05/05	<2	<2
AST-W-EX-WW-2'	07/05/05	<1.8	<1.8
AST-W-EX-BOT-5'	07/05/05	<1.8	<1.8
AST-W-EX-BOT-5' (DUP-1)	07/05/05	<2	<2
FAB-UST-EX-SW-6'	07/01/05	<2	<2
FAB-UST-EX-BOT-2-8'	07/01/05	<2	<2
FAB-UST-EX-WW-6'	07/01/05	<2	<2
FAB-UST-EX-BOT-1-8'	07/01/05	<2	<2
FAB-UST-EX-EW-6'	07/01/05	<2	<2
FAB-UST-EX-BOT-3-8'	07/01/05	<2	<2
FAB-UST-EX-BOT-4-11'	07/01/05	<2	<2
FAB-UST-EX-BOT-4-11' (DUP-1)	07/01/05	<2	<2
FAB-UST-EX-EW-2-6'	07/01/05	<1.6	<1.6
FAB-UST-EX-WW-2-6'	07/01/05	<2	<2
DSA-NW-3'	06/30/05	<2	<2
DSA-EW-5'	06/30/05	<2	<2
DSA-WW-6'	06/30/05	<2	<2
DSA-BOT-30'	06/30/05	<2	<2
DSA-SW-8'	06/30/05	<2	<2
SBEX-SW-6'	06/29/05	<2	<2
SBEX-NW-6'	06/29/05	<2	<2
SBEX-EW-6'	06/29/05	<2	<2
SBEX-WW-10'	06/29/05	<2	<2
SBEX-BOT-24'	06/29/05	<1.7	<1.7
SBEX-BOT-24' (DUP-1)	06/29/05	<1.6	<1.6
AST-E-EX-EW-2'	07/06/05	<2	<2
AST-E-EX-SW-2'	07/06/05	**6.9**	**2.0**
AST-E-EX-NW-3'	07/06/05	<2	<2
AST-E-EX-WW-3'	07/06/05	<2	<2
AST-E-EX-BOT-2-8'	07/06/05	<2	<2
AST-E-EX-BOT-1-8'	07/06/05	<2	<2
AST-E-EX-BOT-3-4'	07/06/05	<2	<2

VOCs are shown for detected compounds only.
See laboratory reports for a complete list of compounds analyzed.
All Samples analyzed by Del Mar Analytical Laboratories, Irvine, CA.
< = Not detected above laboratory reporting limit indicated.
µg/kg = Micrograms per kilogram.

Table 3
Chemical Properties for Compounds of Potential Concern
Ameron Site
South Gate, California

Chemical	CAS Number	Vapor Pressure[1] (mmHg @ 20-30C)	Solubility[1] (mg/l @ 20-30C)	Henry's Law Constant
Fuel VOCs				
m,p-Xylenes	108-38-3	0.0E+00	200	5.30E-03
o-Xylene	95-47-6	0.0E+00	200	5.30E-03

Notes:

[1] Values from DTSC Preliminary Endangerment Assessment Guidance Manual, June 1999.

DTSC = Department of Toxic Substances Control
mmHg = Millimeter of mercury
mg/l = Milligrams per liter
NA = Not applicable

Table 4
Noncarcinogenic Toxicity Information for Chemicals of Potential Concern
Ameron Site
South Gate, California

Chemical	Oral Reference Dose (RfDo) (mg/kg-day)	Inhalation Reference Dose (RfDi) (mg/kg-day)	Primary Target Organs	Toxicity Information Reference Source[1]
Fuel VOCs				
m,p-Xylenes	2.0E-01	2.9E-02	CNS, Respiratory	NCEA
o-Xylene	2.0E-01	2.9E-02	CNS, Respiratory	NCEA

Notes:

[1] National Center for Environmental Assessment (NCEA) as cited in U.S. Environmental Protection Agency Region 9 Preliminary Remedial Goals, December 2004.

mg/kg-day = Milligrams per kilogram per day
CNS = Central nervous system

Table 5
Noncarcinogenic Hazard Index Estimate for Compounds of Potential Concern
Ameron Site
South Gate, California

Chemical	Oral Reference Dose (RfDo) (mg/kg-day)	Inhalation Reference Dose (RfDi) (mg/kg-day)	Dermal Absorption Fraction (ABS) (dimensionless)	Concentration in Soil1 (Cs) (mg/kg)	Concentration in Air (Ca) (mg/m3)	HAZARD QUOTIENT for Soil Pathway	HAZARD QUOTIENT for Air Pathway
Fuel VOCs							
m,p-Xylenes	2.0E-01	2.9E-02	0.1	6.9	6.2E-08	**9.E-04**	**1.E-06**
o-Xylene	2.0E-01	2.9E-02	0.1	2.0	7.7E-08	**3.E-04**	**2.E-06**
Hazard Index for Pathway						**1.14E-03**	**3.06E-06**
TOTAL HAZARD INDEX (across all chemicals anc			**1.1E-03**				

NOTES:

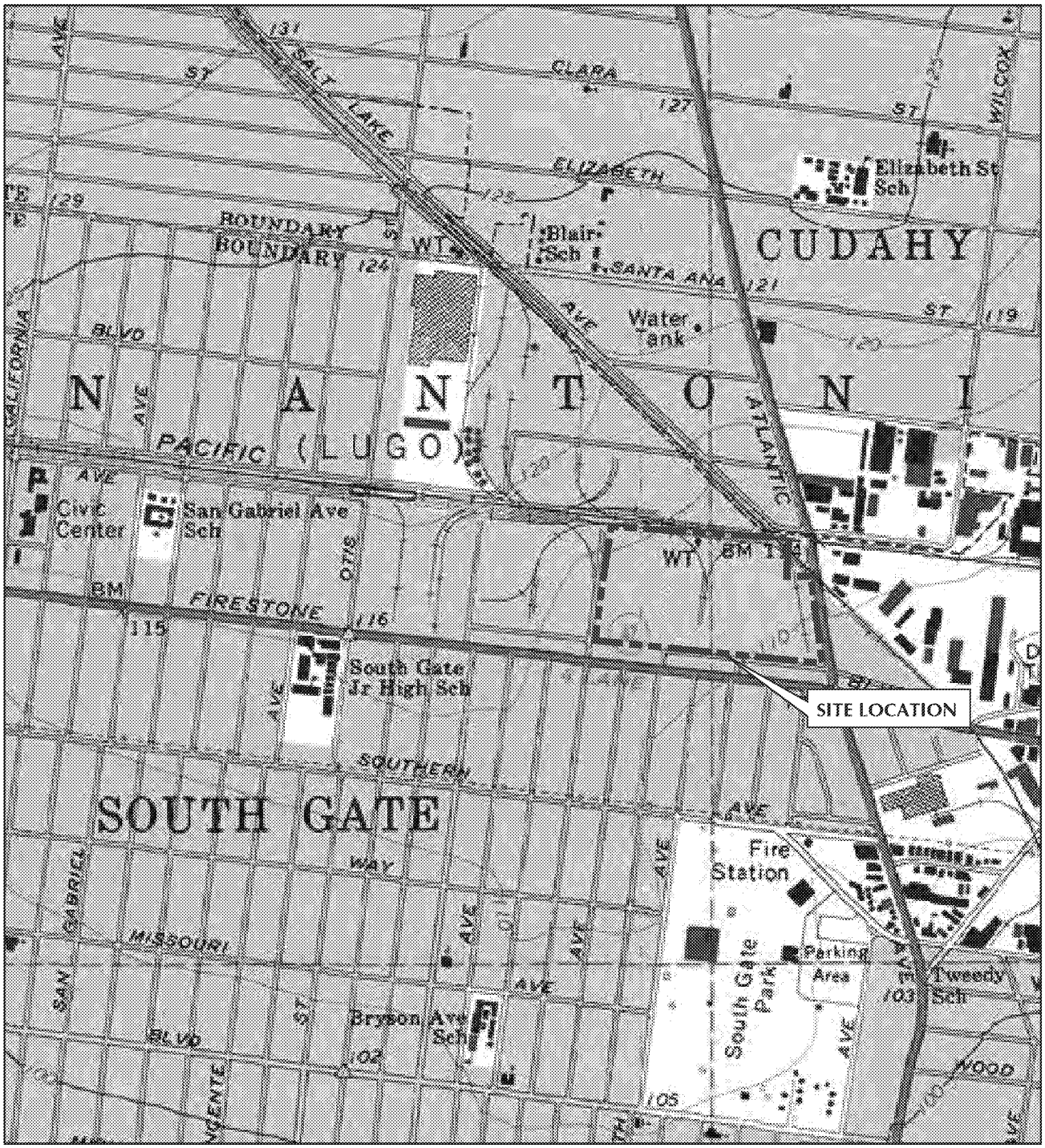
[1] Maximum detected concentration in soil

Cal-EPA = California Environmental Protection Agency
cm/hr = Centimeters per hour
kg/m^3 = Kilograms per cubic meter
mg/kg = Milligrams per kilogram
mg/kg-day = Milligrams per kilogram per day
mg/m^3 = Milligrams per cubic meter
NA = Not applicable

For Soil Pathway (equation shown on Figure 2.3; Cal-EPA 1999):
HAZARD = ((Cs/RfDo) x (1.28 x 10-5)) + ((Cs/RfDo) x (1.28 x 10-4) x ABS)

For Air Pathway (equation shown on Figure 2.4; Cal-EPA 1999):
HAZARD = (Ca/RfDi) x 0.639
where for non-VOCs (equation shown on Figure 2.8, Cal-EPA 1999):
$Ca = Cs \times (5.0 \times 10^{-8}\ kg/m^3)$

FIGURES



Site Boundary

0 2000 ft

Vicinity Map

Ameron - 002-10311-00

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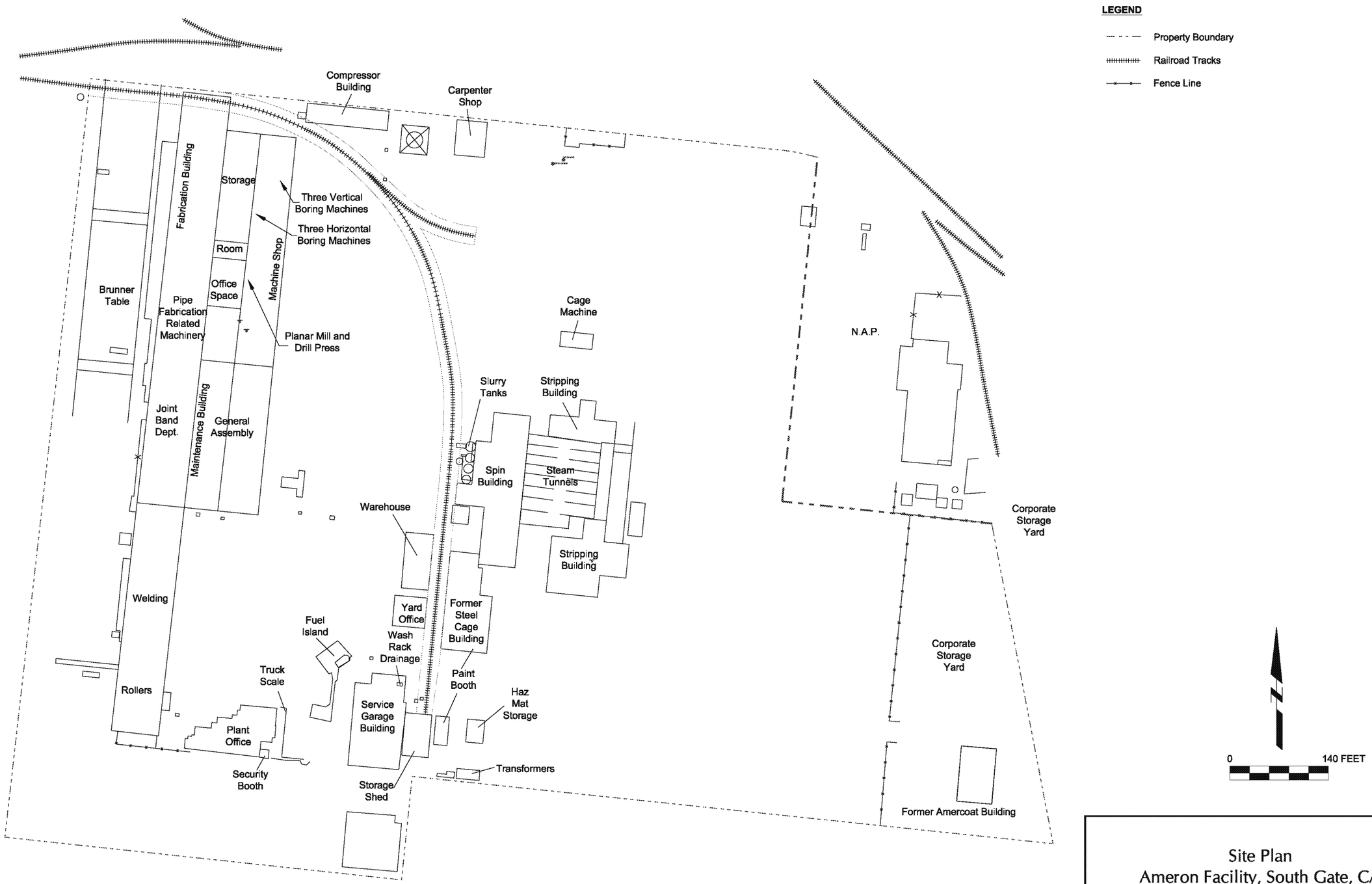
Figure 1

10311-00 Vicinity Map.ai



Site Plan
Ameron Facility, South Gate, CA

Ameron - 002-10311-00

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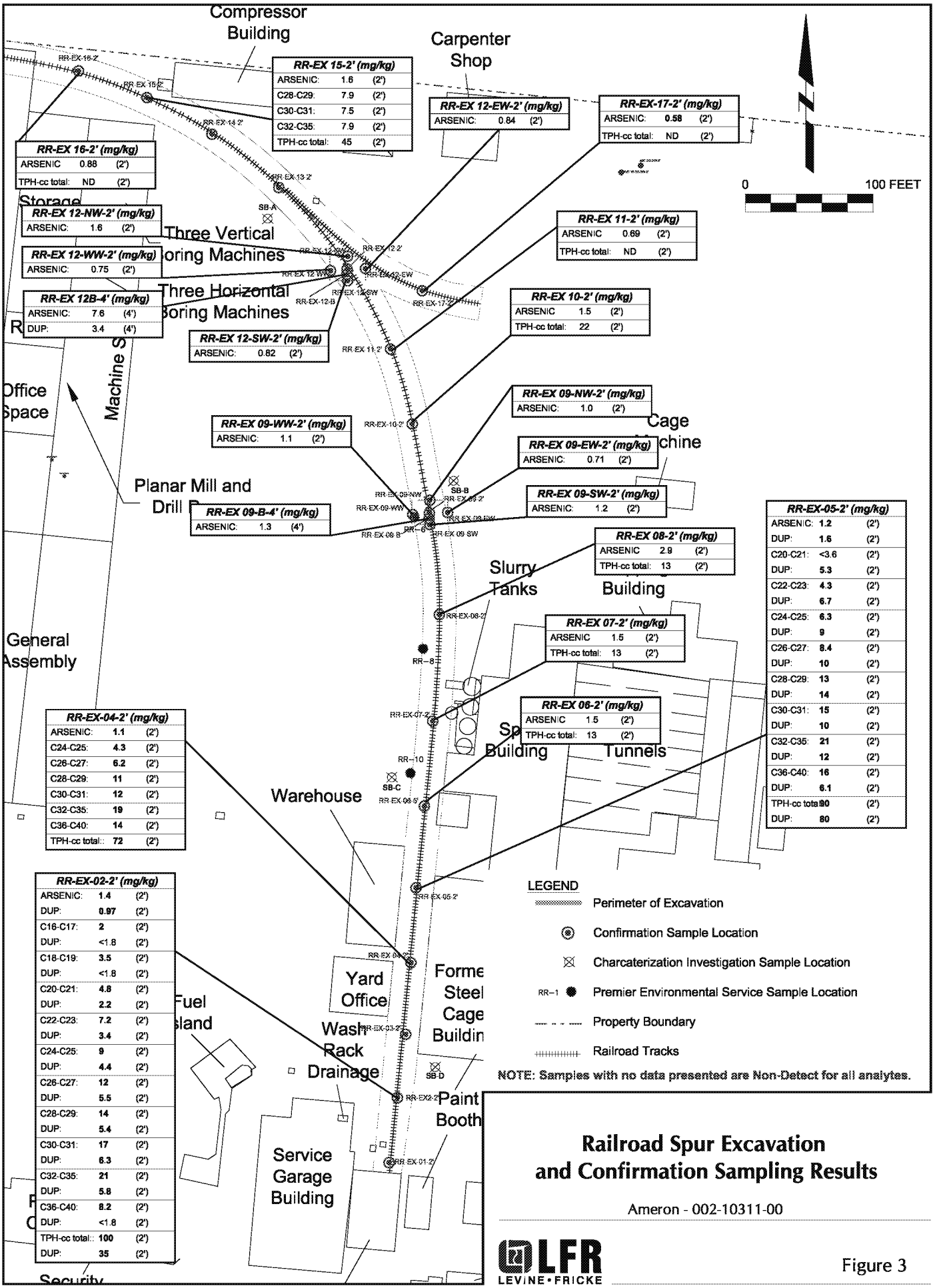
Figure 2

K:\Data\Graphics\10000\10311\10311-SiteMap.dwg [SITE] 8/1/05 3:47pm JLOVING XREFS:



Railroad Spur Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

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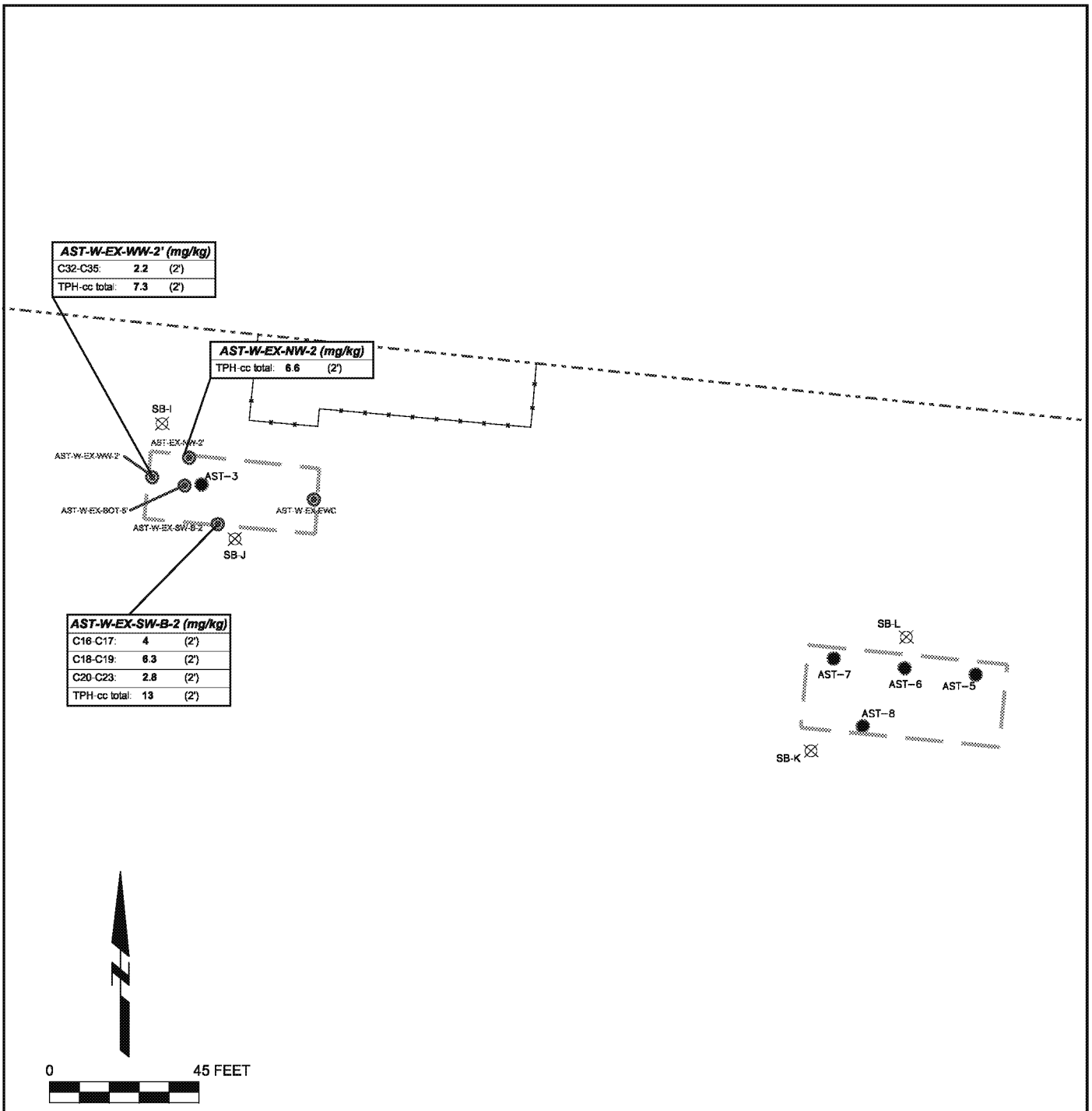
Figure 3



LEGEND

- Perimeter of Excavation
- Confirmation Sample Location
- Investigation Sample Location
- AST-3 Premier Environmental Service Sample Location
- Property Boundary
- Fence Line

NOTE: Samples with no data presented are Non-Detect for all analytes.

AST West Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

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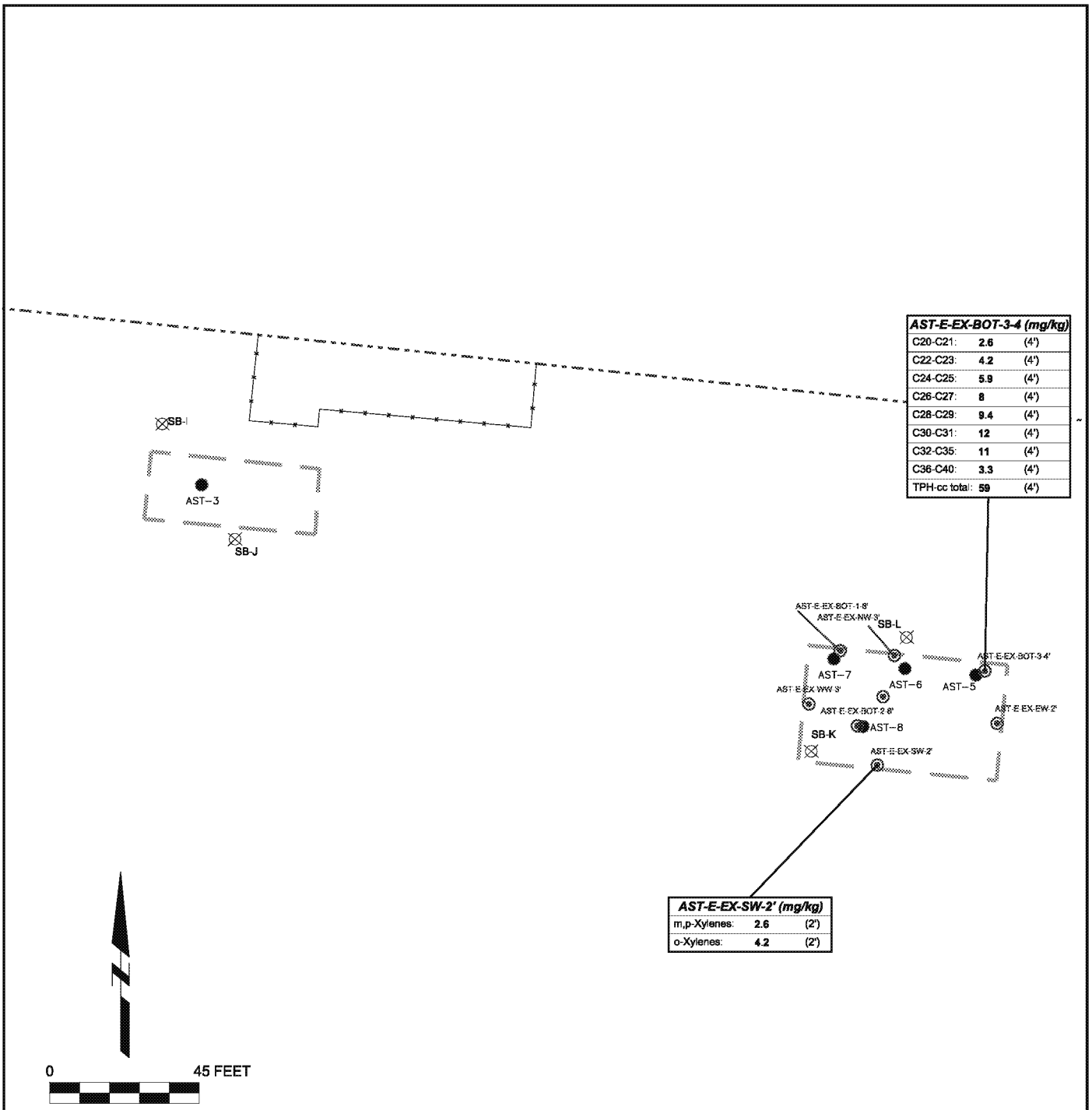
Figure 4

K:\Data\Graphics\10000\10311\10311-SiteMap.dwg [F4] 8/1/05 3:47pm JLOVING XREFS:



AST-E-EX-BOT-3-4 (mg/kg)		
C20-C21:	2.6	(4')
C22-C23:	4.2	(4')
C24-C25:	5.9	(4')
C26-C27:	8	(4')
C28-C29:	9.4	(4')
C30-C31:	12	(4')
C32-C35:	11	(4')
C36-C40:	3.3	(4')
TPH-cc total:	59	(4')

AST-E-EX-SW-2' (mg/kg)		
m,p-Xylenes:	2.6	(2')
o-Xylenes:	4.2	(2')

LEGEND

- Perimeter of Excavation
- Confirmation Sample Location
- Characterization Investigation Sample Location
- AST–3 Premier Environmental Service Sample Location
- Property Boundary
- Fence Line
- ND Not Detected
- NA Not Analyzed

NOTE: Samples with no data presented are Non-Detect for all analytes.

K:\Data\Graphics\10000\10311\400\10311-SiteMapB.dwg [F5] 8/1/05 3:44pm JLOVING XREFS:

AST East Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

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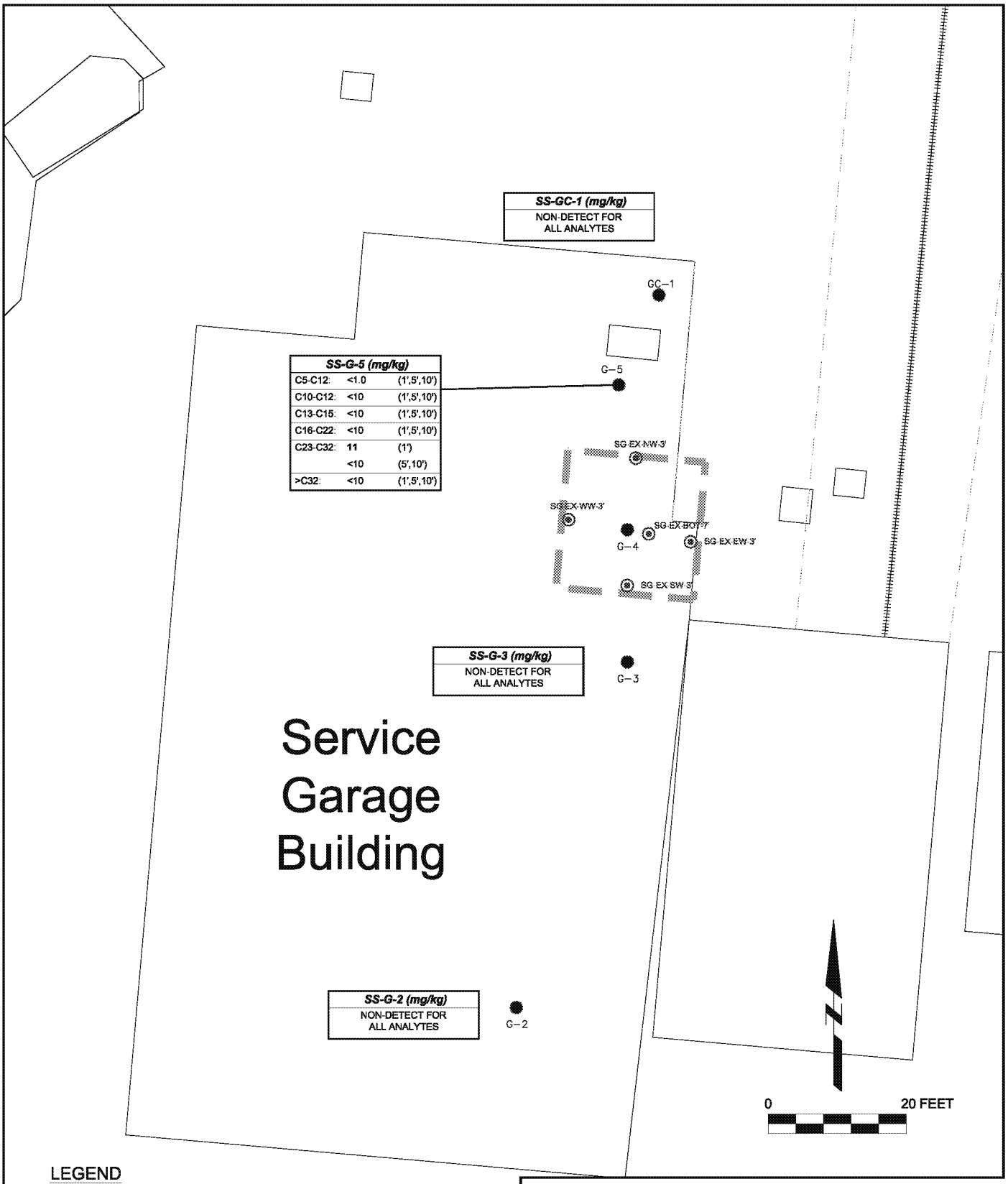
Figure 5



LEGEND

Perimeter of Excavation

Confirmation Sample Location

G–2 Premier Environmental Service Sample Location

NOTE: Samples with no data presented are Non-Detect for all analytes.

Service Garage Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

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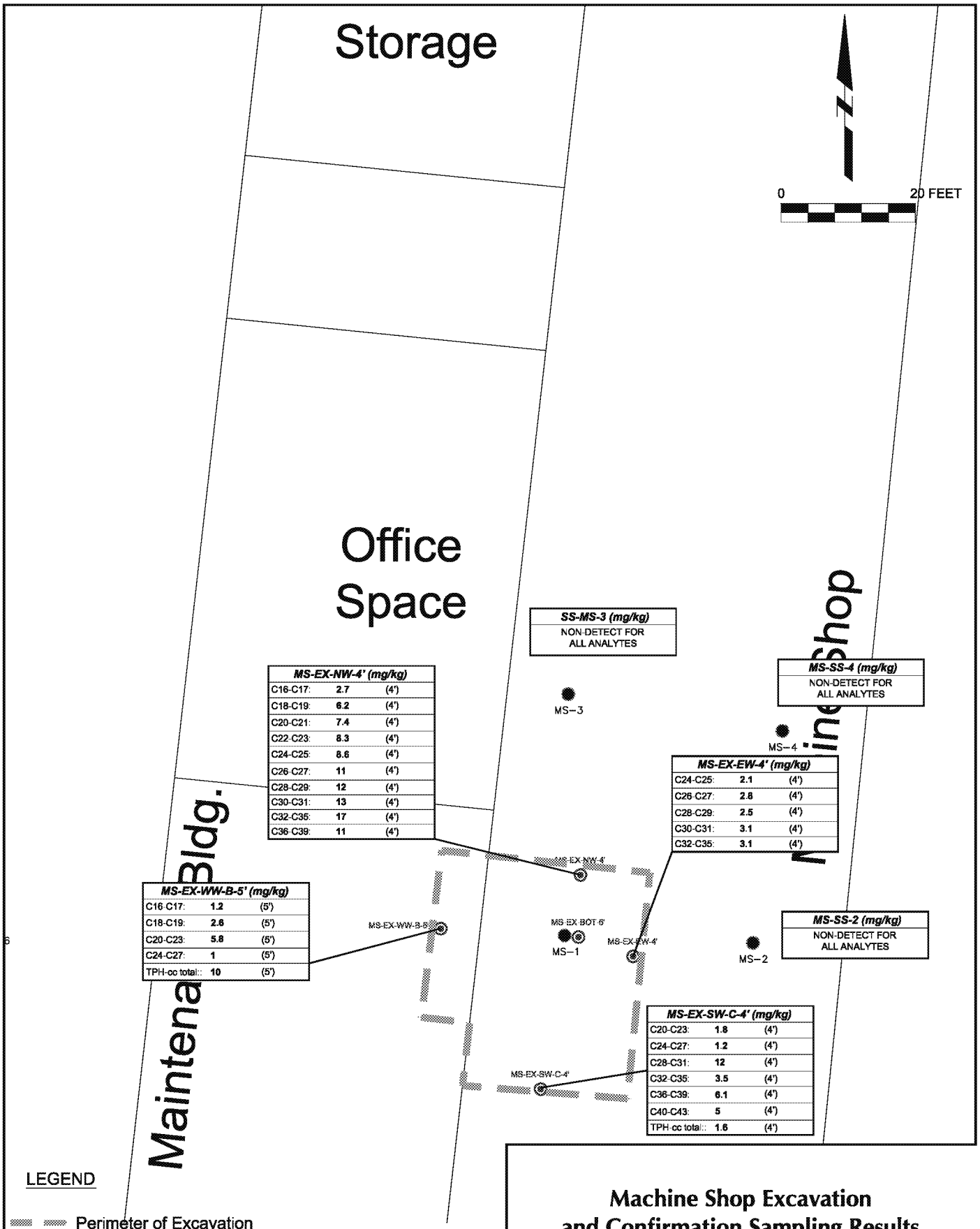
Figure 6

K:\Data\Graphics\10000\10311\10311-SiteMap.dwg [F6] 8/1/05 3:47pm JLOVING XREFS:



Machine Shop Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

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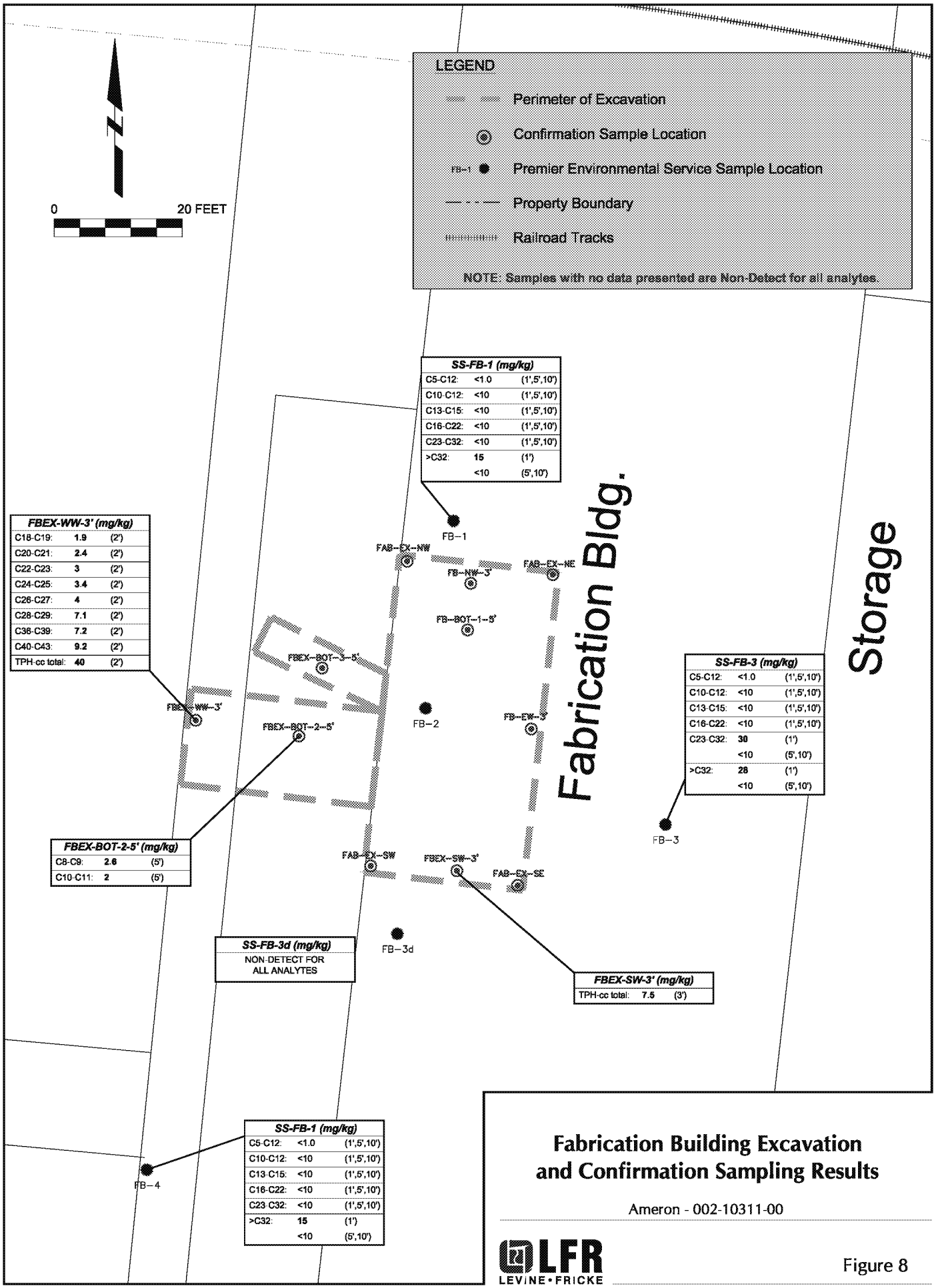
Figure 7

K:\Data\Graphics\10000\10311\10311-SiteMap.dwg [F7] 8/1/05 3:47pm JLOVING XREFS:



K:\Data\Graphics\10000\10311\10311-SiteMap.dwg [F8] 8/1/05 3:47pm JLOVING XREFS:

Fabrication Building Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

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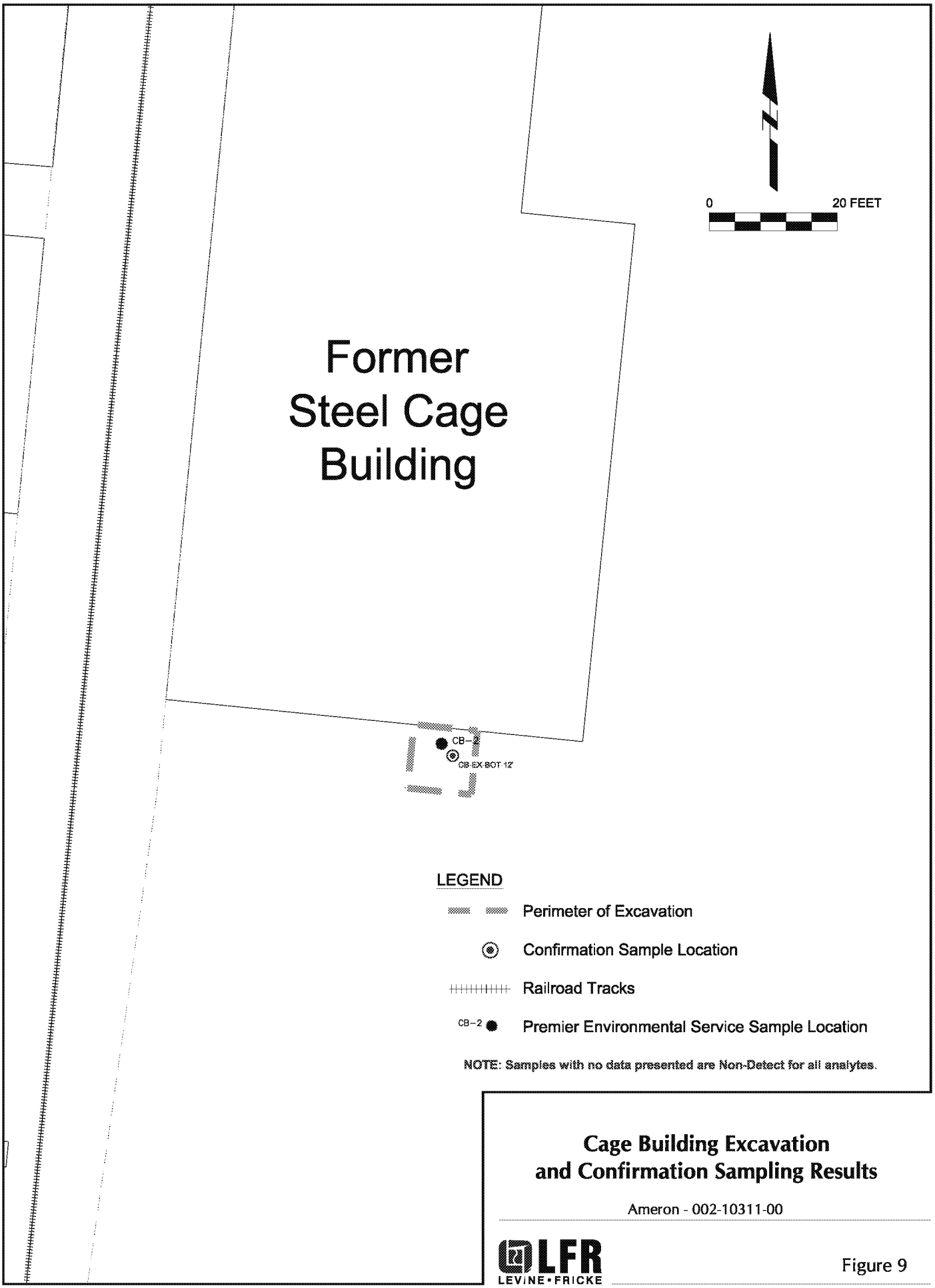
Figure 8



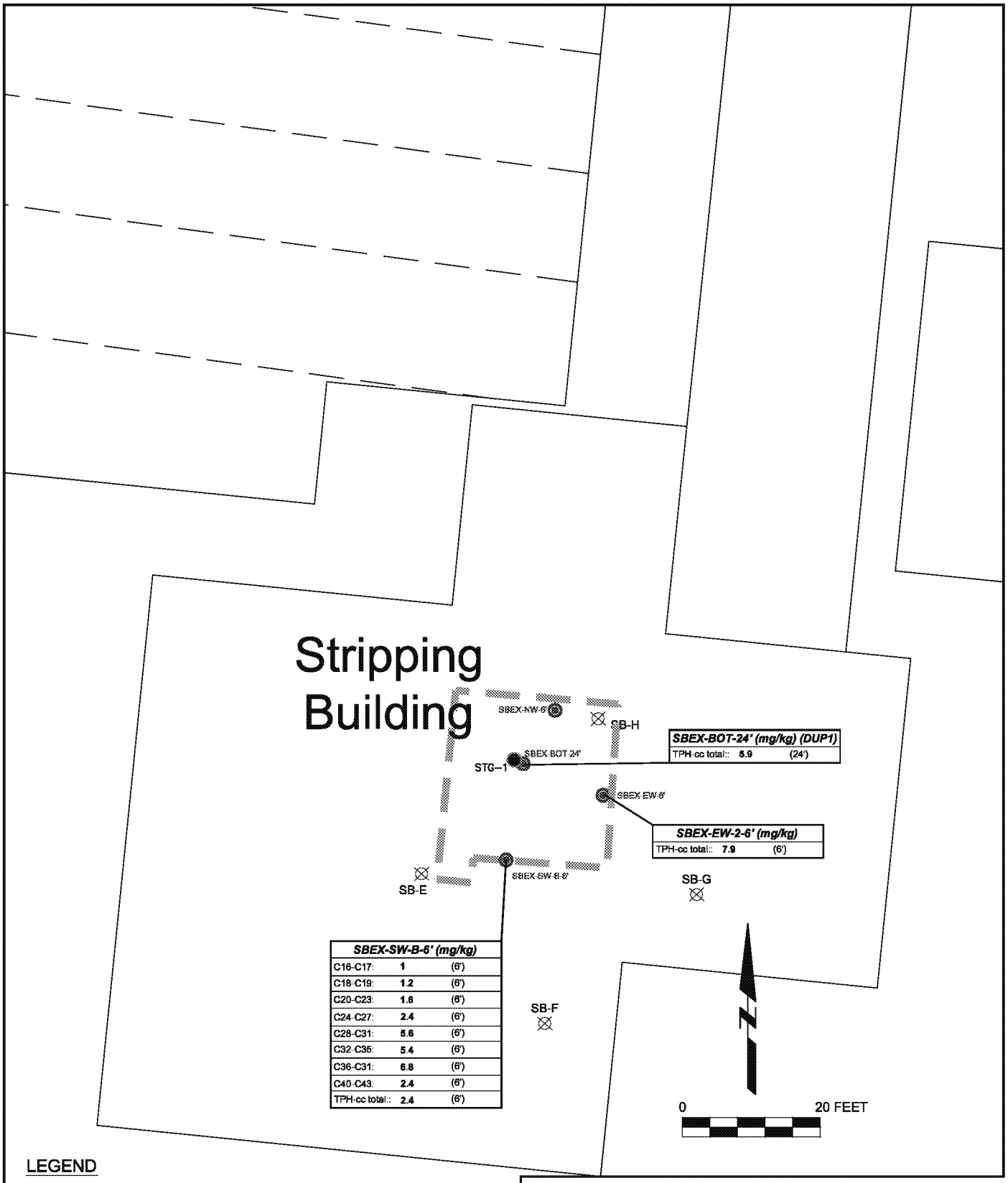
Cage Building Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

LFR LEVINE•FRICKE

Figure 9

K:\Data\Graphics\10000\10311\10311-SiteMap.dwg [F9] 8/1/05 3:47pm JLOVING XREFS:



SBEX-SW-B-6' (mg/kg)		
C16-C17:	1	(6')
C18-C19:	1.2	(6')
C20-C23:	1.8	(6')
C24-C27:	2.4	(6')
C28-C31:	5.6	(6')
C32-C35:	5.4	(6')
C36-C31:	6.8	(6')
C40-C43:	2.4	(6')
TPH-cc total::	2.4	(6')

LEGEND

- Perimeter of Excavation
- Confirmation Sample Location
- Characterization Investigation Sample Location
- STG-1 Premier Environmental Service Sample Location

NOTE: Samples with no data presented are Non-Detect for all analytes.

Stripping Building Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

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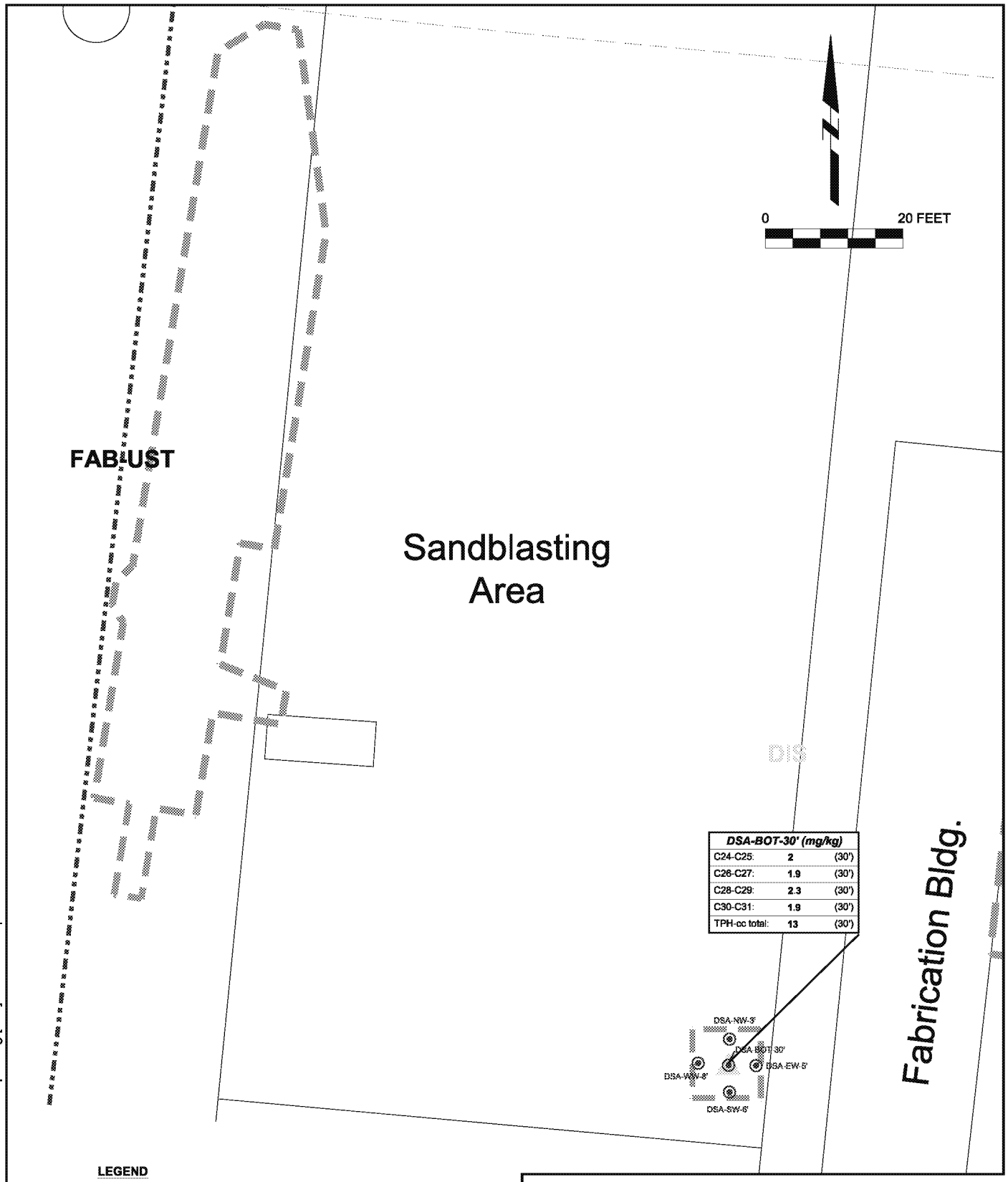
Figure 10

K:\Data\Graphics\10000\10311\10311-SiteMap.dwg [F10] 8/1/05 3:47pm JLOVING XREFS:



DSA-BOT-30' (mg/kg)		
C24-C25:	2	(30')
C26-C27:	1.9	(30')
C28-C29:	2.3	(30')
C30-C31:	1.9	(30')
TPH-cc total:	13	(30')

LEGEND

- Perimeter of Excavation
- Property Boundary
- Discolored Soil Sample Location
- Confirmation Sample Location

NOTE: Samples with no data presented are Non-Detect for all analytes.

Discolored Soil Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

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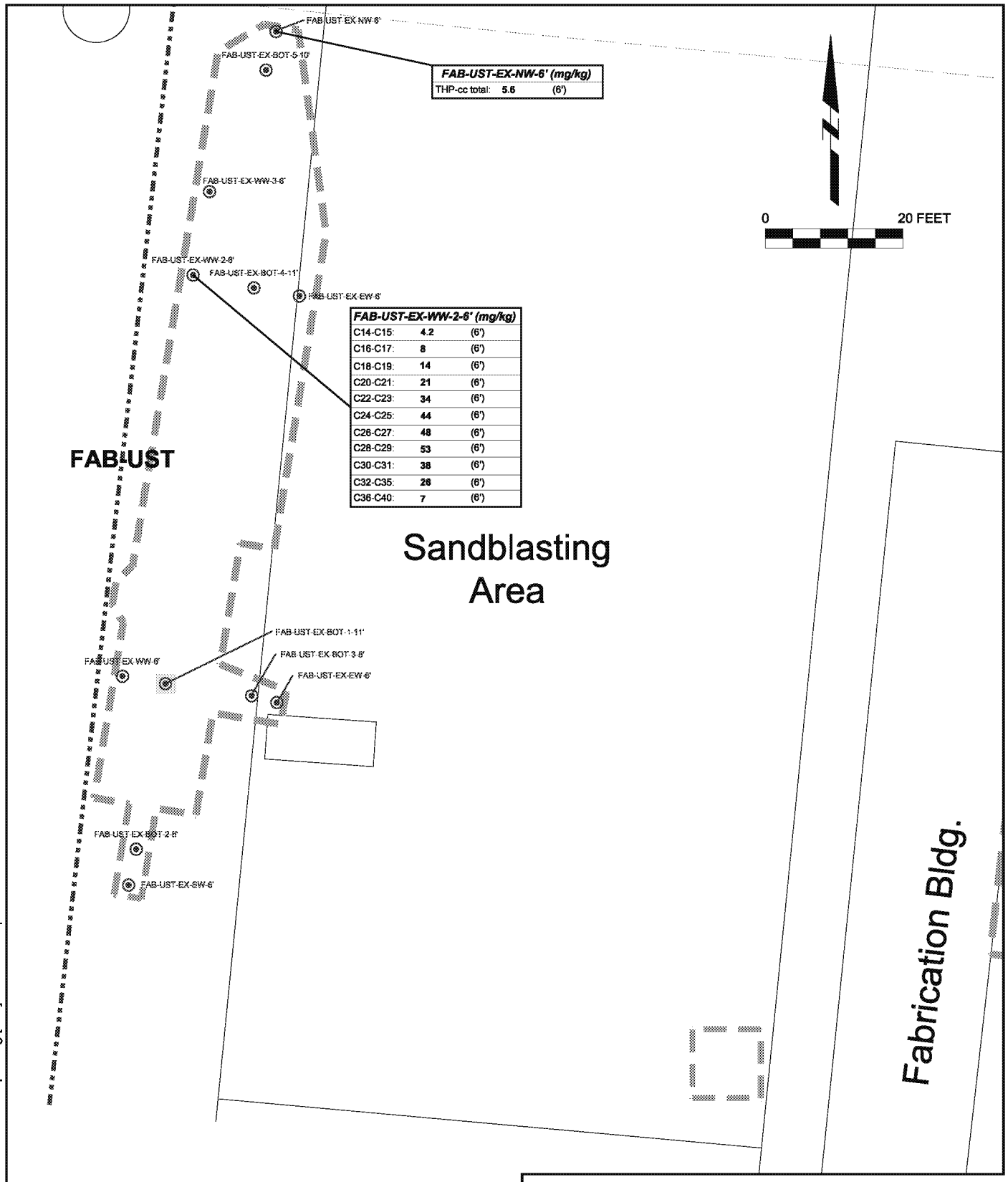
Figure 11

K:\Data\Graphics\10000\10311\400\10311-SiteMapB.dwg [F11] 8/1/05 3:45pm JLOVING XREFS:



FAB-UST-EX-NW-6' (mg/kg)		
THP-cc total:	5.6	(6')

FAB-UST-EX-WW-2-6' (mg/kg)		
C14-C15:	4.2	(6')
C16-C17:	8	(6')
C18-C19:	14	(6')
C20-C21:	21	(6')
C22-C23:	34	(6')
C24-C25:	44	(6')
C26-C27:	48	(6')
C28-C29:	53	(6')
C30-C31:	38	(6')
C32-C35:	26	(6')
C36-C40:	7	(6')

LEGEND

Perimeter of Excavation

Property Boundary

Confirmation Sample Location

NOTE: Samples with no data presented are Non-Detect for all analytes.

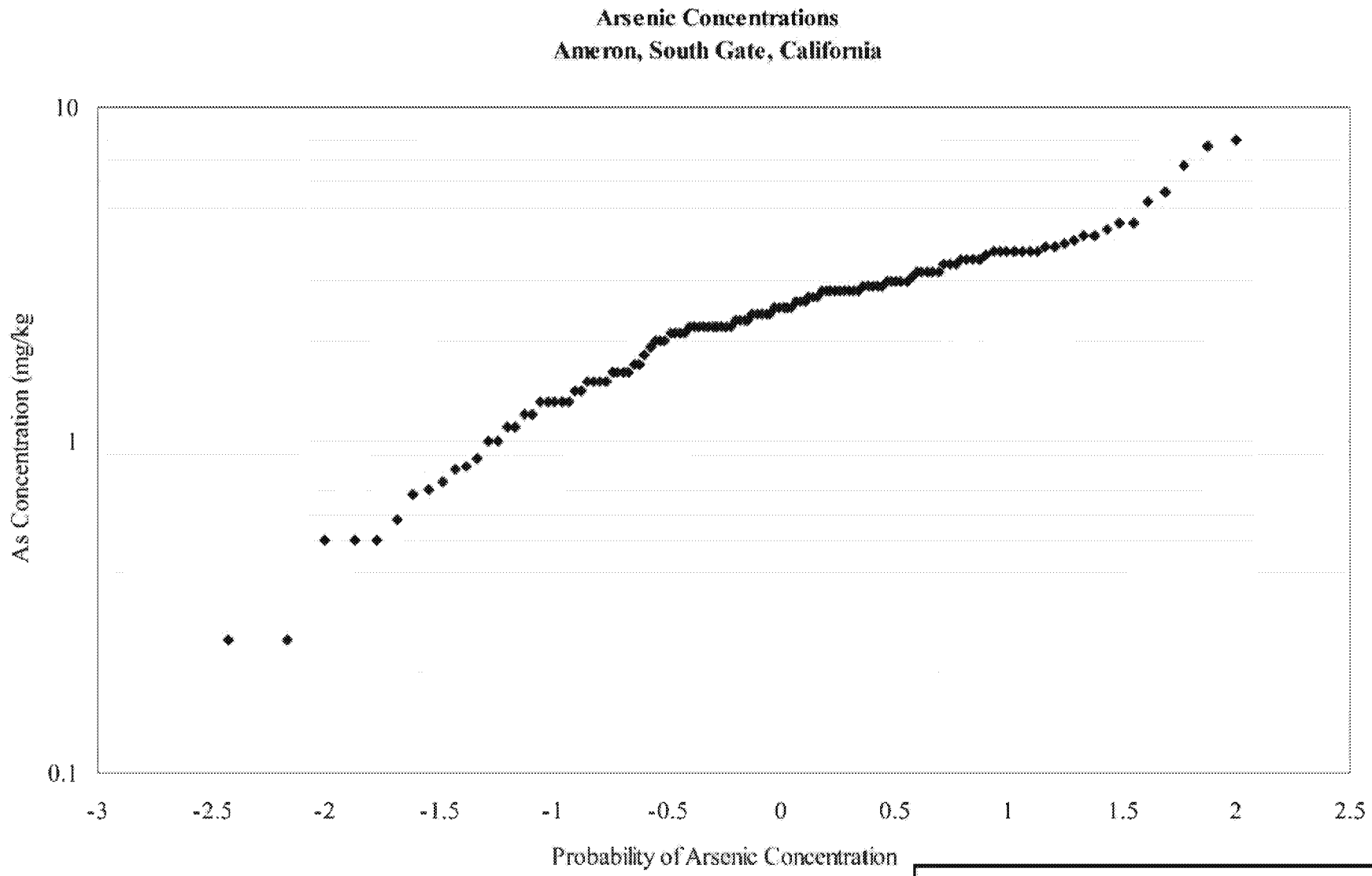
Fabrication Building UST Excavation and Confirmation Sampling Results

Ameron - 002-10311-00

LFR LEVINE•FRICKE

Figure 12

K:\Data\Graphics\10000\10311\400\10311-SiteMapB.dwg [F12] 8/1/05 3:45pm JLOVING XREFS:



Probability Plot for Arsenic

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Figure 13

K:\Data\Graphics\10000\10311\400\10311-SiteMapB.dwg [F13 (2)] 11/11/05 1:32pm JLOVING XREFS:

APPENDIX A

LFR Field Protocols for Sampling

LFR FIELD PROTOCOLS FOR SAMPLING

Pre-Sampling Activities

LFR prepared a site-specific Health and Safety Plan (HSP) for the sampling activities. All LFR employees at the Site, as well as subcontractors and regulatory personnel, were required to read and sign the HSP in order to familiarize themselves with the safety procedures and protocols to be maintained. A copy of the HSP was available on site during field activities for reference and review by regulatory or site personnel.

All proposed sampling locations were marked as required by Underground Service Alert (USA). LFR contacted USA at least three days before commencement of the field work to obtain a utility clearance ticket number. LFR also subcontracted with a subsurface utility locator to screen the proposed sampling locations. In addition, sample locations were surveyed by a licensed surveyor.

Drilling of Soil Borings and Collection of Soil Samples for TPH, Arsenic, and Volatile Organic Compound Analysis

A Geoprobe sampling system (Geoprobe), or equivalent, was used to collect soil samples from beneath the Site. The Geoprobe consisted of a van or pickup truck-mounted hydraulic ram/pneumatic hammer system that pushed 4-foot-long 1.25-inch-diameter rods. Soil samples were collected by attaching a 2-foot-long 1.6-inch-diameter stainless steel core sampler (Probe-Drive Sampler) to the bottom of the rods. Alternatively, a 4-foot-long 2-inch-diameter Macro-core sampler was attached to the bottom of the rods.

The Probe-Drive Sampler consisted of the sampler, a sample tube, a piston tip attached to a piston rod, a drive head, and a piston stop pin. The sample tubes were placed in the sampler. The piston tip and attached piston rod were placed into the sampler from the bottom, and the drive head was screwed onto the top of the sampler. The piston stop-pin was then screwed into the top of the drive head, and the sampler was attached to the 1-inch drive rods.

Soil samples were collected by driving the sampler and rods to the target depth. The piston stop pin prevented the piston tip and rod from rising into the sampler so that the Probe-Drive Sampler remained completely sealed while was being pushed or driven to the desired sampling depth. Once the target depth was reached, the piston stop-pin was removed by means of extension rods inserted down the inside diameter of the probe rods. The sampler was then pushed approximately 24 inches. As the sampler was pushed down, the piston tip and rod rose in the sampler on top of the intruding soil. The rods and sampler were then retrieved. The sampler was then disassembled, the sample tubes removed for identification and analysis, and the apparatus decontaminated prior to reuse.

The Macro-core sampler consisted of the sampler, cutting shoe, point assembly, drive head, sample sleeve, and (optional) sand catcher. Once assembled, the point assembly was placed in the cutting shoe and locked in place. The sample was then driven to the target depth and the point assembly was unlocked using extension rods lowered through the drive rods. The sampler was then be driven another 4 feet, and the sampler and drive rods were retrieved, the sampler disassembled, and the sample tube removed for identification and analysis. The apparatus was decontaminated prior to reuse.

Upon retrieval, the sample sleeves containing the soil samples were removed from the sampler, capped with Teflon sheets, and sealed with plastic end caps. The samples were then labeled, recorded on a chain-of-custody, and placed in cold storage pending delivery to the laboratory for analysis. All soil samples collected during the investigation were submitted to an independent State-certified laboratory for analysis.

Upon completion of sampling procedures and retrieval of equipment, the boreholes were backfilled with a bentonite slurry and resurfaced to near original condition.

Sample Intervals

Soils were sampled at the intervals specified in the workplan, or at the discretion of the geologist based on field observations such as changes in lithology, visual observations of staining or measurements of volatile emissions.

Sample Selection

In each boring, one polyethylene tube from each sampling interval was retained for possible chemical analysis. The selection of soil samples to be submitted for chemical analysis was based on the workplan, and may have been augmented based on field observations such as volatile organic compound (VOC) or total petroleum hydrocarbon (TPH) emission measurements using a flame ionization detector (FID) or photoionization detector (PID), lithology, and soil staining. The FID or PID was calibrated prior to use. One soil sample from each sampling interval was placed in a plastic bag (which was then sealed), broken apart, and allowed to stand for a minimum of 5 minutes prior to screening. The concentration of emissions in the resultant “head space” gas was then measured with the FID or PID and recorded. Lithology was evaluated to select samples with finer grain size for VOC analysis.

Lithologic Description

Soil samples were lithologically described and classified using the Unified Soil Classification System (USCS). A lithologic log was prepared for each boring. Blow counts were recorded at each sampling interval to evaluate consistency of the soils. Drilling and logging were performed under the direction of an LFR California Professional Geologist.

LFR Soil Sample Collection Procedures for VOCs Using EPA Method 5035

Discrete soil samples collected for VOC analysis were obtained using EPA Method 5035. Soil samples were preserved in the field or by the laboratory. Discrete soil samples for VOC analysis were collected assuming that the concentrations were unknown. Soil samples were obtained by either collecting soil from a sampling sleeve using a syringe, or by thrusting the En Core™ sampler into the soil until it was full. Descriptions of the syringe method and En Core™ sampler method are provided below.

If soil samples were collected from a syringe, they were preserved in the field. For soil samples preserved in the field, each soil sample consisted of two subsamples (soil that was collected with a clean syringe and extracted into laboratory-provided vials that contained preweighed amounts of methanol or sodium bisulfate). If soil samples were preserved in the laboratory, each soil sample consisted of either two clean 5-gram En Core™ samplers or one clean 25-gram En Core™ sampler.

The sample containers were placed in a sealable plastic bag in a portable cooler. The samples were immediately placed on ice and were kept cooled and on ice or in a refrigerator until transport to the laboratory (at 4°C ±2°C). Sample collection, handling, and custody procedures were documented in the field logbook. Soil samples collected for analytical testing were maintained under strict chain-of-custody protocol.

Procedures for Collecting Soil Samples with the En Core™ Sampler

Before taking sample:

1 To ensure that the plunger moved freely, the clean coring body was held while the plunger rod was pushed down until the small o-ring rested against the tabs.

2 The locking lever on the En Core™ T-Handle was depressed. The coring body was placed into the open end of the T-Handle, plunger end first, aligning the two slots on the coring body with the two locking pins in the T-Handle. The coring body was twisted clockwise to lock the pins in the slots. Before the sampler was used, it was checked to ensure that the sampler was locked in place.

Taking sample:

1 The T-Handle was turned with the T up and the coring body down. This positioned the plunger bottom flush with the bottom of the coring body to ensure that the plunger bottom was in position. Using the T-Handle, the sampler was pushed into soil until the coring body was completely full. When full, the small o-ring was centered in the T-Handle viewing hole and the sampler was removed from the soil. Excess soil was wiped from the exterior of the coring body.

2 The cap coring body was opened while it was still on the T-handle. The cap was pushed over the flat area of the ridge and twisted to lock it in place, in order to seal the sampler.

3 The coring body and plunger were cleaned using the triple rinse procedure.

Preparing Sampler for Shipment:

1 The capped sampler was removed by depressing the locking lever on the T-Handle while twisting and pulling the Sampler from the T-Handle.

2 The plunger was locked by rotating the extended plunger rod fully counter-clockwise until the wings rested firmly against the tabs.

3 The completed circular label (from En Core™ Sampler bag) was attached to the cap on the coring body. The sampler was labeled with all the required sampling information, and then placed in the chilled cooler for delivery to the analytical laboratory.

4 The full En Core™ Sampler was returned to the zipper bag, which was sealed and placed on ice.

Field Logbook Recordings

The LFR field technician recorded sampling activities, sampling locations, site observations, and other pertinent information on field service forms. Information that was recorded in the field logbooks included date, starting time, site identification, meteorological conditions, sample identification numbers, location and description of sampling points, number of samples collected, time of sample collection, photo log, deviations from workplan, field personnel protection, level of personnel protection, field observations and parameters, problems encountered and actions taken to resolve problems, and the signature of the person making the entry. Information was recorded in permanent ink. If an error was made, corrections were made by crossing a line through the error and entering the correct information. Changes were initialed.

Boring Logs

Soil lithology was logged by an experienced field geologist under the supervision of a California Registered Geologist. Recovered soil samples were field screened for evidence of contamination using an organic vapor analyzer along with visual senses. Information that was recorded on the boring logs included Registered Professional (P.E. or R.G.) responsible for the boring log (stamp, signature, license number, and expiration date), boring location (survey coordinates or identification number), surface elevation (if known), outside boring diameter, total depth, depth to groundwater (during drilling and static), sample identification, interval, percent recovery in sample tubes, USCS soil classification group name and symbol, major and minor soil

constituents and their relative percentages, soil color, soil moisture, odor, observations regarding the possible presence of contaminants, grain size and shape, field estimation of moisture content, field instrumentation readings, sampling intervals, and other pertinent details.

Borehole Abandonment

After samples were collected from a boring, the boring was completely filled with grout/bentonite to within 6 inches of the ground surface. The upper 6 inches of each boring were then filled to the ground surface with a cement or asphalt slurry.

Decontamination Procedures

To reduce the potential for cross contamination, soil sampling equipment was properly cleaned prior to use at each sampling location. Sampling equipment was either steam cleaned or washed with a laboratory grade non-phosphate detergent solution and double-rinsed with deionized water. Equipment that came into contact with potentially contaminated soil was decontaminated consistently to ensure the quality of samples collected. Disposable equipment intended for one-time use was not decontaminated, but was packaged for appropriate disposal. Decontamination occurred prior to and after each use of a piece of equipment.

All drilling and sampling devices used at the Site were decontaminated using the following procedures:

- non-phosphate detergent and tap water wash, in a 5-gallon plastic bucket, using a brush
- initial deionized/distilled water rinse, in a 5-gallon plastic bucket
- final deionized/distilled water rinse, in a 5-gallon plastic bucket

Equipment was decontaminated in a pre-designated area on plastic sheeting, and clean bulky equipment was stored on plastic sheeting in uncontaminated areas. Cleaned small equipment was stored in plastic bags. Materials that were stored more than a few hours were also covered.

Chain-of-Custody Records

A chain-of-custody record accompanied all sample shipments. Chain-of-custody forms were completed and sent with each shipment for each laboratory. If multiple coolers were sent to a single laboratory on a single day, a chain-of-custody form was completed for each cooler. The chain-of-custody record identified the contents of each shipment and maintained the custodial integrity of the samples. Generally, a sample was considered to be in someone's custody if it was either in someone's physical possession, in someone's view, locked up or kept in a secured area that was restricted to authorized personnel. Until the samples were received by the laboratory, sample

custody was the responsibility of the sample collector. Sample container labels included a unique sample identification number, the name of the person collecting the sample, the time the sample was collected, project identification, sample location, analytical parameters, date sampled, and any preservative added to the sample.

Sample Transfers

Strict chain-of-custody protocol was followed throughout all sample transfers. A chain-of-custody document was completed in triplicate. One copy accompanied the samples to the laboratory, one was retained by the sampler, and the third was forwarded to the LFR data management system.

Field QA/QC Procedures

Field QA/QC procedures performed at the Site consisted of the following measures:

- Chain-of-custody forms were used to submittal samples to the laboratory.
- Daily information regarding soil sample collection was recorded in field logbooks dedicated to this project. Sample types, soil descriptions, sample identification numbers, and sample times were collected and recorded on field data sheets and in the field logbooks. Pages were numbered, dated, and signed by the person performing data entry.

Field QA/QC samples were collected and submitted for analysis along with the discrete soil samples, using the following sampling frequency:

- equipment blanks – one equipment rinsate blank per field day
- field blanks – one field blank sample per field day
- field duplicates – one duplicate for every 10 discrete samples
- travel blanks – one travel blank per field day for all soil samples (only if soil samples collected are analyzed for VOCs)

Equipment Rinsate Blanks

An equipment rinsate blank (equipment blank) was collected from the final water rinsed over equipment after cleaning activities had been performed. The equipment blank was collected from non-dedicated (reusable) sampling equipment such as soil sampling tools and sampling equipment. The equipment blank was analyzed using the same analytical method used on the unique soil samples.

To collect an equipment blank sample, distilled water was carefully poured over or through the recently cleaned equipment, and collected directly into an appropriated

sample container held over a bucket. Equipment blank samples were stored and processed in the same manner as all other samples.

Field Blanks

Field blank samples consisted of a sample of the distilled deionized water that was used to wash sampling equipment during equipment cleaning activities. The purpose of the field blank sample was to evaluate the water for PCOCs. A field blank sample was collected by pouring distilled water into the appropriate sample container. Field blank samples were stored and processed in the same manner as all other aqueous samples.

Field Duplicate Sample

Duplicate soil samples were collected to evaluate the analytical procedures and methods employed by the laboratory. The field duplicate sample was collected immediately after collecting the original soil sample. One field duplicate was collected for every 10 soil samples collected.

Travel Blanks

Travel blank samples were utilized if the soil samples that were collected were analyzed for VOCs to determine cross contamination of potential chemicals of concern (PCOCs) during travel. One travel blank per field day was utilized for all soil samples.

Investigation-Derived Wastes

Waste soils produced during sampling activities were contained in Department of Transportation-approved drums, labeled, and temporarily stored on site pending receipt of the analytical data and evaluation of appropriate disposal options.

The volume of investigation-derived wastes was estimated to be relatively small. All soil cuttings were collected in a 55-gallon drum, labeled, and secured on the Site. The Office of Emergency and Remedial Response Directive 9345.3-02 (May 1991), which provides guidance for the management of investigation-derived wastes, was followed. Liquids generated from the proposed sampling activities (estimated to be less than 20 gallons) were collected in a 55-gallon drum, labeled, and secured on the Site. All waste material generated was properly disposed of in accordance with local, state, and federal regulations.

Field Measurements

Field measurements included use of a PID and/or FID to measure volatile emissions from soils and to monitor concentrations of volatiles in air.

QA/QC

One duplicate soil sample per every 10 soil samples was collected and submitted for laboratory analysis. The duplicate sample was given a different identifier for laboratory analytical purposes.

Other QA/QC measures included obtaining equipment blanks (one per day), field blanks (one per day), and travel blanks (only if soil samples collected are analyzed for VOCs) (one per day) for laboratory analysis. These samples were immediately placed in a chilled cooler to avoid loss of VOCs.

Housekeeping/Cleanliness

Sampling equipment was triple rinsed prior to collection of each sample to avoid cross contamination. The equipment was first cleaned by scrubbing with a mixture of deionized water and non-phosphate detergent. A primary rinse of the equipment was then conducted. After the primary rinse, the equipment was given a final clean rinse with deionized water. Disposable equipment, including gloves, was replaced between sampling locations.

APPENDIX B

Certified Analytical Laboratory Reports and Chain-of-Custody Documentation for Soil Samples

Del Mar Analytical

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: Ameron
002-10311.00

Sampled: 07/07/05
Received: 07/07/05
Issued: 07/15/05 08:48

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 5°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOG0421-01	RR-OB-1-070705	Soil
IOG0421-02	MS-OB-1-070705	Soil

Reviewed By:

Del Mar Analytical, Irvine
Patty Mata
Project Manager

Del Mar Analytical

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0421

Sampled: 07/07/05
Received: 07/07/05

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0421-01 (RR-OB-1-070705 - Soil)								
Reporting Units: mg/kg								
Lead	EPA 6020	5G12073	0.50	**18**	1	7/12/2005	7/14/2005	
Sample ID: IOG0421-02 (MS-OB-1-070705 - Soil)								
Reporting Units: mg/kg								
Lead	EPA 6020	5G12073	0.50	**46**	1	7/12/2005	7/14/2005	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0421

Sampled: 07/07/05
Received: 07/07/05

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G12073 Extracted: 07/12/05										
Blank Analyzed: 07/14/2005 (5G12073-BLK1)										
Lead	ND	0.50	mg/kg							
LCS Analyzed: 07/14/2005 (5G12073-BS1)										
Lead	49.7	0.50	mg/kg	50.0		99	80-120			
Matrix Spike Analyzed: 07/14/2005 (5G12073-MS1)					**Source: IOG0468-04**					
Lead	52.3	0.50	mg/kg	50.0	4.5	96	75-125			
Matrix Spike Dup Analyzed: 07/14/2005 (5G12073-MSD1)					**Source: IOG0468-04**					
Lead	51.7	0.50	mg/kg	50.0	4.5	94	75-125	1	20	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0421

Sampled: 07/07/05
Received: 07/07/05

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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002-10311.00
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Sampled: 07/07/05
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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 6020	Soil	N/A	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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(221)

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

SAMPLE COLLECTOR: LFR LEVINE•FRICKE
3150 Bristol Street, Suite 250
Costa Mesa, California 92626
(714) 444-0111, Fax (714) 444-0117

PROJECT NO.: 002-10311.00
SECTION NO.: 300
DATE: 7-7-05
SAMPLER'S INITIALS: [illegible]
PROJECT NAME: Ameron
SAMPLER (Signature): [illegible]
SERIAL NO.: 03278

SAMPLE / ANALYSES

	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260)*	BTEX / MTBE (8260)	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)	TOTAL LEAD			Standard	RUSH:	HOLD	REMARKS
1	RR-OB1-070705	7-7-05	12:30		1 ea	X											X			X			QUESTIONS TO
2	MS-OB-1-070705	↓	12:35		↓	X											X			X			MELISSA SCHUETZ
3																							@LFR
4																							
5																							IOG0421
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							AG

SAMPLE RECEIPT: ☒ Intact ☐ Cold ☒ On Ice ☐ Ambient
Cooler Temp: 5°C
Cooler No:
Preservative Correct? ☐ Yes ☐ No ☒ N/A

METHOD OF SHIPMENT: Carrier
LAB REPORT NO.:
FAX COC CONFIRMATION TO: M. SCHUETZ

RELINQUISHED BY: 1 [signature] 7-7-05 (SIGNATURE) (DATE)
BRIAN T. WHITE 12:40 (PRINTED NAME) (TIME)
LFR (COMPANY)

RELINQUISHED BY: 2 [signature] 7/7/05 (SIGNATURE) (DATE)
EMILIO ACEVES (PRINTED NAME) (TIME)
DELMAR AN 1345 (COMPANY)

RELINQUISHED BY: 3 (SIGNATURE) (DATE) (PRINTED NAME) (TIME) (COMPANY)

ANALYTICAL LABORATORY: DELMAR

FAX RESULTS TO: ↓
SEND HARDCOPY TO:
SEND EDD TO:

RECEIVED BY: 1 [signature] 7/7/05 (SIGNATURE) (DATE)
EMILIO ACEVES 1240 (PRINTED NAME) (TIME)
DELMAR AN (COMPANY)

RECEIVED BY: 2 G. Ruiz 7/7/05 (SIGNATURE) (DATE)
G. RUIZ 1345 (PRINTED NAME) (TIME) (COMPANY)

RECEIVED BY (LABORATORY): 3 (SIGNATURE) (DATE) (PRINTED NAME) (TIME) (LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO: 2001/COC/TWT

Del Mar Analytical

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LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: Ameron
002-10311.00

Sampled: 07/07/05
Received: 07/07/05
Issued: 07/14/05 13:12

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 5°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: EPA 8015-TPH Carbon Chain extractions were performed using less than the usual sample weights due to moist sample matrix. The soil was mixed with a drying agent during extraction, but due to fairly wet sample matrix, there was a need for more drying agent. Space is limited in the extraction vessels, so a smaller sample amount was used in order to accommodate the extra drying agent required. The smaller initial sample amount caused elevated reporting limits. Affected reporting limits were flagged with 'RL-1' qualifiers.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOG0419-01	RR-EX-06-2'	Soil
IOG0419-02	RR-EX-07-2'	Soil
IOG0419-03	RR-EX-08-2'	Soil
IOG0419-04	RR-EX-09-2'	Soil
IOG0419-05	RR-EX-10-2'	Soil
IOG0419-06	RR-EX-11-2'	Soil

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Patty Mata
Project Manager

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LABORATORY ID	CLIENT ID	MATRIX
IOG0419-07	RR-EX-12-2'	Soil
IOG0419-08	RR-EX-13-2'	Soil
IOG0419-09	RR-EX-14	Soil
IOG0419-10	RR-EX-15	Soil
IOG0419-11	RR-EX-16	Soil
IOG0419-12	RR-EX-17	Soil

Reviewed By:

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0419-01 (RR-EX-06-2' - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**1.5**	1	7/12/2005	7/12/2005	
Sample ID: IOG0419-02 (RR-EX-07-2' - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**1.5**	1	7/12/2005	7/13/2005	
Sample ID: IOG0419-03 (RR-EX-08-2' - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**2.9**	1	7/12/2005	7/13/2005	
Sample ID: IOG0419-04 (RR-EX-09-2' - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**68**	1	7/12/2005	7/13/2005	
Sample ID: IOG0419-05 (RR-EX-10-2' - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**1.5**	1	7/12/2005	7/13/2005	
Sample ID: IOG0419-06 (RR-EX-11-2' - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**0.69**	1	7/12/2005	7/13/2005	
Sample ID: IOG0419-07 (RR-EX-12-2' - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**43**	1	7/12/2005	7/13/2005	
Sample ID: IOG0419-08 (RR-EX-13-2' - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	ND	1	7/12/2005	7/13/2005	
Sample ID: IOG0419-09 (RR-EX-14 - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	ND	1	7/12/2005	7/13/2005	
Sample ID: IOG0419-10 (RR-EX-15 - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**1.6**	1	7/12/2005	7/13/2005	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0419-11 (RR-EX-16 - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**0.88**	1	7/12/2005	7/12/2005	
Sample ID: IOG0419-12 (RR-EX-17 - Soil)				**Sampled: 07/07/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**0.58**	1	7/12/2005	7/13/2005	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0419-01 (RR-EX-06-2' - Soil)					**Sampled: 07/07/05**				**RL-1**
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	ND	1.99	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*70 %*					
Sample ID: IOG0419-02 (RR-EX-07-2' - Soil)					**Sampled: 07/07/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	**13**	2	100	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*72 %*					

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0419-03 (RR-EX-08-2' - Soil)					**Sampled: 07/07/05**				**RL-1**
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/13/2005	
Surrogate: n-Octacosane (40-130%)				*82 %*					
Sample ID: IOG0419-04 (RR-EX-09-2' - Soil)					**Sampled: 07/07/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	5.0	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*64 %*					

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0419-05 (RR-EX-10-2' - Soil)					**Sampled: 07/07/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	20	**22**	3.99	100	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	7.2	ND	3.99	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*74 %*					
Sample ID: IOG0419-06 (RR-EX-11-2' - Soil)					**Sampled: 07/07/05**				**RL-1**
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*65 %*					

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Patty Mata
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Project ID: Ameron
002-10311.00
Report Number: IOG0419

Sampled: 07/07/05
Received: 07/07/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0419-07 (RR-EX-12-2' - Soil)					**Sampled: 07/07/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	**23**	2	100	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	**4.4**	2	19	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	**3.8**	2	17	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*74 %*					
Sample ID: IOG0419-08 (RR-EX-13-2' - Soil)					**Sampled: 07/07/05**				**RL-1**
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*65 %*					

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002-10311.00
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Sampled: 07/07/05
Received: 07/07/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0419-09 (RR-EX-14 - Soil)					**Sampled: 07/07/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	5.0	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	1.8	ND	1	N/A	7/10/2005	7/13/2005	
Surrogate: n-Octacosane (40-130%)				*74 %*					
Sample ID: IOG0419-10 (RR-EX-15 - Soil)					**Sampled: 07/07/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	20	**45**	4	100	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	7.2	**7.9**	4	18	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	7.2	**7.5**	4	17	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	7.2	**7.9**	4	18	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	7.2	ND	4	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*85 %*					

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Project ID: Ameron
002-10311.00
Report Number: IOG0419

Sampled: 07/07/05
Received: 07/07/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0419-11 (RR-EX-16 - Soil)					**Sampled: 07/07/05**				**RL-1**
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*67 %*					
Sample ID: IOG0419-12 (RR-EX-17 - Soil)					**Sampled: 07/07/05**				**RL-1**
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*68 %*					

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METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G10023 Extracted: 07/10/05										
Blank Analyzed: 07/11/2005 (5G10023-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.78*		*mg/kg*	*6.67*		*72*	*40-130*			
LCS Analyzed: 07/11/2005 (5G10023-BS1)										
EFH (C8 - C40)	23.7	5.0	mg/kg	33.3		71	40-120			
Surrogate: n-Octacosane	*4.62*		*mg/kg*	*6.67*		*69*	*40-130*			
Matrix Spike Analyzed: 07/11/2005 (5G10023-MS1)					**Source: IOG0419-04**					
EFH (C8 - C40)	23.5	5.0	mg/kg	33.3	ND	71	30-125			
Surrogate: n-Octacosane	*4.49*		*mg/kg*	*6.67*		*67*	*40-130*			
Matrix Spike Dup Analyzed: 07/11/2005 (5G10023-MSD1)					**Source: IOG0419-04**					
EFH (C8 - C40)	19.4	5.0	mg/kg	33.3	ND	58	30-125	19	30	
Surrogate: n-Octacosane	*3.74*		*mg/kg*	*6.67*		*56*	*40-130*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G12064 Extracted: 07/12/05										
Blank Analyzed: 07/12/2005 (5G12064-BLK1)										
Arsenic	ND	0.50	mg/kg							
LCS Analyzed: 07/12/2005 (5G12064-BS1)										
Arsenic	47.9	0.50	mg/kg	50.0		96	80-120			
Matrix Spike Analyzed: 07/12/2005 (5G12064-MS1)					**Source: IOG0419-11**					
Arsenic	38.7	0.50	mg/kg	50.0	0.88	76	75-125			
Matrix Spike Dup Analyzed: 07/12/2005 (5G12064-MSD1)					**Source: IOG0419-11**					
Arsenic	40.8	0.50	mg/kg	50.0	0.88	80	75-125	5	20	

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Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0419

Sampled: 07/07/05
Received: 07/07/05

DATA QUALIFIERS AND DEFINITIONS

RL-1 Reporting limit raised due to sample matrix effects.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Project ID: Ameron
002-10311.00
Report Number: IOG0419

Sampled: 07/07/05
Received: 07/07/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 6020	Soil	N/A	X
EPA 8015 MOD.	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

(221)

SAMPLE COLLECTOR:	PROJECT NO.:	SECTION NO.:	DATE:	SAMPLER'S INITIALS:	SERIAL NO.:
LFR LEVINE•FRICKE 3150 Bristol Street, Suite 250 Costa Mesa, California 92626 (714) 444-0111, Fax (714) 444-0117	002-10311.00	300	7-7-05	BJW	03277
	PROJECT NAME: Ameron		SAMPLER (Signature): [signature]		

SAMPLE / ANALYSES

	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260)*	BTEX / MTBE (8260)	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)	Arsenic		Standard	RUSH:	HOLD	REMARKS
1	RR-EX-06-2'	7-7-05	0630		1	X				X							X		X			QUESTION,
2	RR-EX-07-2'		0700																			COMMENTS
3	RR-EX-08-2'		0720																			RESULTS TO
4	RR-EX-09-2'		0750																			MELISSA SCHUETZ
5	RR-EX-10-2'		0830																			@ LFR
6	RR-EX-11-2'		0910																			
7	RR-EX-12-2'		0940																			IOG0419
8	RR-EX-13-2'		10:20																			
9	RR-EX-14		11:00																			
10	RR-EX-15		11:15																			
11	RR-EX-16		11:40																			
12	RR-EX-17		12:15																			
13																						
14																						A.G
15																						

SAMPLE RECEIPT:	METHOD OF SHIPMENT:	RELINQUISHED BY: 1	RELINQUISHED BY: 2	RELINQUISHED BY: 3
☒ Intact ☐ Cold ☒ On Ice ☐ Ambient — Cooler Temp: 5°C — Cooler No:	Cooler	[signature] 7-7-05 (SIGNATURE) (DATE)	[signature] 7/7/05 (SIGNATURE) (DATE)	(SIGNATURE) (DATE)
Preservative Correct? ☒ Yes ☐ No ☐ N/A	LAB REPORT NO.:	BRIAN J. WHITE 12:40 (PRINTED NAME) (TIME)	Emilio Acetes (PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
	FAX COC CONFIRMATION TO: M. SCHUETZ	LFR (COMPANY)	DELMAR AN 1345 (COMPANY)	(COMPANY)
ANALYTICAL LABORATORY: DEL MAR	FAX RESULTS TO:	RECEIVED BY: 1	RECEIVED BY: 2	RECEIVED BY (LABORATORY): 3
	SEND HARDCOPY TO:	[signature] 7/7/05 (SIGNATURE) (DATE)	G. Ruiz 7/7/05 (SIGNATURE) (DATE)	(SIGNATURE) (DATE)
	SEND EDD TO:	Emilio Acetes 1240 (PRINTED NAME) (TIME)	G. Ruiz 13:45 (PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
		DELMAR AN (COMPANY)	(COMPANY)	(LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO: 2001/COC/TWT

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LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: Ameron
002-10311.00

Sampled: 07/06/05
Received: 07/06/05
Issued: 07/13/05 15:16

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOG0276-01	AST-E-EX-EW-2'	Soil
IOG0276-02	AST-E-EX-SW-2'	Soil
IOG0276-03	AST-E-EX-NW-3'	Soil
IOG0276-04	AST-E-EX-WW-3'	Soil
IOG0276-05	AST-E-EX-BOT-2-8'	Soil
IOG0276-06	AST-E-EX-BOT-1-8'	Soil
IOG0276-07	AST-E-EX-BOT-3-4'	Soil
IOG0276-08	SG-EX-SW-3'	Soil
IOG0276-09	SG-EX-WW-3'	Soil
IOG0276-10	SG-EX-EW-3'	Soil
IOG0276-11	SG-EX-NW-3'	Soil

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

LABORATORY ID	CLIENT ID	MATRIX
IOG0276-12	SG-EX-BOT-7'	Soil
IOG0276-13	RR-EX-01-2'	Soil
IOG0276-14	RR-EX-02-2'	Soil
IOG0276-15	DUP-1-070605	Soil
IOG0276-16	RR-EX-03-2'	Soil
IOG0276-17	RR-EX-04-2'	Soil
IOG0276-18	RR-EX-05-2'	Soil
IOG0276-19	DUP-2-070605	Soil

Reviewed By:

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-01 (AST-E-EX-EW-2' - Soil)				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08010	20	ND	1.11	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-01 (AST-E-EX-EW-2' - Soil) - cont.				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08010	10	ND	1.11	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08010	2.0	ND	1.11	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08010	5.0	ND	1.11	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08010	100	ND	1.11	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*97 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-02 (AST-E-EX-SW-2' - Soil)				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08010	20	ND	1.02	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-02 (AST-E-EX-SW-2' - Soil) - cont.				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08010	10	ND	1.02	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	1.02	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08010	2.0	**2.0**	1.02	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08010	2.0	**6.9**	1.02	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08010	5.0	ND	1.02	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08010	100	ND	1.02	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				

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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-03 (AST-E-EX-NW-3' - Soil)				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08010	20	ND	0.911	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	

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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-03 (AST-E-EX-NW-3' - Soil) - cont.				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08010	10	ND	0.911	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08010	2.0	ND	0.911	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08010	5.0	ND	0.911	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08010	100	ND	0.911	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-04 (AST-E-EX-WW-3' - Soil)				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Bromobenzene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Bromochloromethane	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Bromodichloromethane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Bromoform	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Bromomethane	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
n-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
sec-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
tert-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Carbon tetrachloride	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Chlorobenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Chloroethane	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Chloroform	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Chloromethane	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
2-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
4-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Dibromochloromethane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Dibromomethane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,2-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,3-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,4-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Dichlorodifluoromethane	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
1,1-Dichloroethane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,2-Dichloroethane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,1-Dichloroethene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,3-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
2,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,1-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Ethylbenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Hexachlorobutadiene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Isopropylbenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
p-Isopropyltoluene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Methylene chloride	EPA 8260B	5G07027	20	ND	0.911	7/7/2005	7/7/2005	
Naphthalene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	

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Patty Mata
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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-04 (AST-E-EX-WW-3' - Soil) - cont.				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Styrene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Tetrachloroethene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Toluene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
1,1,1-Trichloroethane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,1,2-Trichloroethane	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Trichloroethene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Trichlorofluoromethane	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
1,2,3-Trichloropropane	EPA 8260B	5G07027	10	ND	0.911	7/7/2005	7/7/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Vinyl chloride	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
o-Xylene	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
m,p-Xylenes	EPA 8260B	5G07027	2.0	ND	0.911	7/7/2005	7/7/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G07027	5.0	ND	0.911	7/7/2005	7/7/2005	
tert-Butanol (TBA)	EPA 8260B	5G07027	100	ND	0.911	7/7/2005	7/7/2005	
Surrogate: Dibromofluoromethane (80-125%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				

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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-05 (AST-E-EX-BOT-2-8' - Soil)				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08010	20	ND	1	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	

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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-05 (AST-E-EX-BOT-2-8' - Soil) - cont.				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08010	10	ND	1	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08010	2.0	ND	1	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08010	5.0	ND	1	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08010	100	ND	1	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*88 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				

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Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-06 (AST-E-EX-BOT-1-8' - Soil)				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08010	20	ND	0.921	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	

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Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-06 (AST-E-EX-BOT-1-8' - Soil) - cont.				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08010	10	ND	0.921	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08010	2.0	ND	0.921	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08010	5.0	ND	0.921	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08010	100	ND	0.921	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*95 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				

Del Mar Analytical, Irvine
Patty Mata
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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-07 (AST-E-EX-BOT-3-4' - Soil)				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08010	20	ND	0.996	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	

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002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-07 (AST-E-EX-BOT-3-4' - Soil) - cont.				**Sampled: 07/06/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08010	10	ND	0.996	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08010	2.0	ND	0.996	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08010	5.0	ND	0.996	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08010	100	ND	0.996	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*89 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-13 (RR-EX-01-2' - Soil)				**Sampled: 07/06/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	ND	1	7/12/2005	7/13/2005	
Sample ID: IOG0276-14 (RR-EX-02-2' - Soil)				**Sampled: 07/06/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**1.4**	1	7/12/2005	7/13/2005	
Sample ID: IOG0276-15 (DUP-1-070605 - Soil)				**Sampled: 07/06/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**0.97**	1	7/12/2005	7/13/2005	
Sample ID: IOG0276-16 (RR-EX-03-2' - Soil)				**Sampled: 07/06/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	ND	1	7/12/2005	7/13/2005	
Sample ID: IOG0276-17 (RR-EX-04-2' - Soil)				**Sampled: 07/06/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**1.1**	1	7/12/2005	7/13/2005	
Sample ID: IOG0276-18 (RR-EX-05-2' - Soil)				**Sampled: 07/06/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**1.2**	1	7/12/2005	7/13/2005	
Sample ID: IOG0276-19 (DUP-2-070605 - Soil)				**Sampled: 07/06/05**				
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G12064	0.50	**1.6**	1	7/12/2005	7/13/2005	

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-01 (AST-E-EX-EW-2' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*61 %*					
Sample ID: IOG0276-02 (AST-E-EX-SW-2' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*52 %*					

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-03 (AST-E-EX-NW-3' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*70 %*					
Sample ID: IOG0276-04 (AST-E-EX-WW-3' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G07046	5.0	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G07046	1.8	ND	0.999	N/A	7/7/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*83 %*					

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Patty Mata
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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-05 (AST-E-EX-BOT-2-8' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*60 %*					
Sample ID: IOG0276-06 (AST-E-EX-BOT-1-8' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*72 %*					

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Patty Mata
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Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-07 (AST-E-EX-BOT-3-4' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	**59**	0.999	100	7/10/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	**2.6**	0.999	4	7/10/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	**4.2**	0.999	7	7/10/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	**5.9**	0.999	10	7/10/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	**8.0**	0.999	14	7/10/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	**9.4**	0.999	16	7/10/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	**12**	0.999	20	7/10/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	**11**	0.999	19	7/10/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	**3.3**	0.999	6	7/10/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*77 %*					
Sample ID: IOG0276-08 (SG-EX-SW-3' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*67 %*					

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Sampled: 07/06/05
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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-09 (SG-EX-WW-3' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*72 %*					
Sample ID: IOG0276-10 (SG-EX-EW-3' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*71 %*					

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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-11 (SG-EX-NW-3' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*66 %*					
Sample ID: IOG0276-12 (SG-EX-BOT-7' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*67 %*					

Del Mar Analytical, Irvine
Patty Mata
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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-13 (RR-EX-01-2' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	**6.0**	0.999	100	7/10/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*56 %*					
Sample ID: IOG0276-14 (RR-EX-02-2' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	**100**	1	100	7/10/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	**2.0**	1	2	7/10/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	**3.5**	1	4	7/10/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	**4.8**	1	5	7/10/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	**7.2**	1	7	7/10/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	**9.0**	1	9	7/10/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	**12**	1	12	7/10/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	**14**	1	14	7/10/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	**17**	1	17	7/10/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	**21**	1	21	7/10/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	**8.2**	1	8	7/10/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*83 %*					

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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-15 (DUP-1-070605 - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	**35**	1	100	7/10/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	**2.2**	1	6	7/10/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	**3.4**	1	10	7/10/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	**4.4**	1	13	7/10/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	**5.5**	1	16	7/10/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	**5.4**	1	15	7/10/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	**6.3**	1	18	7/10/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	**5.8**	1	17	7/10/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	1	N/A	7/10/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*62 %*					
Sample ID: IOG0276-16 (RR-EX-03-2' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*76 %*					

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Sampled: 07/06/05
Received: 07/06/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-17 (RR-EX-04-2' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10022	10	**72**	2	100	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10022	3.6	**4.3**	2	6	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10022	3.6	**6.2**	2	9	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10022	3.6	**11**	2	15	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10022	3.6	**12**	2	17	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10022	3.6	**19**	2	26	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10022	3.6	**14**	2	19	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*74 %*					
Sample ID: IOG0276-18 (RR-EX-05-2' - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10022	10	**90**	2	100	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10022	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10022	3.6	**4.3**	2	5	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10022	3.6	**6.3**	2	7	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10022	3.6	**8.4**	2	9	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10022	3.6	**13**	2	14	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10022	3.6	**15**	2	17	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10022	3.6	**21**	2	23	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10022	3.6	**16**	2	18	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*73 %*					

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Sampled: 07/06/05
Received: 07/06/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0276-19 (DUP-2-070605 - Soil)					**Sampled: 07/06/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10023	10	**80**	2	100	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10023	3.6	ND	2	N/A	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10023	3.6	**5.3**	2	7	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10023	3.6	**6.7**	2	8	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10023	3.6	**9.0**	2	11	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10023	3.6	**10**	2	13	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10023	3.6	**14**	2	18	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10023	3.6	**10**	2	13	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10023	3.6	**12**	2	15	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10023	3.6	**6.1**	2	8	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*89 %*					

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Patty Mata
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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07046 Extracted: 07/07/05										
Blank Analyzed: 07/07/2005 (5G07046-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*5.23*		*mg/kg*	*6.67*		*78*	*40-130*			
LCS Analyzed: 07/07/2005 (5G07046-BS1)										
EFH (C8 - C40)	22.2	5.0	mg/kg	33.3		67	40-120			
Surrogate: n-Octacosane	*4.52*		*mg/kg*	*6.67*		*68*	*40-130*			
Matrix Spike Analyzed: 07/07/2005 (5G07046-MS1)					**Source: IOG0281-01**					
EFH (C8 - C40)	21.7	5.0	mg/kg	33.3	2.6	57	30-125			
Surrogate: n-Octacosane	*4.40*		*mg/kg*	*6.65*		*66*	*40-130*			
Matrix Spike Dup Analyzed: 07/07/2005 (5G07046-MSD1)					**Source: IOG0281-01**					
EFH (C8 - C40)	27.2	5.0	mg/kg	33.3	2.6	74	30-125	22	30	
Surrogate: n-Octacosane	*4.70*		*mg/kg*	*6.66*		*71*	*40-130*			

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METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G10017 Extracted: 07/10/05										
Blank Analyzed: 07/11/2005 (5G10017-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.35*		*mg/kg*	*6.67*		*65*	*40-130*			
LCS Analyzed: 07/11/2005 (5G10017-BS1)										
EFH (C8 - C40)	26.6	5.0	mg/kg	33.3		80	40-120			
Surrogate: n-Octacosane	*5.18*		*mg/kg*	*6.67*		*78*	*40-130*			
Matrix Spike Analyzed: 07/11/2005 (5G10017-MS1)					**Source: IOG0063-07**					
EFH (C8 - C40)	17.6	5.0	mg/kg	33.3	3.3	43	30-125			
Surrogate: n-Octacosane	*4.04*		*mg/kg*	*6.67*		*61*	*40-130*			
Matrix Spike Dup Analyzed: 07/11/2005 (5G10017-MSD1)					**Source: IOG0063-07**					
EFH (C8 - C40)	19.1	5.0	mg/kg	33.3	3.3	47	30-125	8	30	
Surrogate: n-Octacosane	*3.71*		*mg/kg*	*6.66*		*56*	*40-130*			

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G10022 Extracted: 07/10/05										
Blank Analyzed: 07/11/2005 (5G10022-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.78*		*mg/kg*	*6.67*		*72*	*40-130*			
LCS Analyzed: 07/11/2005 (5G10022-BS1)										
EFH (C8 - C40)	26.0	5.0	mg/kg	33.3		78	40-120			
Surrogate: n-Octacosane	*5.34*		*mg/kg*	*6.67*		*80*	*40-130*			
Matrix Spike Analyzed: 07/11/2005 (5G10022-MS1)					**Source: IOG0279-02**					
EFH (C8 - C40)	27.8	5.0	mg/kg	33.3	10	53	30-125			
Surrogate: n-Octacosane	*5.05*		*mg/kg*	*6.66*		*76*	*40-130*			
Matrix Spike Dup Analyzed: 07/12/2005 (5G10022-MSD1)					**Source: IOG0279-02**					
EFH (C8 - C40)	28.5	5.0	mg/kg	33.3	10	56	30-125	2	30	
Surrogate: n-Octacosane	*5.25*		*mg/kg*	*6.67*		*79*	*40-130*			

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METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G10023 Extracted: 07/10/05										
Blank Analyzed: 07/11/2005 (5G10023-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.78*		*mg/kg*	*6.67*		*72*	*40-130*			
LCS Analyzed: 07/11/2005 (5G10023-BS1)										
EFH (C8 - C40)	23.7	5.0	mg/kg	33.3		71	40-120			
Surrogate: n-Octacosane	*4.62*		*mg/kg*	*6.67*		*69*	*40-130*			
Matrix Spike Analyzed: 07/11/2005 (5G10023-MS1)					**Source: IOG0419-04**					
EFH (C8 - C40)	23.5	5.0	mg/kg	33.3	ND	71	30-125			
Surrogate: n-Octacosane	*4.49*		*mg/kg*	*6.67*		*67*	*40-130*			
Matrix Spike Dup Analyzed: 07/11/2005 (5G10023-MSD1)					**Source: IOG0419-04**					
EFH (C8 - C40)	19.4	5.0	mg/kg	33.3	ND	58	30-125	19	30	
Surrogate: n-Octacosane	*3.74*		*mg/kg*	*6.67*		*56*	*40-130*			

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002-10311.00
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Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Blank Analyzed: 07/07/2005 (5G07027-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Blank Analyzed: 07/07/2005 (5G07027-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*50.8*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*49.0*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/kg*	*50.0*		*99*	*80-120*			

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Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
LCS Analyzed: 07/07/2005 (5G07027-BS1)										
Benzene	46.3	2.0	ug/kg	50.0		93	65-120			
Bromobenzene	46.6	5.0	ug/kg	50.0		93	70-120			
Bromochloromethane	45.2	5.0	ug/kg	50.0		90	65-130			
Bromodichloromethane	42.5	2.0	ug/kg	50.0		85	65-135			
Bromoform	38.1	5.0	ug/kg	50.0		76	50-135			
Bromomethane	52.1	5.0	ug/kg	50.0		104	60-145			
n-Butylbenzene	49.4	5.0	ug/kg	50.0		99	70-125			
sec-Butylbenzene	48.2	5.0	ug/kg	50.0		96	70-125			
tert-Butylbenzene	47.6	5.0	ug/kg	50.0		95	70-125			
Carbon tetrachloride	47.3	5.0	ug/kg	50.0		95	65-140			
Chlorobenzene	47.2	2.0	ug/kg	50.0		94	70-125			
Chloroethane	49.5	5.0	ug/kg	50.0		99	55-140			
Chloroform	46.5	2.0	ug/kg	50.0		93	65-130			
Chloromethane	41.1	5.0	ug/kg	50.0		82	40-140			
2-Chlorotoluene	45.0	5.0	ug/kg	50.0		90	70-125			
4-Chlorotoluene	47.6	5.0	ug/kg	50.0		95	70-125			
Dibromochloromethane	41.5	2.0	ug/kg	50.0		83	65-140			
1,2-Dibromo-3-chloropropane	28.7	5.0	ug/kg	50.0		57	45-140			
1,2-Dibromoethane (EDB)	40.4	2.0	ug/kg	50.0		81	70-130			
Dibromomethane	41.4	2.0	ug/kg	50.0		83	65-130			
1,2-Dichlorobenzene	46.4	2.0	ug/kg	50.0		93	70-120			
1,3-Dichlorobenzene	47.2	2.0	ug/kg	50.0		94	70-125			
1,4-Dichlorobenzene	43.8	2.0	ug/kg	50.0		88	70-125			
Dichlorodifluoromethane	44.0	5.0	ug/kg	50.0		88	25-155			
1,1-Dichloroethane	46.6	2.0	ug/kg	50.0		93	65-130			
1,2-Dichloroethane	40.7	2.0	ug/kg	50.0		81	60-140			
1,1-Dichloroethene	44.7	5.0	ug/kg	50.0		89	70-130			
cis-1,2-Dichloroethene	47.2	2.0	ug/kg	50.0		94	65-125			
trans-1,2-Dichloroethene	49.7	2.0	ug/kg	50.0		99	65-130			
1,2-Dichloropropane	43.5	2.0	ug/kg	50.0		87	65-125			
1,3-Dichloropropane	41.7	2.0	ug/kg	50.0		83	65-125			
2,2-Dichloropropane	48.5	2.0	ug/kg	50.0		97	60-145			
1,1-Dichloropropene	47.1	2.0	ug/kg	50.0		94	70-130			
cis-1,3-Dichloropropene	45.7	2.0	ug/kg	50.0		91	70-130			
trans-1,3-Dichloropropene	43.4	2.0	ug/kg	50.0		87	65-135			

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
LCS Analyzed: 07/07/2005 (5G07027-BS1)										
Ethylbenzene	47.5	2.0	ug/kg	50.0		95	70-125			
Hexachlorobutadiene	44.1	5.0	ug/kg	50.0		88	60-135			
Isopropylbenzene	50.6	2.0	ug/kg	50.0		101	70-125			
p-Isopropyltoluene	46.3	2.0	ug/kg	50.0		93	70-125			
Methylene chloride	45.5	20	ug/kg	50.0		91	60-130			
Naphthalene	37.6	5.0	ug/kg	50.0		75	50-140			
n-Propylbenzene	50.4	2.0	ug/kg	50.0		101	70-125			
Styrene	46.7	2.0	ug/kg	50.0		93	70-130			
1,1,1,2-Tetrachloroethane	44.1	5.0	ug/kg	50.0		88	70-135			
1,1,2,2-Tetrachloroethane	39.1	2.0	ug/kg	50.0		78	55-140			
Tetrachloroethene	48.5	2.0	ug/kg	50.0		97	65-125			
Toluene	47.5	2.0	ug/kg	50.0		95	70-125			
1,2,3-Trichlorobenzene	41.9	5.0	ug/kg	50.0		84	60-130			
1,2,4-Trichlorobenzene	45.0	5.0	ug/kg	50.0		90	65-135			
1,1,1-Trichloroethane	48.3	2.0	ug/kg	50.0		97	65-135			
1,1,2-Trichloroethane	41.2	2.0	ug/kg	50.0		82	65-130			
Trichloroethene	47.1	2.0	ug/kg	50.0		94	70-125			
Trichlorofluoromethane	49.6	5.0	ug/kg	50.0		99	60-140			
1,2,3-Trichloropropane	36.9	10	ug/kg	50.0		74	55-135			
1,2,4-Trimethylbenzene	46.8	2.0	ug/kg	50.0		94	70-125			
1,3,5-Trimethylbenzene	47.9	2.0	ug/kg	50.0		96	70-125			
Vinyl chloride	43.7	5.0	ug/kg	50.0		87	50-130			
o-Xylene	47.4	2.0	ug/kg	50.0		95	70-125			
m,p-Xylenes	93.9	2.0	ug/kg	100		94	70-125			
Di-isopropyl Ether (DIPE)	44.5	5.0	ug/kg	50.0		89	60-135			
Ethyl tert-Butyl Ether (ETBE)	41.8	5.0	ug/kg	50.0		84	60-135			
tert-Amyl Methyl Ether (TAME)	40.5	5.0	ug/kg	50.0		81	60-140			
Methyl-tert-butyl Ether (MTBE)	38.1	5.0	ug/kg	50.0		76	55-140			
tert-Butanol (TBA)	268	100	ug/kg	250		107	65-135			
Surrogate: Dibromofluoromethane	*48.1*		*ug/kg*	*50.0*		*96*	*80-125*			
Surrogate: Toluene-d8	*48.9*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.3*		*ug/kg*	*50.0*		*95*	*80-120*			

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Patty Mata
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Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Matrix Spike Analyzed: 07/07/2005 (5G07027-MS1)					**Source: IOG0344-01**					
Benzene	54.2	2.0	ug/kg	50.0	ND	108	65-130			
Bromobenzene	58.6	5.0	ug/kg	50.0	ND	117	70-135			
Bromochloromethane	58.2	5.0	ug/kg	50.0	ND	116	65-140			
Bromodichloromethane	52.3	2.0	ug/kg	50.0	ND	105	65-140			
Bromoform	55.4	5.0	ug/kg	50.0	ND	111	50-140			
Bromomethane	58.5	5.0	ug/kg	50.0	ND	117	55-150			
n-Butylbenzene	49.2	5.0	ug/kg	50.0	ND	98	55-140			
sec-Butylbenzene	50.9	5.0	ug/kg	50.0	ND	102	65-130			
tert-Butylbenzene	52.5	5.0	ug/kg	50.0	ND	105	65-135			
Carbon tetrachloride	53.7	5.0	ug/kg	50.0	ND	107	65-140			
Chlorobenzene	55.9	2.0	ug/kg	50.0	ND	112	70-125			
Chloroethane	56.8	5.0	ug/kg	50.0	ND	114	55-145			
Chloroform	55.2	2.0	ug/kg	50.0	ND	110	65-130			
Chloromethane	47.4	5.0	ug/kg	50.0	ND	95	35-140			
2-Chlorotoluene	51.5	5.0	ug/kg	50.0	ND	103	65-130			
4-Chlorotoluene	55.1	5.0	ug/kg	50.0	ND	110	70-130			
Dibromochloromethane	56.0	2.0	ug/kg	50.0	ND	112	65-140			
1,2-Dibromo-3-chloropropane	46.4	5.0	ug/kg	50.0	ND	93	45-145			
1,2-Dibromoethane (EDB)	57.7	2.0	ug/kg	50.0	ND	115	65-135			
Dibromomethane	55.5	2.0	ug/kg	50.0	ND	111	65-135			
1,2-Dichlorobenzene	54.3	2.0	ug/kg	50.0	ND	109	70-130			
1,3-Dichlorobenzene	54.1	2.0	ug/kg	50.0	ND	108	70-125			
1,4-Dichlorobenzene	51.2	2.0	ug/kg	50.0	ND	102	70-125			
Dichlorodifluoromethane	55.5	5.0	ug/kg	50.0	ND	111	25-155			
1,1-Dichloroethane	55.3	2.0	ug/kg	50.0	ND	111	65-130			
1,2-Dichloroethane	54.9	2.0	ug/kg	50.0	ND	110	60-145			
1,1-Dichloroethene	57.2	5.0	ug/kg	50.0	ND	114	65-135			
cis-1,2-Dichloroethene	56.2	2.0	ug/kg	50.0	ND	112	65-130			
trans-1,2-Dichloroethene	58.3	2.0	ug/kg	50.0	ND	117	65-135			
1,2-Dichloropropane	52.0	2.0	ug/kg	50.0	ND	104	65-125			
1,3-Dichloropropane	58.8	2.0	ug/kg	50.0	ND	118	65-135			
2,2-Dichloropropane	54.5	2.0	ug/kg	50.0	ND	109	60-145			
1,1-Dichloropropene	54.0	2.0	ug/kg	50.0	ND	108	65-135			
cis-1,3-Dichloropropene	56.9	2.0	ug/kg	50.0	ND	114	70-130			
trans-1,3-Dichloropropene	58.6	2.0	ug/kg	50.0	ND	117	65-140			

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Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Matrix Spike Analyzed: 07/07/2005 (5G07027-MS1)					**Source: IOG0344-01**					
Ethylbenzene	54.6	2.0	ug/kg	50.0	ND	109	70-130			
Hexachlorobutadiene	30.7	5.0	ug/kg	50.0	ND	61	55-140			
Isopropylbenzene	58.5	2.0	ug/kg	50.0	ND	117	65-140			
p-Isopropyltoluene	50.1	2.0	ug/kg	50.0	ND	100	60-135			
Methylene chloride	56.2	20	ug/kg	50.0	ND	112	60-140			
Naphthalene	45.8	5.0	ug/kg	50.0	ND	92	40-155			
n-Propylbenzene	56.5	2.0	ug/kg	50.0	ND	113	65-140			
Styrene	55.5	2.0	ug/kg	50.0	ND	111	70-140			
1,1,1,2-Tetrachloroethane	54.2	5.0	ug/kg	50.0	ND	108	70-140			
1,1,2,2-Tetrachloroethane	63.7	2.0	ug/kg	50.0	ND	127	45-155			
Tetrachloroethene	54.6	2.0	ug/kg	50.0	ND	109	65-135			
Toluene	54.0	2.0	ug/kg	50.0	ND	108	70-125			
1,2,3-Trichlorobenzene	38.7	5.0	ug/kg	50.0	ND	77	50-140			
1,2,4-Trichlorobenzene	42.7	5.0	ug/kg	50.0	ND	85	55-135			
1,1,1-Trichloroethane	55.4	2.0	ug/kg	50.0	ND	111	65-140			
1,1,2-Trichloroethane	56.2	2.0	ug/kg	50.0	ND	112	65-135			
Trichloroethene	53.2	2.0	ug/kg	50.0	ND	106	70-135			
Trichlorofluoromethane	56.3	5.0	ug/kg	50.0	ND	113	50-150			
1,2,3-Trichloropropane	60.8	10	ug/kg	50.0	ND	122	55-145			
1,2,4-Trimethylbenzene	53.9	2.0	ug/kg	50.0	ND	108	65-135			
1,3,5-Trimethylbenzene	54.4	2.0	ug/kg	50.0	ND	109	70-130			
Vinyl chloride	51.9	5.0	ug/kg	50.0	ND	104	50-135			
o-Xylene	55.1	2.0	ug/kg	50.0	ND	110	70-125			
m,p-Xylenes	108	2.0	ug/kg	100	ND	108	70-125			
Di-isopropyl Ether (DIPE)	56.3	5.0	ug/kg	50.0	ND	113	60-145			
Ethyl tert-Butyl Ether (ETBE)	56.3	5.0	ug/kg	50.0	ND	113	60-140			
tert-Amyl Methyl Ether (TAME)	57.9	5.0	ug/kg	50.0	ND	116	60-145			
Methyl-tert-butyl Ether (MTBE)	56.5	5.0	ug/kg	50.0	ND	113	55-150			
tert-Butanol (TBA)	297	100	ug/kg	250	ND	119	65-140			
Surrogate: Dibromofluoromethane	*50.0*		*ug/kg*	*50.0*		*100*	*80-125*			
Surrogate: Toluene-d8	*48.9*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*48.3*		*ug/kg*	*50.0*		*97*	*80-120*			

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Attention: Melissa Schuetz

Project ID: Ameron
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Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Matrix Spike Dup Analyzed: 07/07/2005 (5G07027-MSD1)					**Source: IOG0344-01**					
Benzene	53.4	2.0	ug/kg	50.0	ND	107	65-130	1	20	
Bromobenzene	55.3	5.0	ug/kg	50.0	ND	111	70-135	6	25	
Bromochloromethane	58.6	5.0	ug/kg	50.0	ND	117	65-140	1	25	
Bromodichloromethane	53.6	2.0	ug/kg	50.0	ND	107	65-140	2	20	
Bromoform	57.4	5.0	ug/kg	50.0	ND	115	50-140	4	30	
Bromomethane	56.7	5.0	ug/kg	50.0	ND	113	55-150	3	25	
n-Butylbenzene	47.3	5.0	ug/kg	50.0	ND	95	55-140	4	30	
sec-Butylbenzene	48.1	5.0	ug/kg	50.0	ND	96	65-130	6	25	
tert-Butylbenzene	49.4	5.0	ug/kg	50.0	ND	99	65-135	6	25	
Carbon tetrachloride	53.4	5.0	ug/kg	50.0	ND	107	65-140	1	25	
Chlorobenzene	53.1	2.0	ug/kg	50.0	ND	106	70-125	5	25	
Chloroethane	55.4	5.0	ug/kg	50.0	ND	111	55-145	2	25	
Chloroform	54.4	2.0	ug/kg	50.0	ND	109	65-130	1	20	
Chloromethane	47.0	5.0	ug/kg	50.0	ND	94	35-140	1	25	
2-Chlorotoluene	48.8	5.0	ug/kg	50.0	ND	98	65-130	5	25	
4-Chlorotoluene	51.6	5.0	ug/kg	50.0	ND	103	70-130	7	25	
Dibromochloromethane	56.1	2.0	ug/kg	50.0	ND	112	65-140	0	25	
1,2-Dibromo-3-chloropropane	49.9	5.0	ug/kg	50.0	ND	100	45-145	7	30	
1,2-Dibromoethane (EDB)	59.5	2.0	ug/kg	50.0	ND	119	65-135	3	25	
Dibromomethane	56.7	2.0	ug/kg	50.0	ND	113	65-135	2	25	
1,2-Dichlorobenzene	53.0	2.0	ug/kg	50.0	ND	106	70-130	2	25	
1,3-Dichlorobenzene	51.7	2.0	ug/kg	50.0	ND	103	70-125	5	25	
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	70-125	3	25	
Dichlorodifluoromethane	54.5	5.0	ug/kg	50.0	ND	109	25-155	2	35	
1,1-Dichloroethane	53.5	2.0	ug/kg	50.0	ND	107	65-130	3	25	
1,2-Dichloroethane	54.4	2.0	ug/kg	50.0	ND	109	60-145	1	25	
1,1-Dichloroethene	48.6	5.0	ug/kg	50.0	ND	97	65-135	16	25	
cis-1,2-Dichloroethene	54.8	2.0	ug/kg	50.0	ND	110	65-130	3	25	
trans-1,2-Dichloroethene	56.8	2.0	ug/kg	50.0	ND	114	65-135	3	25	
1,2-Dichloropropane	52.5	2.0	ug/kg	50.0	ND	105	65-125	1	20	
1,3-Dichloropropane	58.7	2.0	ug/kg	50.0	ND	117	65-135	0	25	
2,2-Dichloropropane	53.5	2.0	ug/kg	50.0	ND	107	60-145	2	25	
1,1-Dichloropropene	53.5	2.0	ug/kg	50.0	ND	107	65-135	1	20	
cis-1,3-Dichloropropene	57.1	2.0	ug/kg	50.0	ND	114	70-130	0	25	
trans-1,3-Dichloropropene	60.4	2.0	ug/kg	50.0	ND	121	65-140	3	25	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Matrix Spike Dup Analyzed: 07/07/2005 (5G07027-MSD1)					**Source: IOG0344-01**					
Ethylbenzene	52.4	2.0	ug/kg	50.0	ND	105	70-130	4	25	
Hexachlorobutadiene	31.4	5.0	ug/kg	50.0	ND	63	55-140	2	35	
Isopropylbenzene	54.1	2.0	ug/kg	50.0	ND	108	65-140	8	25	
p-Isopropyltoluene	47.3	2.0	ug/kg	50.0	ND	95	60-135	6	25	
Methylene chloride	56.0	20	ug/kg	50.0	ND	112	60-140	0	25	
Naphthalene	48.9	5.0	ug/kg	50.0	ND	98	40-155	7	40	
n-Propylbenzene	53.2	2.0	ug/kg	50.0	ND	106	65-140	6	25	
Styrene	53.5	2.0	ug/kg	50.0	ND	107	70-140	4	25	
1,1,1,2-Tetrachloroethane	52.7	5.0	ug/kg	50.0	ND	105	70-140	3	20	
1,1,2,2-Tetrachloroethane	65.1	2.0	ug/kg	50.0	ND	130	45-155	2	30	
Tetrachloroethene	52.8	2.0	ug/kg	50.0	ND	106	65-135	3	25	
Toluene	53.5	2.0	ug/kg	50.0	ND	107	70-125	1	20	
1,2,3-Trichlorobenzene	40.5	5.0	ug/kg	50.0	ND	81	50-140	5	30	
1,2,4-Trichlorobenzene	44.1	5.0	ug/kg	50.0	ND	88	55-135	3	30	
1,1,1-Trichloroethane	54.1	2.0	ug/kg	50.0	ND	108	65-140	2	20	
1,1,2-Trichloroethane	58.2	2.0	ug/kg	50.0	ND	116	65-135	3	30	
Trichloroethene	52.0	2.0	ug/kg	50.0	ND	104	70-135	2	25	
Trichlorofluoromethane	56.0	5.0	ug/kg	50.0	ND	112	50-150	1	25	
1,2,3-Trichloropropane	61.1	10	ug/kg	50.0	ND	122	55-145	1	30	
1,2,4-Trimethylbenzene	50.3	2.0	ug/kg	50.0	ND	101	65-135	7	25	
1,3,5-Trimethylbenzene	51.4	2.0	ug/kg	50.0	ND	103	70-130	6	25	
Vinyl chloride	48.3	5.0	ug/kg	50.0	ND	97	50-135	7	30	
o-Xylene	53.8	2.0	ug/kg	50.0	ND	108	70-125	2	25	
m,p-Xylenes	103	2.0	ug/kg	100	ND	103	70-125	5	25	
Di-isopropyl Ether (DIPE)	56.2	5.0	ug/kg	50.0	ND	112	60-145	0	25	
Ethyl tert-Butyl Ether (ETBE)	58.0	5.0	ug/kg	50.0	ND	116	60-140	3	30	
tert-Amyl Methyl Ether (TAME)	60.1	5.0	ug/kg	50.0	ND	120	60-145	4	25	
Methyl-tert-butyl Ether (MTBE)	59.5	5.0	ug/kg	50.0	ND	119	55-150	5	35	
tert-Butanol (TBA)	304	100	ug/kg	250	ND	122	65-140	2	30	
Surrogate: Dibromofluoromethane	*51.1*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*48.8*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*48.5*		*ug/kg*	*50.0*		*97*	*80-120*			

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
Blank Analyzed: 07/08/2005 (5G08010-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
Blank Analyzed: 07/08/2005 (5G08010-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*49.2*		*ug/kg*	*50.0*		*98*	*80-125*			
Surrogate: Toluene-d8	*49.6*		*ug/kg*	*50.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/kg*	*50.0*		*96*	*80-120*			

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Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
LCS Analyzed: 07/08/2005 (5G08010-BS1)										
Benzene	46.3	2.0	ug/kg	50.0		93	65-120			
Bromobenzene	48.1	5.0	ug/kg	50.0		96	70-120			
Bromochloromethane	47.5	5.0	ug/kg	50.0		95	65-130			
Bromodichloromethane	44.5	2.0	ug/kg	50.0		89	65-135			
Bromoform	45.3	5.0	ug/kg	50.0		91	50-135			
Bromomethane	45.6	5.0	ug/kg	50.0		91	60-145			
n-Butylbenzene	48.7	5.0	ug/kg	50.0		97	70-125			
sec-Butylbenzene	48.0	5.0	ug/kg	50.0		96	70-125			
tert-Butylbenzene	49.0	5.0	ug/kg	50.0		98	70-125			
Carbon tetrachloride	48.8	5.0	ug/kg	50.0		98	65-140			
Chlorobenzene	48.1	2.0	ug/kg	50.0		96	70-125			
Chloroethane	49.4	5.0	ug/kg	50.0		99	55-140			
Chloroform	47.4	2.0	ug/kg	50.0		95	65-130			
Chloromethane	40.1	5.0	ug/kg	50.0		80	40-140			
2-Chlorotoluene	48.2	5.0	ug/kg	50.0		96	70-125			
4-Chlorotoluene	48.8	5.0	ug/kg	50.0		98	70-125			
Dibromochloromethane	46.0	2.0	ug/kg	50.0		92	65-140			
1,2-Dibromo-3-chloropropane	33.9	5.0	ug/kg	50.0		68	45-140			
1,2-Dibromoethane (EDB)	45.4	2.0	ug/kg	50.0		91	70-130			
Dibromomethane	45.6	2.0	ug/kg	50.0		91	65-130			
1,2-Dichlorobenzene	45.4	2.0	ug/kg	50.0		91	70-120			
1,3-Dichlorobenzene	47.6	2.0	ug/kg	50.0		95	70-125			
1,4-Dichlorobenzene	43.7	2.0	ug/kg	50.0		87	70-125			
Dichlorodifluoromethane	41.1	5.0	ug/kg	50.0		82	25-155			
1,1-Dichloroethane	47.8	2.0	ug/kg	50.0		96	65-130			
1,2-Dichloroethane	45.0	2.0	ug/kg	50.0		90	60-140			
1,1-Dichloroethene	48.5	5.0	ug/kg	50.0		97	70-130			
cis-1,2-Dichloroethene	47.1	2.0	ug/kg	50.0		94	65-125			
trans-1,2-Dichloroethene	48.3	2.0	ug/kg	50.0		97	65-130			
1,2-Dichloropropane	46.7	2.0	ug/kg	50.0		93	65-125			
1,3-Dichloropropane	44.5	2.0	ug/kg	50.0		89	65-125			
2,2-Dichloropropane	50.2	2.0	ug/kg	50.0		100	60-145			
1,1-Dichloropropene	47.3	2.0	ug/kg	50.0		95	70-130			
cis-1,3-Dichloropropene	48.0	2.0	ug/kg	50.0		96	70-130			
trans-1,3-Dichloropropene	48.4	2.0	ug/kg	50.0		97	65-135			

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Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
LCS Analyzed: 07/08/2005 (5G08010-BS1)										
Ethylbenzene	48.4	2.0	ug/kg	50.0		97	70-125			
Hexachlorobutadiene	38.7	5.0	ug/kg	50.0		77	60-135			
Isopropylbenzene	52.3	2.0	ug/kg	50.0		105	70-125			
p-Isopropyltoluene	46.5	2.0	ug/kg	50.0		93	70-125			
Methylene chloride	47.3	20	ug/kg	50.0		95	60-130			
Naphthalene	40.7	5.0	ug/kg	50.0		81	50-140			
n-Propylbenzene	50.7	2.0	ug/kg	50.0		101	70-125			
Styrene	52.0	2.0	ug/kg	50.0		104	70-130			
1,1,1,2-Tetrachloroethane	47.8	5.0	ug/kg	50.0		96	70-135			
1,1,2,2-Tetrachloroethane	40.6	2.0	ug/kg	50.0		81	55-140			
Tetrachloroethene	48.1	2.0	ug/kg	50.0		96	65-125			
Toluene	45.4	2.0	ug/kg	50.0		91	70-125			
1,2,3-Trichlorobenzene	50.2	5.0	ug/kg	50.0		100	60-130			
1,2,4-Trichlorobenzene	44.9	5.0	ug/kg	50.0		90	65-135			
1,1,1-Trichloroethane	48.0	2.0	ug/kg	50.0		96	65-135			
1,1,2-Trichloroethane	44.4	2.0	ug/kg	50.0		89	65-130			
Trichloroethene	47.4	2.0	ug/kg	50.0		95	70-125			
Trichlorofluoromethane	47.5	5.0	ug/kg	50.0		95	60-140			
1,2,3-Trichloropropane	42.7	10	ug/kg	50.0		85	55-135			
1,2,4-Trimethylbenzene	48.6	2.0	ug/kg	50.0		97	70-125			
1,3,5-Trimethylbenzene	49.6	2.0	ug/kg	50.0		99	70-125			
Vinyl chloride	44.1	5.0	ug/kg	50.0		88	50-130			
o-Xylene	46.7	2.0	ug/kg	50.0		93	70-125			
m,p-Xylenes	95.3	2.0	ug/kg	100		95	70-125			
Di-isopropyl Ether (DIPE)	49.7	5.0	ug/kg	50.0		99	60-135			
Ethyl tert-Butyl Ether (ETBE)	47.3	5.0	ug/kg	50.0		95	60-135			
tert-Amyl Methyl Ether (TAME)	47.5	5.0	ug/kg	50.0		95	60-140			
Methyl-tert-butyl Ether (MTBE)	45.0	5.0	ug/kg	50.0		90	55-140			
tert-Butanol (TBA)	262	100	ug/kg	250		105	65-135			
Surrogate: Dibromofluoromethane	*49.1*		*ug/kg*	*50.0*		*98*	*80-125*			
Surrogate: Toluene-d8	*50.0*		*ug/kg*	*50.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*48.4*		*ug/kg*	*50.0*		*97*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
LCS Dup Analyzed: 07/08/2005 (5G08010-BSD1)										
Benzene	50.1	2.0	ug/kg	50.0		100	65-120	8	20	
Bromobenzene	53.9	5.0	ug/kg	50.0		108	70-120	11	20	
Bromochloromethane	53.9	5.0	ug/kg	50.0		108	65-130	13	20	
Bromodichloromethane	49.6	2.0	ug/kg	50.0		99	65-135	11	20	
Bromoform	54.4	5.0	ug/kg	50.0		109	50-135	18	25	
Bromomethane	49.9	5.0	ug/kg	50.0		100	60-145	9	20	
n-Butylbenzene	52.8	5.0	ug/kg	50.0		106	70-125	8	20	
sec-Butylbenzene	52.4	5.0	ug/kg	50.0		105	70-125	9	20	
tert-Butylbenzene	53.7	5.0	ug/kg	50.0		107	70-125	9	20	
Carbon tetrachloride	53.3	5.0	ug/kg	50.0		107	65-140	9	20	
Chlorobenzene	53.2	2.0	ug/kg	50.0		106	70-125	10	20	
Chloroethane	54.1	5.0	ug/kg	50.0		108	55-140	9	25	
Chloroform	51.5	2.0	ug/kg	50.0		103	65-130	8	20	
Chloromethane	43.9	5.0	ug/kg	50.0		88	40-140	9	25	
2-Chlorotoluene	52.9	5.0	ug/kg	50.0		106	70-125	9	20	
4-Chlorotoluene	53.6	5.0	ug/kg	50.0		107	70-125	9	20	
Dibromochloromethane	54.0	2.0	ug/kg	50.0		108	65-140	16	20	
1,2-Dibromo-3-chloropropane	46.0	5.0	ug/kg	50.0		92	45-140	30	30	
1,2-Dibromoethane (EDB)	54.1	2.0	ug/kg	50.0		108	70-130	17	20	
Dibromomethane	53.4	2.0	ug/kg	50.0		107	65-130	16	20	
1,2-Dichlorobenzene	51.2	2.0	ug/kg	50.0		102	70-120	12	20	
1,3-Dichlorobenzene	52.9	2.0	ug/kg	50.0		106	70-125	11	20	
1,4-Dichlorobenzene	49.0	2.0	ug/kg	50.0		98	70-125	11	20	
Dichlorodifluoromethane	45.2	5.0	ug/kg	50.0		90	25-155	10	30	
1,1-Dichloroethane	52.0	2.0	ug/kg	50.0		104	65-130	8	20	
1,2-Dichloroethane	51.1	2.0	ug/kg	50.0		102	60-140	13	20	
1,1-Dichloroethene	51.5	5.0	ug/kg	50.0		103	70-130	6	20	
cis-1,2-Dichloroethene	50.5	2.0	ug/kg	50.0		101	65-125	7	20	
trans-1,2-Dichloroethene	52.1	2.0	ug/kg	50.0		104	65-130	8	20	
1,2-Dichloropropane	51.6	2.0	ug/kg	50.0		103	65-125	10	20	
1,3-Dichloropropane	52.7	2.0	ug/kg	50.0		105	65-125	17	20	
2,2-Dichloropropane	55.2	2.0	ug/kg	50.0		110	60-145	9	20	
1,1-Dichloropropene	51.3	2.0	ug/kg	50.0		103	70-130	8	20	
cis-1,3-Dichloropropene	53.8	2.0	ug/kg	50.0		108	70-130	11	20	
trans-1,3-Dichloropropene	55.8	2.0	ug/kg	50.0		112	65-135	14	20	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
LCS Dup Analyzed: 07/08/2005 (5G08010-BSD1)										
Ethylbenzene	53.5	2.0	ug/kg	50.0		107	70-125	10	20	
Hexachlorobutadiene	43.7	5.0	ug/kg	50.0		87	60-135	12	20	
Isopropylbenzene	56.8	2.0	ug/kg	50.0		114	70-125	8	20	
p-Isopropyltoluene	51.1	2.0	ug/kg	50.0		102	70-125	9	20	
Methylene chloride	51.6	20	ug/kg	50.0		103	60-130	9	20	
Naphthalene	52.7	5.0	ug/kg	50.0		105	50-140	26	25	*R-7*
n-Propylbenzene	54.9	2.0	ug/kg	50.0		110	70-125	8	20	
Styrene	58.2	2.0	ug/kg	50.0		116	70-130	11	20	
1,1,1,2-Tetrachloroethane	53.2	5.0	ug/kg	50.0		106	70-135	11	20	
1,1,2,2-Tetrachloroethane	49.8	2.0	ug/kg	50.0		100	55-140	20	30	
Tetrachloroethene	52.8	2.0	ug/kg	50.0		106	65-125	9	20	
Toluene	49.5	2.0	ug/kg	50.0		99	70-125	9	20	
1,2,3-Trichlorobenzene	60.4	5.0	ug/kg	50.0		121	60-130	18	20	
1,2,4-Trichlorobenzene	51.2	5.0	ug/kg	50.0		102	65-135	13	20	
1,1,1-Trichloroethane	52.3	2.0	ug/kg	50.0		105	65-135	9	20	
1,1,2-Trichloroethane	51.8	2.0	ug/kg	50.0		104	65-130	15	20	
Trichloroethene	51.7	2.0	ug/kg	50.0		103	70-125	9	20	
Trichlorofluoromethane	51.5	5.0	ug/kg	50.0		103	60-140	8	25	
1,2,3-Trichloropropane	52.7	10	ug/kg	50.0		105	55-135	21	25	
1,2,4-Trimethylbenzene	53.2	2.0	ug/kg	50.0		106	70-125	9	20	
1,3,5-Trimethylbenzene	54.1	2.0	ug/kg	50.0		108	70-125	9	20	
Vinyl chloride	45.3	5.0	ug/kg	50.0		91	50-130	3	25	
o-Xylene	51.7	2.0	ug/kg	50.0		103	70-125	10	20	
m,p-Xylenes	104	2.0	ug/kg	100		104	70-125	9	20	
Di-isopropyl Ether (DIPE)	55.5	5.0	ug/kg	50.0		111	60-135	11	20	
Ethyl tert-Butyl Ether (ETBE)	54.5	5.0	ug/kg	50.0		109	60-135	14	20	
tert-Amyl Methyl Ether (TAME)	55.8	5.0	ug/kg	50.0		112	60-140	16	20	
Methyl-tert-butyl Ether (MTBE)	54.1	5.0	ug/kg	50.0		108	55-140	18	25	
tert-Butanol (TBA)	273	100	ug/kg	250		109	65-135	4	20	
Surrogate: Dibromofluoromethane	*48.5*		*ug/kg*	*50.0*		*97*	*80-125*			
Surrogate: Toluene-d8	*50.0*		*ug/kg*	*50.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*48.6*		*ug/kg*	*50.0*		*97*	*80-120*			

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0276

Sampled: 07/06/05
Received: 07/06/05

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G12064 Extracted: 07/12/05										
Blank Analyzed: 07/12/2005 (5G12064-BLK1)										
Arsenic	ND	0.50	mg/kg							
LCS Analyzed: 07/12/2005 (5G12064-BS1)										
Arsenic	47.9	0.50	mg/kg	50.0		96	80-120			
Matrix Spike Analyzed: 07/12/2005 (5G12064-MS1)					**Source: IOG0419-11**					
Arsenic	38.7	0.50	mg/kg	50.0	0.88	76	75-125			
Matrix Spike Dup Analyzed: 07/12/2005 (5G12064-MSD1)					**Source: IOG0419-11**					
Arsenic	40.8	0.50	mg/kg	50.0	0.88	80	75-125	5	20	

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Sampled: 07/06/05
Received: 07/06/05

DATA QUALIFIERS AND DEFINITIONS

R-7 LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Sampled: 07/06/05
Received: 07/06/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 6020	Soil	N/A	X
EPA 8015 MOD.	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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IOG0276

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

SAMPLE COLLECTOR	PROJECT NO.:	SECTION NO.:	DATE:	SAMPLER'S INITIALS:	SERIAL NO.:
LFR LEVINE•FRICKE, 3150 Bristol Street, Suite 250, Costa Mesa, California 92626, (714) 444-0111, Fax (714) 444-0117	002-10311.00	300	7-6-05	BTW	03275
	PROJECT NAME: Ameron		SAMPLER (Signature): Brian T. White		

SAMPLE / ANALYSES

(224)

	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260)	BTEX / MTBE (8260)	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)	Arsenic	Standard 5 DAY	RUSH:	HOLD	REMARKS
1	AST-E-EX-EW-2'	2605	0700		4	X				X	X							X			Questions,
2	AST-E-EX-SW-2'		0800		4	X				X	X							X			Comments,
3	AST-E-EX-NW-3'		0815		4	X				X	X							X			Results to
4	AST-E-EX-WW-3'		0820		4	X				X	X							X			Melissa Schuetz
5	AST-E-EX-BOT-2-8'		0855		4	X				X	X							X			@ LFR.
6	AST-E-EX-BOT-1-8'		0905		4	X				X	X							X			
7	AST-E-EX-BOT-3-4'		0920		4	X				X	X							X			
8	SG-EX-SW-3'		11:10		1	X				X								X			
9	SG-EX-WW-3'		11:12		1	X				X								X			
10	SG-EX-EW-3'		11:15		1	X				X								X			
11	SG-EX-NW-3'		11:18		1	X				X								X			
12	SG-EX-BOT-7'		11:20		1	X				X								X			
13	RR-EX-01-2'		12:00		1	X				X						X		X			
14	RR-EX-02-2		12:40		1	X				X						X		X			
15	DUP-1-070605		✓		1	X				X						X		X			

SAMPLE RECEIPT	METHOD OF SHIPMENT	RELINQUISHED BY: 1	RELINQUISHED BY: 2	RELINQUISHED BY: 3
☑ Intact ☐ Cold ☑ On Ice ☐ Ambient — Cooler Temp: / Cooler No:	Courier	Brian T. White 7-6-05 (SIGNATURE) (DATE)	Emilio Aceves 7/6/05 (SIGNATURE) (DATE)	(SIGNATURE) (DATE)
Preservative Correct? ☐ Yes ☐ No ☑ N/A	LAB REPORT NO.:	Brian T. White 14:10 (PRINTED NAME) (TIME)	Emilio Aceves 15:15 (PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
	FAX COC CONFIRMATION TO: M. Schuetz	LFR (COMPANY)	Del Mar An. 15:15 (COMPANY)	(COMPANY)
ANALYTICAL LABORATORY: Del Mar	FAX RESULTS TO:	RECEIVED BY: 1	RECEIVED BY: 2	RECEIVED BY (LABORATORY): 3
	SEND HARDCOPY TO:	Emilio Aceves 7/6/05 (SIGNATURE) (DATE)	(SIGNATURE) (DATE)	Fidela Aviles 7-6-05 (SIGNATURE) (DATE)
	SEND EDD TO:	Emilio Aceves 14:10 (PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)	Fidela Aviles 14:10 (PRINTED NAME) (TIME)
		Del Mar An (COMPANY)	(COMPANY)	Del Mar Analytical (LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO: 2001/COC/TWT

intact/ice 4°C

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

SAMPLE COLLECTOR: LFR LEVINE•FRICKE
3150 Bristol Street, Suite 250
Costa Mesa, California 92626
(714) 444-0111, Fax (714) 444-0117

PROJECT NO.: 802-10311.00
SECTION NO.: 300
DATE: 7-6-05
SAMPLER'S INITIALS: BTW
SERIAL NO.: 03276
PROJECT NAME: Ameron
SAMPLER (Signature): [signature]

224

	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260)*	BTEX / MTBE (8260)	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)	ARSENIC	Standard 5 DAY	RUSH:	HOLD	REMARKS
1	RREX-03-2'	7-6-05	1300		1	X				X							X	X			QUESTIONS,
2	RR-EX-04-2'	↓	13:30		↓	X				X							X	X			COMMENTS,
3	RR-EX-05-2'	↓	13:45		↓	X				X							X	X			RESULTS TO
4	DUP-2-070605	↓	✓		↓	X				X							X	X			MELLISA SCHUETZ
5																					LFR
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					

SAMPLE RECEIPT: ☑ Intact ☐ Cold ☑ On Ice ☐ Ambient
Cooler Temp:
Cooler No:
Preservative Correct? ☐ Yes ☐ No ☐ N/A

METHOD OF SHIPMENT: Courier
LAB REPORT NO.:
FAX COC CONFIRMATION TO: M. SCHUETZ

RELINQUISHED BY: 1 [signature] 7-6-05 (SIGNATURE) (DATE)
BRIAN T. WHITE 7/6/05 (PRINTED NAME) (TIME)
LFR 14:10 (COMPANY)

RELINQUISHED BY: 2 [signature] 7/6/05 (SIGNATURE) (DATE)
Emilio Aceves (PRINTED NAME) (TIME)
DEL MAR AN 15:15 (COMPANY)

RELINQUISHED BY: 3 (SIGNATURE) (DATE) (PRINTED NAME) (TIME) (COMPANY)

ANALYTICAL LABORATORY: DEL MAR

FAX RESULTS TO:
SEND HARDCOPY TO:
SEND EDD TO: ✓

RECEIVED BY: 1 [signature] 7/6/05 (SIGNATURE) (DATE)
Emilio Aceves (PRINTED NAME) (TIME)
DEL MAR AN 14:10 (COMPANY)

RECEIVED BY: 2 (SIGNATURE) (DATE) (PRINTED NAME) (TIME) (COMPANY)

RECEIVED BY (LABORATORY): 3 [signature] 7-6-05 (SIGNATURE) (DATE)
Fidela Aviles 14:10 (PRINTED NAME) (TIME)
Del Mar Analytical (LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO: 2001/COC/TWT

intact/ice 4°C

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LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: Ameron
002-10311.00

Sampled: 07/05/05
Received: 07/05/05
Issued: 07/12/05 16:08

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IOG0176-01	FAB-UST-EX-WW-3-6'	Soil
IOG0176-02	FAB-UST-EX-NW-6'	Soil
IOG0176-03	FAB-UST-BOT-5-10'	Soil
IOG0176-04	MS-EX-WW-5'	Soil
IOG0176-05	MS-EX-SW-4'	Soil
IOG0176-06	MS-EX-EW-4'	Soil
IOG0176-07	MS-EX-BOT-6'	Soil
IOG0176-08	MS-EX-NW-4'	Soil
IOG0176-09	AST-W-EX-NW-2'	Soil
IOG0176-10	AST-W-EX-EW-2'	Soil
IOG0176-11	AST-W-EX-SW-2'	Soil
IOG0176-12	AST-W-EX-WW-2'	Soil
IOG0176-13	AST-W-EX-BOT-5'	Soil
IOG0176-14	DUP-1-070505	Soil

Reviewed By:

Del Mar Analytical, Irvine
Patty Mata
Project Manager

Del Mar Analytical

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-01 (FAB-UST-EX-WW-3-6' - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Bromobenzene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Bromochloromethane	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Bromodichloromethane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Bromoform	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Bromomethane	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
n-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
sec-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
tert-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Carbon tetrachloride	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Chlorobenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Chloroethane	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Chloroform	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Chloromethane	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
2-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
4-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Dibromochloromethane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Dibromomethane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,2-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,3-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,4-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Dichlorodifluoromethane	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
1,1-Dichloroethane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,2-Dichloroethane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,1-Dichloroethene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,3-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
2,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,1-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Ethylbenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Hexachlorobutadiene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Isopropylbenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
p-Isopropyltoluene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Methylene chloride	EPA 8260B	5G07027	20	ND	0.935	7/7/2005	7/7/2005	
Naphthalene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-01 (FAB-UST-EX-WW-3-6' - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Styrene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Tetrachloroethene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Toluene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
1,1,1-Trichloroethane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,1,2-Trichloroethane	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Trichloroethene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Trichlorofluoromethane	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
1,2,3-Trichloropropane	EPA 8260B	5G07027	10	ND	0.935	7/7/2005	7/7/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Vinyl chloride	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
o-Xylene	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
m,p-Xylenes	EPA 8260B	5G07027	2.0	ND	0.935	7/7/2005	7/7/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G07027	5.0	ND	0.935	7/7/2005	7/7/2005	
tert-Butanol (TBA)	EPA 8260B	5G07027	100	ND	0.935	7/7/2005	7/7/2005	
Surrogate: Dibromofluoromethane (80-125%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-02 (FAB-UST-EX-NW-6' - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Bromobenzene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Bromochloromethane	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Bromodichloromethane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Bromoform	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Bromomethane	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
n-Butylbenzene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
sec-Butylbenzene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
tert-Butylbenzene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Carbon tetrachloride	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Chlorobenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Chloroethane	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Chloroform	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Chloromethane	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
2-Chlorotoluene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
4-Chlorotoluene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Dibromochloromethane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Dibromomethane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,2-Dichlorobenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,3-Dichlorobenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,4-Dichlorobenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Dichlorodifluoromethane	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
1,1-Dichloroethane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,2-Dichloroethane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,1-Dichloroethene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,2-Dichloropropane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,3-Dichloropropane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
2,2-Dichloropropane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,1-Dichloropropene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Ethylbenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Hexachlorobutadiene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Isopropylbenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
p-Isopropyltoluene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Methylene chloride	EPA 8260B	5G07027	18	ND	0.876	7/7/2005	7/7/2005	
Naphthalene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-02 (FAB-UST-EX-NW-6' - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Styrene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Tetrachloroethene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Toluene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
1,1,1-Trichloroethane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,1,2-Trichloroethane	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Trichloroethene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Trichlorofluoromethane	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
1,2,3-Trichloropropane	EPA 8260B	5G07027	8.8	ND	0.876	7/7/2005	7/7/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Vinyl chloride	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
o-Xylene	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
m,p-Xylenes	EPA 8260B	5G07027	1.8	ND	0.876	7/7/2005	7/7/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G07027	4.4	ND	0.876	7/7/2005	7/7/2005	
tert-Butanol (TBA)	EPA 8260B	5G07027	88	ND	0.876	7/7/2005	7/7/2005	
Surrogate: Dibromofluoromethane (80-125%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				

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Project ID: Ameron
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Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-03 (FAB-UST-BOT-5-10' - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Bromobenzene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Bromochloromethane	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Bromodichloromethane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Bromoform	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Bromomethane	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
n-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
sec-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
tert-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Carbon tetrachloride	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Chlorobenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Chloroethane	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Chloroform	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Chloromethane	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
2-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
4-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Dibromochloromethane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Dibromomethane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,2-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,3-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,4-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Dichlorodifluoromethane	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
1,1-Dichloroethane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,2-Dichloroethane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,1-Dichloroethene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,3-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
2,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,1-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Ethylbenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Hexachlorobutadiene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Isopropylbenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
p-Isopropyltoluene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Methylene chloride	EPA 8260B	5G07027	20	ND	0.977	7/7/2005	7/7/2005	
Naphthalene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	

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Patty Mata
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Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-03 (FAB-UST-BOT-5-10' - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Styrene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Tetrachloroethene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Toluene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
1,1,1-Trichloroethane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,1,2-Trichloroethane	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Trichloroethene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Trichlorofluoromethane	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
1,2,3-Trichloropropane	EPA 8260B	5G07027	10	ND	0.977	7/7/2005	7/7/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Vinyl chloride	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
o-Xylene	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
m,p-Xylenes	EPA 8260B	5G07027	2.0	ND	0.977	7/7/2005	7/7/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G07027	5.0	ND	0.977	7/7/2005	7/7/2005	
tert-Butanol (TBA)	EPA 8260B	5G07027	100	ND	0.977	7/7/2005	7/7/2005	
Surrogate: Dibromofluoromethane (80-125%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-09 (AST-W-EX-NW-2' - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Bromoform	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Bromomethane	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Chloroethane	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Chloroform	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Chloromethane	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G07027	20	ND	0.949	7/7/2005	7/8/2005	
Naphthalene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-09 (AST-W-EX-NW-2' - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Styrene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Toluene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G07027	10	ND	0.949	7/7/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
o-Xylene	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G07027	2.0	ND	0.949	7/7/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G07027	5.0	ND	0.949	7/7/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G07027	100	ND	0.949	7/7/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				

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Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-10 (AST-W-EX-EW-2' - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Bromoform	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Bromomethane	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Chloroethane	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Chloroform	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Chloromethane	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G07027	20	ND	1.03	7/7/2005	7/8/2005	
Naphthalene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	

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Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-10 (AST-W-EX-EW-2' - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Styrene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Toluene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G07027	10	ND	1.03	7/7/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
o-Xylene	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G07027	2.0	ND	1.03	7/7/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G07027	5.0	ND	1.03	7/7/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G07027	100	ND	1.03	7/7/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*96 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				

Del Mar Analytical, Irvine
Patty Mata
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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-11 (AST-W-EX-SW-2' - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Bromochloromethane	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Bromoform	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
Bromomethane	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
sec-Butylbenzene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
tert-Butylbenzene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Carbon tetrachloride	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Chloroethane	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
Chloroform	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Chloromethane	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
4-Chlorotoluene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Dibromochloromethane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
1,2-Dibromoethane (EDB)	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
1,3-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
1,4-Dichlorobenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Dichlorodifluoromethane	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Isopropylbenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
p-Isopropyltoluene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Methylene chloride	EPA 8260B	5G07027	20	ND	1.06	7/7/2005	7/8/2005	
Naphthalene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I

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Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-11 (AST-W-EX-SW-2' - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Styrene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Tetrachloroethene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Toluene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
1,2,4-Trichlorobenzene	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
1,1,1-Trichloroethane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G07027	10	ND	1.06	7/7/2005	7/8/2005	A-01, I
1,2,4-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
1,3,5-Trimethylbenzene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	A-01, I
Vinyl chloride	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
o-Xylene	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G07027	2.0	ND	1.06	7/7/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G07027	5.0	ND	1.06	7/7/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G07027	100	ND	1.06	7/7/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*92 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*83 %*				

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-12 (AST-W-EX-WW-2' - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08010	18	ND	0.894	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-12 (AST-W-EX-WW-2' - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08010	8.9	ND	0.894	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08010	1.8	ND	0.894	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08010	4.5	ND	0.894	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08010	89	ND	0.894	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*97 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-13 (AST-W-EX-BOT-5' - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08025	18	ND	0.879	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-13 (AST-W-EX-BOT-5' - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08025	8.8	ND	0.879	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08025	1.8	ND	0.879	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08025	4.4	ND	0.879	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08025	88	ND	0.879	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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Patty Mata
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Sampled: 07/05/05
Received: 07/05/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-14 (DUP-1-070505 - Soil)				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Bromobenzene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Bromochloromethane	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Bromodichloromethane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Bromoform	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Bromomethane	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
n-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
sec-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
tert-Butylbenzene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Carbon tetrachloride	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Chlorobenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Chloroethane	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Chloroform	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Chloromethane	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
2-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
4-Chlorotoluene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Dibromochloromethane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Dibromomethane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,2-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,3-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,4-Dichlorobenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Dichlorodifluoromethane	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
1,1-Dichloroethane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,2-Dichloroethane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,1-Dichloroethene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,3-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
2,2-Dichloropropane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,1-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Ethylbenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Hexachlorobutadiene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Isopropylbenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
p-Isopropyltoluene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Methylene chloride	EPA 8260B	5G08010	20	ND	0.956	7/8/2005	7/8/2005	
Naphthalene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-14 (DUP-1-070505 - Soil) - cont.				**Sampled: 07/05/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Styrene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Tetrachloroethene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Toluene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
1,1,1-Trichloroethane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,1,2-Trichloroethane	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Trichloroethene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Trichlorofluoromethane	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
1,2,3-Trichloropropane	EPA 8260B	5G08010	10	ND	0.956	7/8/2005	7/8/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Vinyl chloride	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
o-Xylene	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
m,p-Xylenes	EPA 8260B	5G08010	2.0	ND	0.956	7/8/2005	7/8/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G08010	5.0	ND	0.956	7/8/2005	7/8/2005	
tert-Butanol (TBA)	EPA 8260B	5G08010	100	ND	0.956	7/8/2005	7/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-01 (FAB-UST-EX-WW-3-6' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G08043	5.0	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*67 %*					
Sample ID: IOG0176-02 (FAB-UST-EX-NW-6' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G08043	5.0	**5.6**	0.999	100	7/8/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*62 %*					

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Patty Mata
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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-03 (FAB-UST-BOT-5-10' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G08043	5.0	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G08043	1.8	ND	0.999	N/A	7/8/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*66 %*					
Sample ID: IOG0176-04 (MS-EX-WW-5' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G08043	10	**550**	2	100	7/8/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G08043	3.6	ND	2	N/A	7/8/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G08043	3.6	ND	2	N/A	7/8/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G08043	3.6	ND	2	N/A	7/8/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G08043	3.6	**3.8**	2	1	7/8/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G08043	3.6	**11**	2	2	7/8/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G08043	3.6	**29**	2	5	7/8/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G08043	3.6	**53**	2	10	7/8/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G08043	3.6	**74**	2	13	7/8/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G08043	3.6	**81**	2	15	7/8/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G08043	3.6	**93**	2	17	7/8/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G08043	3.6	**75**	2	14	7/8/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G08043	3.6	**69**	2	13	7/8/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G08043	3.6	**44**	2	8	7/8/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G08043	3.6	**15**	2	3	7/8/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*152 %*					*ZX*

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-05 (MS-EX-SW-4' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G08043	10	**820**	2	100	7/8/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G08043	3.6	ND	2	N/A	7/8/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G08043	3.6	ND	2	N/A	7/8/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G08043	3.6	**9.6**	2	1	7/8/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G08043	3.6	**26**	2	3	7/8/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G08043	3.6	**39**	2	5	7/8/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G08043	3.6	**52**	2	6	7/8/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G08043	3.6	**58**	2	7	7/8/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G08043	3.6	**76**	2	9	7/8/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G08043	3.6	**91**	2	11	7/8/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G08043	3.6	**120**	2	15	7/8/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G08043	3.6	**90**	2	11	7/8/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G08043	3.6	**91**	2	11	7/8/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G08043	3.6	**130**	2	16	7/8/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G08043	3.6	**41**	2	5	7/8/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*183 %*					*ZX*
Sample ID: IOG0176-06 (MS-EX-EW-4' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G08043	5.0	**19**	0.998	100	7/8/2005	7/12/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G08043	1.8	**2.1**	0.998	11	7/8/2005	7/12/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G08043	1.8	**2.8**	0.998	15	7/8/2005	7/12/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G08043	1.8	**2.5**	0.998	13	7/8/2005	7/12/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G08043	1.8	**3.1**	0.998	16	7/8/2005	7/12/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G08043	1.8	**3.1**	0.998	16	7/8/2005	7/12/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G08043	1.8	ND	0.998	N/A	7/8/2005	7/12/2005	
Surrogate: n-Octacosane (40-130%)				*78 %*					

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Sampled: 07/05/05
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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-07 (MS-EX-BOT-6' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G08043	5.0	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G08043	1.8	ND	1	N/A	7/8/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*60 %*					
Sample ID: IOG0176-08 (MS-EX-NW-4' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G10017	5.0	**99**	0.999	100	7/10/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G10017	1.8	ND	0.999	N/A	7/10/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G10017	1.8	**2.7**	0.999	3	7/10/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G10017	1.8	**6.2**	0.999	6	7/10/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G10017	1.8	**7.4**	0.999	7	7/10/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G10017	1.8	**8.3**	0.999	8	7/10/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G10017	1.8	**8.6**	0.999	9	7/10/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G10017	1.8	**11**	0.999	11	7/10/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G10017	1.8	**12**	0.999	12	7/10/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G10017	1.8	**13**	0.999	13	7/10/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G10017	1.8	**17**	0.999	17	7/10/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G10017	1.8	**11**	0.999	11	7/10/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*88 %*					

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-09 (AST-W-EX-NW-2' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G09029	5.0	**6.6**	0.998	100	7/9/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*61 %*					
Sample ID: IOG0176-10 (AST-W-EX-EW-2' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G09029	5.0	**190**	1	100	7/9/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G09029	1.8	**3.0**	1	2	7/9/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G09029	1.8	**14**	1	7	7/9/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G09029	1.8	**25**	1	13	7/9/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G09029	1.8	**27**	1	14	7/9/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G09029	1.8	**24**	1	13	7/9/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G09029	1.8	**20**	1	11	7/9/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G09029	1.8	**19**	1	10	7/9/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G09029	1.8	**18**	1	9	7/9/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G09029	1.8	**18**	1	9	7/9/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G09029	1.8	**17**	1	9	7/9/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G09029	1.8	**4.5**	1	2	7/9/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*103 %*					

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Patty Mata
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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-11 (AST-W-EX-SW-2' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G09029	50	**1600**	9.99	100	7/9/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G09029	18	ND	9.99	N/A	7/9/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G09029	18	ND	9.99	N/A	7/9/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G09029	18	ND	9.99	N/A	7/9/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G09029	18	**25**	9.99	2	7/9/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G09029	18	**100**	9.99	6	7/9/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G09029	18	**120**	9.99	8	7/9/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G09029	18	**200**	9.99	13	7/9/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G09029	18	**200**	9.99	13	7/9/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G09029	18	**200**	9.99	13	7/9/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G09029	18	**210**	9.99	13	7/9/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G09029	18	**190**	9.99	12	7/9/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G09029	18	**220**	9.99	14	7/9/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G09029	18	**83**	9.99	5	7/9/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G09029	18	**30**	9.99	2	7/9/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*332 %*					*Z3*
Sample ID: IOG0176-12 (AST-W-EX-WW-2' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G09029	5.0	**7.3**	1	100	7/9/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G09029	1.8	**2.2**	1	30	7/9/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G09029	1.8	ND	1	N/A	7/9/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*52 %*					

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0176-13 (AST-W-EX-BOT-5' - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G09029	5.0	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*126 %*					
Sample ID: IOG0176-14 (DUP-1-070505 - Soil)					**Sampled: 07/05/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G09029	5.0	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G09029	1.8	ND	0.998	N/A	7/9/2005	7/11/2005	
Surrogate: n-Octacosane (40-130%)				*57 %*					

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08043 Extracted: 07/08/05										
Blank Analyzed: 07/11/2005 (5G08043-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.91*		*mg/kg*	*6.67*		*74*	*40-130*			
LCS Analyzed: 07/11/2005 (5G08043-BS1)										
EFH (C8 - C40)	27.6	5.0	mg/kg	33.3		83	40-120			
Surrogate: n-Octacosane	*5.38*		*mg/kg*	*6.67*		*81*	*40-130*			
Matrix Spike Analyzed: 07/11/2005 (5G08043-MS1)					**Source: IOF2148-43**					
EFH (C8 - C40)	85.1	5.0	mg/kg	33.3	44	123	30-125			
Surrogate: n-Octacosane	*8.09*		*mg/kg*	*6.65*		*122*	*40-130*			
Matrix Spike Dup Analyzed: 07/11/2005 (5G08043-MSD1)					**Source: IOF2148-43**					
EFH (C8 - C40)	73.7	5.0	mg/kg	33.3	44	89	30-125	14	30	
Surrogate: n-Octacosane	*6.96*		*mg/kg*	*6.66*		*105*	*40-130*			

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METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G09029 Extracted: 07/09/05										
Blank Analyzed: 07/09/2005 (5G09029-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.64*		*mg/kg*	*6.65*		*70*	*40-130*			
LCS Analyzed: 07/09/2005 (5G09029-BS1)										
EFH (C8 - C40)	24.5	5.0	mg/kg	33.3		74	40-120			
Surrogate: n-Octacosane	*4.98*		*mg/kg*	*6.65*		*75*	*40-130*			
Matrix Spike Analyzed: 07/09/2005 (5G09029-MS1)					**Source: IOG0038-01**					
EFH (C8 - C40)	25.0	5.0	mg/kg	33.4	2.3	68	30-125			
Surrogate: n-Octacosane	*4.43*		*mg/kg*	*6.67*		*66*	*40-130*			
Matrix Spike Dup Analyzed: 07/09/2005 (5G09029-MSD1)					**Source: IOG0038-01**					
EFH (C8 - C40)	26.0	5.0	mg/kg	33.3	2.3	71	30-125	4	30	
Surrogate: n-Octacosane	*4.39*		*mg/kg*	*6.67*		*66*	*40-130*			

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G10017 Extracted: 07/10/05										
Blank Analyzed: 07/11/2005 (5G10017-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.35*		*mg/kg*	*6.67*		*65*	*40-130*			
LCS Analyzed: 07/11/2005 (5G10017-BS1)										
EFH (C8 - C40)	26.6	5.0	mg/kg	33.3		80	40-120			
Surrogate: n-Octacosane	*5.18*		*mg/kg*	*6.67*		*78*	*40-130*			
Matrix Spike Analyzed: 07/11/2005 (5G10017-MS1)					**Source: IOG0063-07**					
EFH (C8 - C40)	17.6	5.0	mg/kg	33.3	3.3	43	30-125			
Surrogate: n-Octacosane	*4.04*		*mg/kg*	*6.67*		*61*	*40-130*			
Matrix Spike Dup Analyzed: 07/11/2005 (5G10017-MSD1)					**Source: IOG0063-07**					
EFH (C8 - C40)	19.1	5.0	mg/kg	33.3	3.3	47	30-125	8	30	
Surrogate: n-Octacosane	*3.71*		*mg/kg*	*6.66*		*56*	*40-130*			

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Project Manager

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Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Blank Analyzed: 07/07/2005 (5G07027-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Blank Analyzed: 07/07/2005 (5G07027-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*50.8*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*49.0*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*49.4*		*ug/kg*	*50.0*		*99*	*80-120*			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
LCS Analyzed: 07/07/2005 (5G07027-BS1)										
Benzene	46.3	2.0	ug/kg	50.0		93	65-120			
Bromobenzene	46.6	5.0	ug/kg	50.0		93	70-120			
Bromochloromethane	45.2	5.0	ug/kg	50.0		90	65-130			
Bromodichloromethane	42.5	2.0	ug/kg	50.0		85	65-135			
Bromoform	38.1	5.0	ug/kg	50.0		76	50-135			
Bromomethane	52.1	5.0	ug/kg	50.0		104	60-145			
n-Butylbenzene	49.4	5.0	ug/kg	50.0		99	70-125			
sec-Butylbenzene	48.2	5.0	ug/kg	50.0		96	70-125			
tert-Butylbenzene	47.6	5.0	ug/kg	50.0		95	70-125			
Carbon tetrachloride	47.3	5.0	ug/kg	50.0		95	65-140			
Chlorobenzene	47.2	2.0	ug/kg	50.0		94	70-125			
Chloroethane	49.5	5.0	ug/kg	50.0		99	55-140			
Chloroform	46.5	2.0	ug/kg	50.0		93	65-130			
Chloromethane	41.1	5.0	ug/kg	50.0		82	40-140			
2-Chlorotoluene	45.0	5.0	ug/kg	50.0		90	70-125			
4-Chlorotoluene	47.6	5.0	ug/kg	50.0		95	70-125			
Dibromochloromethane	41.5	2.0	ug/kg	50.0		83	65-140			
1,2-Dibromo-3-chloropropane	28.7	5.0	ug/kg	50.0		57	45-140			
1,2-Dibromoethane (EDB)	40.4	2.0	ug/kg	50.0		81	70-130			
Dibromomethane	41.4	2.0	ug/kg	50.0		83	65-130			
1,2-Dichlorobenzene	46.4	2.0	ug/kg	50.0		93	70-120			
1,3-Dichlorobenzene	47.2	2.0	ug/kg	50.0		94	70-125			
1,4-Dichlorobenzene	43.8	2.0	ug/kg	50.0		88	70-125			
Dichlorodifluoromethane	44.0	5.0	ug/kg	50.0		88	25-155			
1,1-Dichloroethane	46.6	2.0	ug/kg	50.0		93	65-130			
1,2-Dichloroethane	40.7	2.0	ug/kg	50.0		81	60-140			
1,1-Dichloroethene	44.7	5.0	ug/kg	50.0		89	70-130			
cis-1,2-Dichloroethene	47.2	2.0	ug/kg	50.0		94	65-125			
trans-1,2-Dichloroethene	49.7	2.0	ug/kg	50.0		99	65-130			
1,2-Dichloropropane	43.5	2.0	ug/kg	50.0		87	65-125			
1,3-Dichloropropane	41.7	2.0	ug/kg	50.0		83	65-125			
2,2-Dichloropropane	48.5	2.0	ug/kg	50.0		97	60-145			
1,1-Dichloropropene	47.1	2.0	ug/kg	50.0		94	70-130			
cis-1,3-Dichloropropene	45.7	2.0	ug/kg	50.0		91	70-130			
trans-1,3-Dichloropropene	43.4	2.0	ug/kg	50.0		87	65-135			

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
LCS Analyzed: 07/07/2005 (5G07027-BS1)										
Ethylbenzene	47.5	2.0	ug/kg	50.0		95	70-125			
Hexachlorobutadiene	44.1	5.0	ug/kg	50.0		88	60-135			
Isopropylbenzene	50.6	2.0	ug/kg	50.0		101	70-125			
p-Isopropyltoluene	46.3	2.0	ug/kg	50.0		93	70-125			
Methylene chloride	45.5	20	ug/kg	50.0		91	60-130			
Naphthalene	37.6	5.0	ug/kg	50.0		75	50-140			
n-Propylbenzene	50.4	2.0	ug/kg	50.0		101	70-125			
Styrene	46.7	2.0	ug/kg	50.0		93	70-130			
1,1,1,2-Tetrachloroethane	44.1	5.0	ug/kg	50.0		88	70-135			
1,1,2,2-Tetrachloroethane	39.1	2.0	ug/kg	50.0		78	55-140			
Tetrachloroethene	48.5	2.0	ug/kg	50.0		97	65-125			
Toluene	47.5	2.0	ug/kg	50.0		95	70-125			
1,2,3-Trichlorobenzene	41.9	5.0	ug/kg	50.0		84	60-130			
1,2,4-Trichlorobenzene	45.0	5.0	ug/kg	50.0		90	65-135			
1,1,1-Trichloroethane	48.3	2.0	ug/kg	50.0		97	65-135			
1,1,2-Trichloroethane	41.2	2.0	ug/kg	50.0		82	65-130			
Trichloroethene	47.1	2.0	ug/kg	50.0		94	70-125			
Trichlorofluoromethane	49.6	5.0	ug/kg	50.0		99	60-140			
1,2,3-Trichloropropane	36.9	10	ug/kg	50.0		74	55-135			
1,2,4-Trimethylbenzene	46.8	2.0	ug/kg	50.0		94	70-125			
1,3,5-Trimethylbenzene	47.9	2.0	ug/kg	50.0		96	70-125			
Vinyl chloride	43.7	5.0	ug/kg	50.0		87	50-130			
o-Xylene	47.4	2.0	ug/kg	50.0		95	70-125			
m,p-Xylenes	93.9	2.0	ug/kg	100		94	70-125			
Di-isopropyl Ether (DIPE)	44.5	5.0	ug/kg	50.0		89	60-135			
Ethyl tert-Butyl Ether (ETBE)	41.8	5.0	ug/kg	50.0		84	60-135			
tert-Amyl Methyl Ether (TAME)	40.5	5.0	ug/kg	50.0		81	60-140			
Methyl-tert-butyl Ether (MTBE)	38.1	5.0	ug/kg	50.0		76	55-140			
tert-Butanol (TBA)	268	100	ug/kg	250		107	65-135			
Surrogate: Dibromofluoromethane	*48.1*		*ug/kg*	*50.0*		*96*	*80-125*			
Surrogate: Toluene-d8	*48.9*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.3*		*ug/kg*	*50.0*		*95*	*80-120*			

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Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Matrix Spike Analyzed: 07/07/2005 (5G07027-MS1)					**Source: IOG0344-01**					
Benzene	54.2	2.0	ug/kg	50.0	ND	108	65-130			
Bromobenzene	58.6	5.0	ug/kg	50.0	ND	117	70-135			
Bromochloromethane	58.2	5.0	ug/kg	50.0	ND	116	65-140			
Bromodichloromethane	52.3	2.0	ug/kg	50.0	ND	105	65-140			
Bromoform	55.4	5.0	ug/kg	50.0	ND	111	50-140			
Bromomethane	58.5	5.0	ug/kg	50.0	ND	117	55-150			
n-Butylbenzene	49.2	5.0	ug/kg	50.0	ND	98	55-140			
sec-Butylbenzene	50.9	5.0	ug/kg	50.0	ND	102	65-130			
tert-Butylbenzene	52.5	5.0	ug/kg	50.0	ND	105	65-135			
Carbon tetrachloride	53.7	5.0	ug/kg	50.0	ND	107	65-140			
Chlorobenzene	55.9	2.0	ug/kg	50.0	ND	112	70-125			
Chloroethane	56.8	5.0	ug/kg	50.0	ND	114	55-145			
Chloroform	55.2	2.0	ug/kg	50.0	ND	110	65-130			
Chloromethane	47.4	5.0	ug/kg	50.0	ND	95	35-140			
2-Chlorotoluene	51.5	5.0	ug/kg	50.0	ND	103	65-130			
4-Chlorotoluene	55.1	5.0	ug/kg	50.0	ND	110	70-130			
Dibromochloromethane	56.0	2.0	ug/kg	50.0	ND	112	65-140			
1,2-Dibromo-3-chloropropane	46.4	5.0	ug/kg	50.0	ND	93	45-145			
1,2-Dibromoethane (EDB)	57.7	2.0	ug/kg	50.0	ND	115	65-135			
Dibromomethane	55.5	2.0	ug/kg	50.0	ND	111	65-135			
1,2-Dichlorobenzene	54.3	2.0	ug/kg	50.0	ND	109	70-130			
1,3-Dichlorobenzene	54.1	2.0	ug/kg	50.0	ND	108	70-125			
1,4-Dichlorobenzene	51.2	2.0	ug/kg	50.0	ND	102	70-125			
Dichlorodifluoromethane	55.5	5.0	ug/kg	50.0	ND	111	25-155			
1,1-Dichloroethane	55.3	2.0	ug/kg	50.0	ND	111	65-130			
1,2-Dichloroethane	54.9	2.0	ug/kg	50.0	ND	110	60-145			
1,1-Dichloroethene	57.2	5.0	ug/kg	50.0	ND	114	65-135			
cis-1,2-Dichloroethene	56.2	2.0	ug/kg	50.0	ND	112	65-130			
trans-1,2-Dichloroethene	58.3	2.0	ug/kg	50.0	ND	117	65-135			
1,2-Dichloropropane	52.0	2.0	ug/kg	50.0	ND	104	65-125			
1,3-Dichloropropane	58.8	2.0	ug/kg	50.0	ND	118	65-135			
2,2-Dichloropropane	54.5	2.0	ug/kg	50.0	ND	109	60-145			
1,1-Dichloropropene	54.0	2.0	ug/kg	50.0	ND	108	65-135			
cis-1,3-Dichloropropene	56.9	2.0	ug/kg	50.0	ND	114	70-130			
trans-1,3-Dichloropropene	58.6	2.0	ug/kg	50.0	ND	117	65-140			

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Patty Mata
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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Matrix Spike Analyzed: 07/07/2005 (5G07027-MS1)					**Source: IOG0344-01**					
Ethylbenzene	54.6	2.0	ug/kg	50.0	ND	109	70-130			
Hexachlorobutadiene	30.7	5.0	ug/kg	50.0	ND	61	55-140			
Isopropylbenzene	58.5	2.0	ug/kg	50.0	ND	117	65-140			
p-Isopropyltoluene	50.1	2.0	ug/kg	50.0	ND	100	60-135			
Methylene chloride	56.2	20	ug/kg	50.0	ND	112	60-140			
Naphthalene	45.8	5.0	ug/kg	50.0	ND	92	40-155			
n-Propylbenzene	56.5	2.0	ug/kg	50.0	ND	113	65-140			
Styrene	55.5	2.0	ug/kg	50.0	ND	111	70-140			
1,1,1,2-Tetrachloroethane	54.2	5.0	ug/kg	50.0	ND	108	70-140			
1,1,2,2-Tetrachloroethane	63.7	2.0	ug/kg	50.0	ND	127	45-155			
Tetrachloroethene	54.6	2.0	ug/kg	50.0	ND	109	65-135			
Toluene	54.0	2.0	ug/kg	50.0	ND	108	70-125			
1,2,3-Trichlorobenzene	38.7	5.0	ug/kg	50.0	ND	77	50-140			
1,2,4-Trichlorobenzene	42.7	5.0	ug/kg	50.0	ND	85	55-135			
1,1,1-Trichloroethane	55.4	2.0	ug/kg	50.0	ND	111	65-140			
1,1,2-Trichloroethane	56.2	2.0	ug/kg	50.0	ND	112	65-135			
Trichloroethene	53.2	2.0	ug/kg	50.0	ND	106	70-135			
Trichlorofluoromethane	56.3	5.0	ug/kg	50.0	ND	113	50-150			
1,2,3-Trichloropropane	60.8	10	ug/kg	50.0	ND	122	55-145			
1,2,4-Trimethylbenzene	53.9	2.0	ug/kg	50.0	ND	108	65-135			
1,3,5-Trimethylbenzene	54.4	2.0	ug/kg	50.0	ND	109	70-130			
Vinyl chloride	51.9	5.0	ug/kg	50.0	ND	104	50-135			
o-Xylene	55.1	2.0	ug/kg	50.0	ND	110	70-125			
m,p-Xylenes	108	2.0	ug/kg	100	ND	108	70-125			
Di-isopropyl Ether (DIPE)	56.3	5.0	ug/kg	50.0	ND	113	60-145			
Ethyl tert-Butyl Ether (ETBE)	56.3	5.0	ug/kg	50.0	ND	113	60-140			
tert-Amyl Methyl Ether (TAME)	57.9	5.0	ug/kg	50.0	ND	116	60-145			
Methyl-tert-butyl Ether (MTBE)	56.5	5.0	ug/kg	50.0	ND	113	55-150			
tert-Butanol (TBA)	297	100	ug/kg	250	ND	119	65-140			
Surrogate: Dibromofluoromethane	*50.0*		*ug/kg*	*50.0*		*100*	*80-125*			
Surrogate: Toluene-d8	*48.9*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*48.3*		*ug/kg*	*50.0*		*97*	*80-120*			

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Report Number: IOG0176

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Matrix Spike Dup Analyzed: 07/07/2005 (5G07027-MSD1)					**Source: IOG0344-01**					
Benzene	53.4	2.0	ug/kg	50.0	ND	107	65-130	1	20	
Bromobenzene	55.3	5.0	ug/kg	50.0	ND	111	70-135	6	25	
Bromochloromethane	58.6	5.0	ug/kg	50.0	ND	117	65-140	1	25	
Bromodichloromethane	53.6	2.0	ug/kg	50.0	ND	107	65-140	2	20	
Bromoform	57.4	5.0	ug/kg	50.0	ND	115	50-140	4	30	
Bromomethane	56.7	5.0	ug/kg	50.0	ND	113	55-150	3	25	
n-Butylbenzene	47.3	5.0	ug/kg	50.0	ND	95	55-140	4	30	
sec-Butylbenzene	48.1	5.0	ug/kg	50.0	ND	96	65-130	6	25	
tert-Butylbenzene	49.4	5.0	ug/kg	50.0	ND	99	65-135	6	25	
Carbon tetrachloride	53.4	5.0	ug/kg	50.0	ND	107	65-140	1	25	
Chlorobenzene	53.1	2.0	ug/kg	50.0	ND	106	70-125	5	25	
Chloroethane	55.4	5.0	ug/kg	50.0	ND	111	55-145	2	25	
Chloroform	54.4	2.0	ug/kg	50.0	ND	109	65-130	1	20	
Chloromethane	47.0	5.0	ug/kg	50.0	ND	94	35-140	1	25	
2-Chlorotoluene	48.8	5.0	ug/kg	50.0	ND	98	65-130	5	25	
4-Chlorotoluene	51.6	5.0	ug/kg	50.0	ND	103	70-130	7	25	
Dibromochloromethane	56.1	2.0	ug/kg	50.0	ND	112	65-140	0	25	
1,2-Dibromo-3-chloropropane	49.9	5.0	ug/kg	50.0	ND	100	45-145	7	30	
1,2-Dibromoethane (EDB)	59.5	2.0	ug/kg	50.0	ND	119	65-135	3	25	
Dibromomethane	56.7	2.0	ug/kg	50.0	ND	113	65-135	2	25	
1,2-Dichlorobenzene	53.0	2.0	ug/kg	50.0	ND	106	70-130	2	25	
1,3-Dichlorobenzene	51.7	2.0	ug/kg	50.0	ND	103	70-125	5	25	
1,4-Dichlorobenzene	49.9	2.0	ug/kg	50.0	ND	100	70-125	3	25	
Dichlorodifluoromethane	54.5	5.0	ug/kg	50.0	ND	109	25-155	2	35	
1,1-Dichloroethane	53.5	2.0	ug/kg	50.0	ND	107	65-130	3	25	
1,2-Dichloroethane	54.4	2.0	ug/kg	50.0	ND	109	60-145	1	25	
1,1-Dichloroethene	48.6	5.0	ug/kg	50.0	ND	97	65-135	16	25	
cis-1,2-Dichloroethene	54.8	2.0	ug/kg	50.0	ND	110	65-130	3	25	
trans-1,2-Dichloroethene	56.8	2.0	ug/kg	50.0	ND	114	65-135	3	25	
1,2-Dichloropropane	52.5	2.0	ug/kg	50.0	ND	105	65-125	1	20	
1,3-Dichloropropane	58.7	2.0	ug/kg	50.0	ND	117	65-135	0	25	
2,2-Dichloropropane	53.5	2.0	ug/kg	50.0	ND	107	60-145	2	25	
1,1-Dichloropropene	53.5	2.0	ug/kg	50.0	ND	107	65-135	1	20	
cis-1,3-Dichloropropene	57.1	2.0	ug/kg	50.0	ND	114	70-130	0	25	
trans-1,3-Dichloropropene	60.4	2.0	ug/kg	50.0	ND	121	65-140	3	25	

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Report Number: IOG0176

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Received: 07/05/05

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G07027 Extracted: 07/07/05										
Matrix Spike Dup Analyzed: 07/07/2005 (5G07027-MSD1)					**Source: IOG0344-01**					
Ethylbenzene	52.4	2.0	ug/kg	50.0	ND	105	70-130	4	25	
Hexachlorobutadiene	31.4	5.0	ug/kg	50.0	ND	63	55-140	2	35	
Isopropylbenzene	54.1	2.0	ug/kg	50.0	ND	108	65-140	8	25	
p-Isopropyltoluene	47.3	2.0	ug/kg	50.0	ND	95	60-135	6	25	
Methylene chloride	56.0	20	ug/kg	50.0	ND	112	60-140	0	25	
Naphthalene	48.9	5.0	ug/kg	50.0	ND	98	40-155	7	40	
n-Propylbenzene	53.2	2.0	ug/kg	50.0	ND	106	65-140	6	25	
Styrene	53.5	2.0	ug/kg	50.0	ND	107	70-140	4	25	
1,1,1,2-Tetrachloroethane	52.7	5.0	ug/kg	50.0	ND	105	70-140	3	20	
1,1,2,2-Tetrachloroethane	65.1	2.0	ug/kg	50.0	ND	130	45-155	2	30	
Tetrachloroethene	52.8	2.0	ug/kg	50.0	ND	106	65-135	3	25	
Toluene	53.5	2.0	ug/kg	50.0	ND	107	70-125	1	20	
1,2,3-Trichlorobenzene	40.5	5.0	ug/kg	50.0	ND	81	50-140	5	30	
1,2,4-Trichlorobenzene	44.1	5.0	ug/kg	50.0	ND	88	55-135	3	30	
1,1,1-Trichloroethane	54.1	2.0	ug/kg	50.0	ND	108	65-140	2	20	
1,1,2-Trichloroethane	58.2	2.0	ug/kg	50.0	ND	116	65-135	3	30	
Trichloroethene	52.0	2.0	ug/kg	50.0	ND	104	70-135	2	25	
Trichlorofluoromethane	56.0	5.0	ug/kg	50.0	ND	112	50-150	1	25	
1,2,3-Trichloropropane	61.1	10	ug/kg	50.0	ND	122	55-145	1	30	
1,2,4-Trimethylbenzene	50.3	2.0	ug/kg	50.0	ND	101	65-135	7	25	
1,3,5-Trimethylbenzene	51.4	2.0	ug/kg	50.0	ND	103	70-130	6	25	
Vinyl chloride	48.3	5.0	ug/kg	50.0	ND	97	50-135	7	30	
o-Xylene	53.8	2.0	ug/kg	50.0	ND	108	70-125	2	25	
m,p-Xylenes	103	2.0	ug/kg	100	ND	103	70-125	5	25	
Di-isopropyl Ether (DIPE)	56.2	5.0	ug/kg	50.0	ND	112	60-145	0	25	
Ethyl tert-Butyl Ether (ETBE)	58.0	5.0	ug/kg	50.0	ND	116	60-140	3	30	
tert-Amyl Methyl Ether (TAME)	60.1	5.0	ug/kg	50.0	ND	120	60-145	4	25	
Methyl-tert-butyl Ether (MTBE)	59.5	5.0	ug/kg	50.0	ND	119	55-150	5	35	
tert-Butanol (TBA)	304	100	ug/kg	250	ND	122	65-140	2	30	
Surrogate: Dibromofluoromethane	*51.1*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*48.8*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*48.5*		*ug/kg*	*50.0*		*97*	*80-120*			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
Blank Analyzed: 07/08/2005 (5G08010-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
Blank Analyzed: 07/08/2005 (5G08010-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*49.2*		*ug/kg*	*50.0*		*98*	*80-125*			
Surrogate: Toluene-d8	*49.6*		*ug/kg*	*50.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/kg*	*50.0*		*96*	*80-120*			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
LCS Analyzed: 07/08/2005 (5G08010-BS1)										
Benzene	46.3	2.0	ug/kg	50.0		93	65-120			
Bromobenzene	48.1	5.0	ug/kg	50.0		96	70-120			
Bromochloromethane	47.5	5.0	ug/kg	50.0		95	65-130			
Bromodichloromethane	44.5	2.0	ug/kg	50.0		89	65-135			
Bromoform	45.3	5.0	ug/kg	50.0		91	50-135			
Bromomethane	45.6	5.0	ug/kg	50.0		91	60-145			
n-Butylbenzene	48.7	5.0	ug/kg	50.0		97	70-125			
sec-Butylbenzene	48.0	5.0	ug/kg	50.0		96	70-125			
tert-Butylbenzene	49.0	5.0	ug/kg	50.0		98	70-125			
Carbon tetrachloride	48.8	5.0	ug/kg	50.0		98	65-140			
Chlorobenzene	48.1	2.0	ug/kg	50.0		96	70-125			
Chloroethane	49.4	5.0	ug/kg	50.0		99	55-140			
Chloroform	47.4	2.0	ug/kg	50.0		95	65-130			
Chloromethane	40.1	5.0	ug/kg	50.0		80	40-140			
2-Chlorotoluene	48.2	5.0	ug/kg	50.0		96	70-125			
4-Chlorotoluene	48.8	5.0	ug/kg	50.0		98	70-125			
Dibromochloromethane	46.0	2.0	ug/kg	50.0		92	65-140			
1,2-Dibromo-3-chloropropane	33.9	5.0	ug/kg	50.0		68	45-140			
1,2-Dibromoethane (EDB)	45.4	2.0	ug/kg	50.0		91	70-130			
Dibromomethane	45.6	2.0	ug/kg	50.0		91	65-130			
1,2-Dichlorobenzene	45.4	2.0	ug/kg	50.0		91	70-120			
1,3-Dichlorobenzene	47.6	2.0	ug/kg	50.0		95	70-125			
1,4-Dichlorobenzene	43.7	2.0	ug/kg	50.0		87	70-125			
Dichlorodifluoromethane	41.1	5.0	ug/kg	50.0		82	25-155			
1,1-Dichloroethane	47.8	2.0	ug/kg	50.0		96	65-130			
1,2-Dichloroethane	45.0	2.0	ug/kg	50.0		90	60-140			
1,1-Dichloroethene	48.5	5.0	ug/kg	50.0		97	70-130			
cis-1,2-Dichloroethene	47.1	2.0	ug/kg	50.0		94	65-125			
trans-1,2-Dichloroethene	48.3	2.0	ug/kg	50.0		97	65-130			
1,2-Dichloropropane	46.7	2.0	ug/kg	50.0		93	65-125			
1,3-Dichloropropane	44.5	2.0	ug/kg	50.0		89	65-125			
2,2-Dichloropropane	50.2	2.0	ug/kg	50.0		100	60-145			
1,1-Dichloropropene	47.3	2.0	ug/kg	50.0		95	70-130			
cis-1,3-Dichloropropene	48.0	2.0	ug/kg	50.0		96	70-130			
trans-1,3-Dichloropropene	48.4	2.0	ug/kg	50.0		97	65-135			

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LFR Levine Fricke
3150 Bristol Street, Suite 250
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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
LCS Analyzed: 07/08/2005 (5G08010-BS1)										
Ethylbenzene	48.4	2.0	ug/kg	50.0		97	70-125			
Hexachlorobutadiene	38.7	5.0	ug/kg	50.0		77	60-135			
Isopropylbenzene	52.3	2.0	ug/kg	50.0		105	70-125			
p-Isopropyltoluene	46.5	2.0	ug/kg	50.0		93	70-125			
Methylene chloride	47.3	20	ug/kg	50.0		95	60-130			
Naphthalene	40.7	5.0	ug/kg	50.0		81	50-140			
n-Propylbenzene	50.7	2.0	ug/kg	50.0		101	70-125			
Styrene	52.0	2.0	ug/kg	50.0		104	70-130			
1,1,1,2-Tetrachloroethane	47.8	5.0	ug/kg	50.0		96	70-135			
1,1,2,2-Tetrachloroethane	40.6	2.0	ug/kg	50.0		81	55-140			
Tetrachloroethene	48.1	2.0	ug/kg	50.0		96	65-125			
Toluene	45.4	2.0	ug/kg	50.0		91	70-125			
1,2,3-Trichlorobenzene	50.2	5.0	ug/kg	50.0		100	60-130			
1,2,4-Trichlorobenzene	44.9	5.0	ug/kg	50.0		90	65-135			
1,1,1-Trichloroethane	48.0	2.0	ug/kg	50.0		96	65-135			
1,1,2-Trichloroethane	44.4	2.0	ug/kg	50.0		89	65-130			
Trichloroethene	47.4	2.0	ug/kg	50.0		95	70-125			
Trichlorofluoromethane	47.5	5.0	ug/kg	50.0		95	60-140			
1,2,3-Trichloropropane	42.7	10	ug/kg	50.0		85	55-135			
1,2,4-Trimethylbenzene	48.6	2.0	ug/kg	50.0		97	70-125			
1,3,5-Trimethylbenzene	49.6	2.0	ug/kg	50.0		99	70-125			
Vinyl chloride	44.1	5.0	ug/kg	50.0		88	50-130			
o-Xylene	46.7	2.0	ug/kg	50.0		93	70-125			
m,p-Xylenes	95.3	2.0	ug/kg	100		95	70-125			
Di-isopropyl Ether (DIPE)	49.7	5.0	ug/kg	50.0		99	60-135			
Ethyl tert-Butyl Ether (ETBE)	47.3	5.0	ug/kg	50.0		95	60-135			
tert-Amyl Methyl Ether (TAME)	47.5	5.0	ug/kg	50.0		95	60-140			
Methyl-tert-butyl Ether (MTBE)	45.0	5.0	ug/kg	50.0		90	55-140			
tert-Butanol (TBA)	262	100	ug/kg	250		105	65-135			
Surrogate: Dibromofluoromethane	*49.1*		*ug/kg*	*50.0*		*98*	*80-125*			
Surrogate: Toluene-d8	*50.0*		*ug/kg*	*50.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*48.4*		*ug/kg*	*50.0*		*97*	*80-120*			

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Project ID: Ameron
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Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
LCS Dup Analyzed: 07/08/2005 (5G08010-BSD1)										
Benzene	50.1	2.0	ug/kg	50.0		100	65-120	8	20	
Bromobenzene	53.9	5.0	ug/kg	50.0		108	70-120	11	20	
Bromochloromethane	53.9	5.0	ug/kg	50.0		108	65-130	13	20	
Bromodichloromethane	49.6	2.0	ug/kg	50.0		99	65-135	11	20	
Bromoform	54.4	5.0	ug/kg	50.0		109	50-135	18	25	
Bromomethane	49.9	5.0	ug/kg	50.0		100	60-145	9	20	
n-Butylbenzene	52.8	5.0	ug/kg	50.0		106	70-125	8	20	
sec-Butylbenzene	52.4	5.0	ug/kg	50.0		105	70-125	9	20	
tert-Butylbenzene	53.7	5.0	ug/kg	50.0		107	70-125	9	20	
Carbon tetrachloride	53.3	5.0	ug/kg	50.0		107	65-140	9	20	
Chlorobenzene	53.2	2.0	ug/kg	50.0		106	70-125	10	20	
Chloroethane	54.1	5.0	ug/kg	50.0		108	55-140	9	25	
Chloroform	51.5	2.0	ug/kg	50.0		103	65-130	8	20	
Chloromethane	43.9	5.0	ug/kg	50.0		88	40-140	9	25	
2-Chlorotoluene	52.9	5.0	ug/kg	50.0		106	70-125	9	20	
4-Chlorotoluene	53.6	5.0	ug/kg	50.0		107	70-125	9	20	
Dibromochloromethane	54.0	2.0	ug/kg	50.0		108	65-140	16	20	
1,2-Dibromo-3-chloropropane	46.0	5.0	ug/kg	50.0		92	45-140	30	30	
1,2-Dibromoethane (EDB)	54.1	2.0	ug/kg	50.0		108	70-130	17	20	
Dibromomethane	53.4	2.0	ug/kg	50.0		107	65-130	16	20	
1,2-Dichlorobenzene	51.2	2.0	ug/kg	50.0		102	70-120	12	20	
1,3-Dichlorobenzene	52.9	2.0	ug/kg	50.0		106	70-125	11	20	
1,4-Dichlorobenzene	49.0	2.0	ug/kg	50.0		98	70-125	11	20	
Dichlorodifluoromethane	45.2	5.0	ug/kg	50.0		90	25-155	10	30	
1,1-Dichloroethane	52.0	2.0	ug/kg	50.0		104	65-130	8	20	
1,2-Dichloroethane	51.1	2.0	ug/kg	50.0		102	60-140	13	20	
1,1-Dichloroethene	51.5	5.0	ug/kg	50.0		103	70-130	6	20	
cis-1,2-Dichloroethene	50.5	2.0	ug/kg	50.0		101	65-125	7	20	
trans-1,2-Dichloroethene	52.1	2.0	ug/kg	50.0		104	65-130	8	20	
1,2-Dichloropropane	51.6	2.0	ug/kg	50.0		103	65-125	10	20	
1,3-Dichloropropane	52.7	2.0	ug/kg	50.0		105	65-125	17	20	
2,2-Dichloropropane	55.2	2.0	ug/kg	50.0		110	60-145	9	20	
1,1-Dichloropropene	51.3	2.0	ug/kg	50.0		103	70-130	8	20	
cis-1,3-Dichloropropene	53.8	2.0	ug/kg	50.0		108	70-130	11	20	
trans-1,3-Dichloropropene	55.8	2.0	ug/kg	50.0		112	65-135	14	20	

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Report Number: IOG0176

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08010 Extracted: 07/08/05										
LCS Dup Analyzed: 07/08/2005 (5G08010-BSD1)										
Ethylbenzene	53.5	2.0	ug/kg	50.0		107	70-125	10	20	
Hexachlorobutadiene	43.7	5.0	ug/kg	50.0		87	60-135	12	20	
Isopropylbenzene	56.8	2.0	ug/kg	50.0		114	70-125	8	20	
p-Isopropyltoluene	51.1	2.0	ug/kg	50.0		102	70-125	9	20	
Methylene chloride	51.6	20	ug/kg	50.0		103	60-130	9	20	
Naphthalene	52.7	5.0	ug/kg	50.0		105	50-140	26	25	*R-7*
n-Propylbenzene	54.9	2.0	ug/kg	50.0		110	70-125	8	20	
Styrene	58.2	2.0	ug/kg	50.0		116	70-130	11	20	
1,1,1,2-Tetrachloroethane	53.2	5.0	ug/kg	50.0		106	70-135	11	20	
1,1,2,2-Tetrachloroethane	49.8	2.0	ug/kg	50.0		100	55-140	20	30	
Tetrachloroethene	52.8	2.0	ug/kg	50.0		106	65-125	9	20	
Toluene	49.5	2.0	ug/kg	50.0		99	70-125	9	20	
1,2,3-Trichlorobenzene	60.4	5.0	ug/kg	50.0		121	60-130	18	20	
1,2,4-Trichlorobenzene	51.2	5.0	ug/kg	50.0		102	65-135	13	20	
1,1,1-Trichloroethane	52.3	2.0	ug/kg	50.0		105	65-135	9	20	
1,1,2-Trichloroethane	51.8	2.0	ug/kg	50.0		104	65-130	15	20	
Trichloroethene	51.7	2.0	ug/kg	50.0		103	70-125	9	20	
Trichlorofluoromethane	51.5	5.0	ug/kg	50.0		103	60-140	8	25	
1,2,3-Trichloropropane	52.7	10	ug/kg	50.0		105	55-135	21	25	
1,2,4-Trimethylbenzene	53.2	2.0	ug/kg	50.0		106	70-125	9	20	
1,3,5-Trimethylbenzene	54.1	2.0	ug/kg	50.0		108	70-125	9	20	
Vinyl chloride	45.3	5.0	ug/kg	50.0		91	50-130	3	25	
o-Xylene	51.7	2.0	ug/kg	50.0		103	70-125	10	20	
m,p-Xylenes	104	2.0	ug/kg	100		104	70-125	9	20	
Di-isopropyl Ether (DIPE)	55.5	5.0	ug/kg	50.0		111	60-135	11	20	
Ethyl tert-Butyl Ether (ETBE)	54.5	5.0	ug/kg	50.0		109	60-135	14	20	
tert-Amyl Methyl Ether (TAME)	55.8	5.0	ug/kg	50.0		112	60-140	16	20	
Methyl-tert-butyl Ether (MTBE)	54.1	5.0	ug/kg	50.0		108	55-140	18	25	
tert-Butanol (TBA)	273	100	ug/kg	250		109	65-135	4	20	
Surrogate: Dibromofluoromethane	*48.5*		*ug/kg*	*50.0*		*97*	*80-125*			
Surrogate: Toluene-d8	*50.0*		*ug/kg*	*50.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*48.6*		*ug/kg*	*50.0*		*97*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08025 Extracted: 07/08/05										
Blank Analyzed: 07/08/2005 (5G08025-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08025 Extracted: 07/08/05										
Blank Analyzed: 07/08/2005 (5G08025-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*53.4*		*ug/kg*	*50.0*		*107*	*80-125*			
Surrogate: Toluene-d8	*53.4*		*ug/kg*	*50.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/kg*	*50.0*		*98*	*80-120*			

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LFR Levine Fricke
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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08025 Extracted: 07/08/05										
LCS Analyzed: 07/08/2005 (5G08025-BS1)										
Benzene	49.8	2.0	ug/kg	50.0		100	65-120			
Bromobenzene	51.0	5.0	ug/kg	50.0		102	70-120			
Bromochloromethane	51.9	5.0	ug/kg	50.0		104	65-130			
Bromodichloromethane	47.2	2.0	ug/kg	50.0		94	65-135			
Bromoform	43.8	5.0	ug/kg	50.0		88	50-135			
Bromomethane	61.9	5.0	ug/kg	50.0		124	60-145			
n-Butylbenzene	52.9	5.0	ug/kg	50.0		106	70-125			
sec-Butylbenzene	52.5	5.0	ug/kg	50.0		105	70-125			
tert-Butylbenzene	53.2	5.0	ug/kg	50.0		106	70-125			
Carbon tetrachloride	51.5	5.0	ug/kg	50.0		103	65-140			
Chlorobenzene	53.3	2.0	ug/kg	50.0		107	70-125			
Chloroethane	62.4	5.0	ug/kg	50.0		125	55-140			
Chloroform	49.7	2.0	ug/kg	50.0		99	65-130			
Chloromethane	53.1	5.0	ug/kg	50.0		106	40-140			
2-Chlorotoluene	50.4	5.0	ug/kg	50.0		101	70-125			
4-Chlorotoluene	51.6	5.0	ug/kg	50.0		103	70-125			
Dibromochloromethane	50.2	2.0	ug/kg	50.0		100	65-140			
1,2-Dibromo-3-chloropropane	46.9	5.0	ug/kg	50.0		94	45-140			
1,2-Dibromoethane (EDB)	49.4	2.0	ug/kg	50.0		99	70-130			
Dibromomethane	50.5	2.0	ug/kg	50.0		101	65-130			
1,2-Dichlorobenzene	53.5	2.0	ug/kg	50.0		107	70-120			
1,3-Dichlorobenzene	53.2	2.0	ug/kg	50.0		106	70-125			
1,4-Dichlorobenzene	52.8	2.0	ug/kg	50.0		106	70-125			
Dichlorodifluoromethane	50.4	5.0	ug/kg	50.0		101	25-155			
1,1-Dichloroethane	52.3	2.0	ug/kg	50.0		105	65-130			
1,2-Dichloroethane	48.9	2.0	ug/kg	50.0		98	60-140			
1,1-Dichloroethene	49.1	5.0	ug/kg	50.0		98	70-130			
cis-1,2-Dichloroethene	48.6	2.0	ug/kg	50.0		97	65-125			
trans-1,2-Dichloroethene	50.1	2.0	ug/kg	50.0		100	65-130			
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0		105	65-125			
1,3-Dichloropropane	48.3	2.0	ug/kg	50.0		97	65-125			
2,2-Dichloropropane	53.7	2.0	ug/kg	50.0		107	60-145			
1,1-Dichloropropene	49.1	2.0	ug/kg	50.0		98	70-130			
cis-1,3-Dichloropropene	50.1	2.0	ug/kg	50.0		100	70-130			
trans-1,3-Dichloropropene	50.9	2.0	ug/kg	50.0		102	65-135			

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Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08025 Extracted: 07/08/05										
LCS Analyzed: 07/08/2005 (5G08025-BS1)										
Ethylbenzene	52.4	2.0	ug/kg	50.0		105	70-125			
Hexachlorobutadiene	47.1	5.0	ug/kg	50.0		94	60-135			
Isopropylbenzene	51.8	2.0	ug/kg	50.0		104	70-125			
p-Isopropyltoluene	53.6	2.0	ug/kg	50.0		107	70-125			
Methylene chloride	51.3	20	ug/kg	50.0		103	60-130			
Naphthalene	47.7	5.0	ug/kg	50.0		95	50-140			
n-Propylbenzene	51.4	2.0	ug/kg	50.0		103	70-125			
Styrene	56.4	2.0	ug/kg	50.0		113	70-130			
1,1,1,2-Tetrachloroethane	51.9	5.0	ug/kg	50.0		104	70-135			
1,1,2,2-Tetrachloroethane	47.7	2.0	ug/kg	50.0		95	55-140			
Tetrachloroethene	53.7	2.0	ug/kg	50.0		107	65-125			
Toluene	51.3	2.0	ug/kg	50.0		103	70-125			
1,2,3-Trichlorobenzene	50.6	5.0	ug/kg	50.0		101	60-130			
1,2,4-Trichlorobenzene	52.5	5.0	ug/kg	50.0		105	65-135			
1,1,1-Trichloroethane	49.6	2.0	ug/kg	50.0		99	65-135			
1,1,2-Trichloroethane	48.3	2.0	ug/kg	50.0		97	65-130			
Trichloroethene	51.6	2.0	ug/kg	50.0		103	70-125			
Trichlorofluoromethane	47.1	5.0	ug/kg	50.0		94	60-140			
1,2,3-Trichloropropane	43.8	10	ug/kg	50.0		88	55-135			
1,2,4-Trimethylbenzene	51.1	2.0	ug/kg	50.0		102	70-125			
1,3,5-Trimethylbenzene	51.0	2.0	ug/kg	50.0		102	70-125			
Vinyl chloride	53.8	5.0	ug/kg	50.0		108	50-130			
o-Xylene	54.5	2.0	ug/kg	50.0		109	70-125			
m,p-Xylenes	110	2.0	ug/kg	100		110	70-125			
Di-isopropyl Ether (DIPE)	56.4	5.0	ug/kg	50.0		113	60-135			
Ethyl tert-Butyl Ether (ETBE)	51.2	5.0	ug/kg	50.0		102	60-135			
tert-Amyl Methyl Ether (TAME)	49.2	5.0	ug/kg	50.0		98	60-140			
Methyl-tert-butyl Ether (MTBE)	44.9	5.0	ug/kg	50.0		90	55-140			
tert-Butanol (TBA)	277	100	ug/kg	250		111	65-135			
Surrogate: Dibromofluoromethane	*52.8*		*ug/kg*	*50.0*		*106*	*80-125*			
Surrogate: Toluene-d8	*54.1*		*ug/kg*	*50.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*54.1*		*ug/kg*	*50.0*		*108*	*80-120*			

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Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08025 Extracted: 07/08/05										
Matrix Spike Analyzed: 07/08/2005 (5G08025-MS1)					**Source: IOG0068-01**					
Benzene	59.2	2.4	ug/kg	59.5	ND	99	65-130			
Bromobenzene	63.0	6.0	ug/kg	59.5	ND	106	70-135			
Bromochloromethane	64.7	6.0	ug/kg	59.5	ND	109	65-140			
Bromodichloromethane	57.2	2.4	ug/kg	59.5	ND	96	65-140			
Bromoform	52.8	6.0	ug/kg	59.5	ND	89	50-140			
Bromomethane	76.3	6.0	ug/kg	59.5	ND	128	55-150			
n-Butylbenzene	61.6	6.0	ug/kg	59.5	ND	104	55-140			
sec-Butylbenzene	61.4	6.0	ug/kg	59.5	ND	103	65-130			
tert-Butylbenzene	62.9	6.0	ug/kg	59.5	ND	106	65-135			
Carbon tetrachloride	60.1	6.0	ug/kg	59.5	ND	101	65-140			
Chlorobenzene	63.2	2.4	ug/kg	59.5	ND	106	70-125			
Chloroethane	76.8	6.0	ug/kg	59.5	ND	129	55-145			
Chloroform	61.2	2.4	ug/kg	59.5	ND	103	65-130			
Chloromethane	63.9	6.0	ug/kg	59.5	ND	107	35-140			
2-Chlorotoluene	60.8	6.0	ug/kg	59.5	ND	102	65-130			
4-Chlorotoluene	61.9	6.0	ug/kg	59.5	ND	104	70-130			
Dibromochloromethane	59.8	2.4	ug/kg	59.5	ND	101	65-140			
1,2-Dibromo-3-chloropropane	57.2	6.0	ug/kg	59.5	ND	96	45-145			
1,2-Dibromoethane (EDB)	59.4	2.4	ug/kg	59.5	ND	100	65-135			
Dibromomethane	61.5	2.4	ug/kg	59.5	ND	103	65-135			
1,2-Dichlorobenzene	65.1	2.4	ug/kg	59.5	ND	109	70-130			
1,3-Dichlorobenzene	63.8	2.4	ug/kg	59.5	ND	107	70-125			
1,4-Dichlorobenzene	64.0	2.4	ug/kg	59.5	ND	108	70-125			
Dichlorodifluoromethane	59.4	6.0	ug/kg	59.5	ND	100	25-155			
1,1-Dichloroethane	63.5	2.4	ug/kg	59.5	ND	107	65-130			
1,2-Dichloroethane	59.3	2.4	ug/kg	59.5	ND	100	60-145			
1,1-Dichloroethene	58.4	6.0	ug/kg	59.5	ND	98	65-135			
cis-1,2-Dichloroethene	59.5	2.4	ug/kg	59.5	ND	100	65-130			
trans-1,2-Dichloroethene	60.1	2.4	ug/kg	59.5	ND	101	65-135			
1,2-Dichloropropane	62.9	2.4	ug/kg	59.5	ND	106	65-125			
1,3-Dichloropropane	57.7	2.4	ug/kg	59.5	ND	97	65-135			
2,2-Dichloropropane	68.5	2.4	ug/kg	59.5	ND	115	60-145			
1,1-Dichloropropene	57.2	2.4	ug/kg	59.5	ND	96	65-135			
cis-1,3-Dichloropropene	60.8	2.4	ug/kg	59.5	ND	102	70-130			
trans-1,3-Dichloropropene	61.4	2.4	ug/kg	59.5	ND	103	65-140			

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Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08025 Extracted: 07/08/05										
Matrix Spike Analyzed: 07/08/2005 (5G08025-MS1)					**Source: IOG0068-01**					
Ethylbenzene	61.0	2.4	ug/kg	59.5	ND	103	70-130			
Hexachlorobutadiene	53.0	6.0	ug/kg	59.5	ND	89	55-140			
Isopropylbenzene	62.0	2.4	ug/kg	59.5	ND	104	65-140			
p-Isopropyltoluene	62.6	2.4	ug/kg	59.5	ND	105	60-135			
Methylene chloride	64.4	24	ug/kg	59.5	ND	108	60-140			
Naphthalene	56.8	6.0	ug/kg	59.5	ND	95	40-155			
n-Propylbenzene	61.2	2.4	ug/kg	59.5	ND	103	65-140			
Styrene	67.1	2.4	ug/kg	59.5	ND	113	70-140			
1,1,1,2-Tetrachloroethane	62.1	6.0	ug/kg	59.5	ND	104	70-140			
1,1,2,2-Tetrachloroethane	57.5	2.4	ug/kg	59.5	ND	97	45-155			
Tetrachloroethene	62.1	2.4	ug/kg	59.5	ND	104	65-135			
Toluene	61.0	2.4	ug/kg	59.5	ND	103	70-125			
1,2,3-Trichlorobenzene	60.0	6.0	ug/kg	59.5	ND	101	50-140			
1,2,4-Trichlorobenzene	62.7	6.0	ug/kg	59.5	ND	105	55-135			
1,1,1-Trichloroethane	60.5	2.4	ug/kg	59.5	ND	102	65-140			
1,1,2-Trichloroethane	58.6	2.4	ug/kg	59.5	ND	98	65-135			
Trichloroethene	62.1	2.4	ug/kg	59.5	ND	104	70-135			
Trichlorofluoromethane	56.4	6.0	ug/kg	59.5	ND	95	50-150			
1,2,3-Trichloropropane	54.4	12	ug/kg	59.5	ND	91	55-145			
1,2,4-Trimethylbenzene	60.4	2.4	ug/kg	59.5	ND	102	65-135			
1,3,5-Trimethylbenzene	60.7	2.4	ug/kg	59.5	ND	102	70-130			
Vinyl chloride	66.5	6.0	ug/kg	59.5	ND	112	50-135			
o-Xylene	63.9	2.4	ug/kg	59.5	ND	107	70-125			
m,p-Xylenes	128	2.4	ug/kg	119	ND	108	70-125			
Di-isopropyl Ether (DIPE)	69.7	6.0	ug/kg	59.5	ND	117	60-145			
Ethyl tert-Butyl Ether (ETBE)	63.0	6.0	ug/kg	59.5	ND	106	60-140			
tert-Amyl Methyl Ether (TAME)	61.0	6.0	ug/kg	59.5	ND	103	60-145			
Methyl-tert-butyl Ether (MTBE)	55.8	6.0	ug/kg	59.5	ND	94	55-150			
tert-Butanol (TBA)	330	120	ug/kg	298	ND	111	65-140			
Surrogate: Dibromofluoromethane	*64.6*		*ug/kg*	*59.5*		*109*	*80-125*			
Surrogate: Toluene-d8	*64.1*		*ug/kg*	*59.5*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*63.8*		*ug/kg*	*59.5*		*107*	*80-120*			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08025 Extracted: 07/08/05										
Matrix Spike Dup Analyzed: 07/08/2005 (5G08025-MSD1)					**Source: IOG0068-01**					
Benzene	59.0	2.4	ug/kg	60.2	ND	98	65-130	0	20	
Bromobenzene	60.9	6.0	ug/kg	60.2	ND	101	70-135	3	25	
Bromochloromethane	55.9	6.0	ug/kg	60.2	ND	93	65-140	15	25	
Bromodichloromethane	51.9	2.4	ug/kg	60.2	ND	86	65-140	10	20	
Bromoform	38.1	6.0	ug/kg	60.2	ND	63	50-140	32	30	*R*
Bromomethane	80.5	6.0	ug/kg	60.2	ND	134	55-150	5	25	
n-Butylbenzene	63.8	6.0	ug/kg	60.2	ND	106	55-140	4	30	
sec-Butylbenzene	64.8	6.0	ug/kg	60.2	ND	108	65-130	5	25	
tert-Butylbenzene	67.0	6.0	ug/kg	60.2	ND	111	65-135	6	25	
Carbon tetrachloride	58.7	6.0	ug/kg	60.2	ND	98	65-140	2	25	
Chlorobenzene	63.0	2.4	ug/kg	60.2	ND	105	70-125	0	25	
Chloroethane	79.0	6.0	ug/kg	60.2	ND	131	55-145	3	25	
Chloroform	62.3	2.4	ug/kg	60.2	ND	103	65-130	2	20	
Chloromethane	63.6	6.0	ug/kg	60.2	ND	106	35-140	1	25	
2-Chlorotoluene	63.5	6.0	ug/kg	60.2	ND	105	65-130	4	25	
4-Chlorotoluene	64.3	6.0	ug/kg	60.2	ND	107	70-130	4	25	
Dibromochloromethane	48.6	2.4	ug/kg	60.2	ND	81	65-140	21	25	
1,2-Dibromo-3-chloropropane	39.4	6.0	ug/kg	60.2	ND	65	45-145	37	30	*R*
1,2-Dibromoethane (EDB)	43.0	2.4	ug/kg	60.2	ND	71	65-135	32	25	*R*
Dibromomethane	46.2	2.4	ug/kg	60.2	ND	77	65-135	28	25	*R*
1,2-Dichlorobenzene	62.0	2.4	ug/kg	60.2	ND	103	70-130	5	25	
1,3-Dichlorobenzene	64.5	2.4	ug/kg	60.2	ND	107	70-125	1	25	
1,4-Dichlorobenzene	63.9	2.4	ug/kg	60.2	ND	106	70-125	0	25	
Dichlorodifluoromethane	59.4	6.0	ug/kg	60.2	ND	99	25-155	0	35	
1,1-Dichloroethane	64.7	2.4	ug/kg	60.2	ND	107	65-130	2	25	
1,2-Dichloroethane	48.3	2.4	ug/kg	60.2	ND	80	60-145	20	25	
1,1-Dichloroethene	55.5	6.0	ug/kg	60.2	ND	92	65-135	5	25	
cis-1,2-Dichloroethene	59.5	2.4	ug/kg	60.2	ND	99	65-130	0	25	
trans-1,2-Dichloroethene	60.8	2.4	ug/kg	60.2	ND	101	65-135	1	25	
1,2-Dichloropropane	60.0	2.4	ug/kg	60.2	ND	100	65-125	5	20	
1,3-Dichloropropane	46.0	2.4	ug/kg	60.2	ND	76	65-135	23	25	
2,2-Dichloropropane	84.5	2.4	ug/kg	60.2	ND	140	60-145	21	25	
1,1-Dichloropropene	55.8	2.4	ug/kg	60.2	ND	93	65-135	2	20	
cis-1,3-Dichloropropene	53.3	2.4	ug/kg	60.2	ND	89	70-130	13	25	
trans-1,3-Dichloropropene	48.6	2.4	ug/kg	60.2	ND	81	65-140	23	25	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G08025 Extracted: 07/08/05										
Matrix Spike Dup Analyzed: 07/08/2005 (5G08025-MSD1)					**Source: IOG0068-01**					
Ethylbenzene	62.4	2.4	ug/kg	60.2	ND	104	70-130	2	25	
Hexachlorobutadiene	55.1	6.0	ug/kg	60.2	ND	92	55-140	4	35	
Isopropylbenzene	65.6	2.4	ug/kg	60.2	ND	109	65-140	6	25	
p-Isopropyltoluene	66.0	2.4	ug/kg	60.2	ND	110	60-135	5	25	
Methylene chloride	61.2	24	ug/kg	60.2	ND	102	60-140	5	25	
Naphthalene	37.9	6.0	ug/kg	60.2	ND	63	40-155	40	40	
n-Propylbenzene	63.9	2.4	ug/kg	60.2	ND	106	65-140	4	25	
Styrene	64.5	2.4	ug/kg	60.2	ND	107	70-140	4	25	
1,1,1,2-Tetrachloroethane	60.1	6.0	ug/kg	60.2	ND	100	70-140	3	20	
1,1,2,2-Tetrachloroethane	42.0	2.4	ug/kg	60.2	ND	70	45-155	31	30	*R*
Tetrachloroethene	61.6	2.4	ug/kg	60.2	ND	102	65-135	1	25	
Toluene	60.6	2.4	ug/kg	60.2	ND	101	70-125	1	20	
1,2,3-Trichlorobenzene	46.7	6.0	ug/kg	60.2	ND	78	50-140	25	30	
1,2,4-Trichlorobenzene	54.3	6.0	ug/kg	60.2	ND	90	55-135	14	30	
1,1,1-Trichloroethane	63.4	2.4	ug/kg	60.2	ND	105	65-140	5	20	
1,1,2-Trichloroethane	44.3	2.4	ug/kg	60.2	ND	74	65-135	28	30	
Trichloroethene	62.4	2.4	ug/kg	60.2	ND	104	70-135	1	25	
Trichlorofluoromethane	57.2	6.0	ug/kg	60.2	ND	95	50-150	1	25	
1,2,3-Trichloropropane	38.4	12	ug/kg	60.2	ND	64	55-145	34	30	*R*
1,2,4-Trimethylbenzene	64.4	2.4	ug/kg	60.2	ND	107	65-135	6	25	
1,3,5-Trimethylbenzene	64.6	2.4	ug/kg	60.2	ND	107	70-130	6	25	
Vinyl chloride	73.4	6.0	ug/kg	60.2	ND	122	50-135	10	30	
o-Xylene	64.7	2.4	ug/kg	60.2	ND	107	70-125	1	25	
m,p-Xylenes	129	2.4	ug/kg	120	ND	108	70-125	1	25	
Di-isopropyl Ether (DIPE)	68.0	6.0	ug/kg	60.2	ND	113	60-145	2	25	
Ethyl tert-Butyl Ether (ETBE)	56.9	6.0	ug/kg	60.2	ND	95	60-140	10	30	
tert-Amyl Methyl Ether (TAME)	51.1	6.0	ug/kg	60.2	ND	85	60-145	18	25	
Methyl-tert-butyl Ether (MTBE)	44.4	6.0	ug/kg	60.2	ND	74	55-150	23	35	
tert-Butanol (TBA)	360	120	ug/kg	301	ND	120	65-140	9	30	
Surrogate: Dibromofluoromethane	*63.6*		*ug/kg*	*60.2*		*106*	*80-125*			
Surrogate: Toluene-d8	*64.7*		*ug/kg*	*60.2*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*61.3*		*ug/kg*	*60.2*		*102*	*80-120*			

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG0176

Sampled: 07/05/05
Received: 07/05/05

DATA QUALIFIERS AND DEFINITIONS

A-01	Matrix interference confirmed by re-analysis on GCMS #32, 7/11/05.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-7	LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Sampled: 07/05/05
Received: 07/05/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015 MOD.	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

IOG0176

SAMPLE COLLECTOR:	PROJECT NO.:	SECTION NO.:	DATE:	SAMPLER'S INITIALS:	SERIAL NO.:
LFR LEVINE•FRICKE 3150 Bristol Street, Suite 250 Costa Mesa, California 92626 (714) 444-0111, Fax (714) 444-0117	002-10311.00	300	7-5-05	BTW	03274
	PROJECT NAME: AMERON		SAMPLER (Signature): Brian T. White		

SAMPLE / ANALYSES

#274

4 { 1 4oz jar, 3 Encores

	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260) 5035	BTEX / MTBE (8260)	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)	Standard 5DAY	RUSH:	HOLD	REMARKS
1	FAB-UST-EX-WW-3-6'	7-5-05	0750		4	X				X	X						X			QUESTIONS,
2	FAB-UST-EX-NW-6'		0820		4	X				X	X						X			COMMENTS,
3	FAB-UST-BOT-5-10'		0840		4	X				X	X						X			RESULTS TO
4	MS-EX-WW-5'		10:15		1	X				X							X			MELLISA SCHUETZ
5	MS-EX-SW-4'		10:20		1	X				X							X			@LFR
6	MS-EX-EW-4'		10:25		1	X				X							X			
7	MS-EX-BOT-6'		10:35		1	X				X							X			
8	MS-EX-NW-4'		10:40		1	X				X							X			
9	AST-W-EX-NW-2'		11:50		4	X				X	X						X			
10	AST-W-EX-EW-2'		11:55		4	X				X	X						X			
11	AST-W-EX-SW-2'		12:00		4	X				X	X						X			
12	AST-W-EX-WW-2'		12:05		4	X				X	X						X			
13	AST-W-EX-BOT-5'		12:10		4	X				X	X						X			
14	DUP-1-070505		—		4	X				X	X						X			
15																				

SAMPLE RECEIPT:	Cooler Temp:	METHOD OF SHIPMENT:	RELINQUISHED BY: 1	RELINQUISHED BY: 2	RELINQUISHED BY: 3
☐ Intact ☐ Cold ☒ On Ice ☐ Ambient	Cooler No:	Courier	Brian T. White 7-5-05	B. HERMANSADER	
		LAB REPORT NO.:	(SIGNATURE) (DATE)	(SIGNATURE) (DATE)	(SIGNATURE) (DATE)
Preservative Correct? ☐ Yes ☐ No ☐ N/A		FAX COC CONFIRMATION TO:	(PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
		M. SCHUETZ	LFR	DMAI 1650	
			(COMPANY)	(COMPANY)	(COMPANY)
ANALYTICAL LABORATORY:		FAX RESULTS TO:	RECEIVED BY: 1	RECEIVED BY: 2	RECEIVED BY (LABORATORY): 3
DEL MAR		SEND HARDCOPY TO:	B. HERMANSADER	Vu Bank	
			(SIGNATURE) (DATE)	(SIGNATURE) (DATE)	(SIGNATURE) (DATE)
		SEND EDD TO:	(PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
			DMAI 7/5/05	7-5-05	
			(COMPANY) 1345	(COMPANY) 1650	(LABORATORY)
				Intact 6°	

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO: 2001/COC/TWT

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LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: 002-10311.00

Sampled: 07/01/05
Received: 07/01/05
Issued: 07/12/05 11:24

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IOG0052-01	SBEX-EW-2-6'	Soil
IOG0052-02	SBEX-SW-2-6'	Soil
IOG0052-03	FAB-UST-EX-SW-6'	Soil
IOG0052-04	FAB-UST-EX-BOT-2-8'	Soil
IOG0052-05	FAB-UST-EX-WW-6'	Soil
IOG0052-06	FAB-UST-EX-BOT-1-8'	Soil
IOG0052-07	FAB-UST-EX-EW-6'	Soil
IOG0052-08	FAB-UST-EX-BOT-3-8'	Soil
IOG0052-09	FAB-UST-EX-BOT-4-11'	Soil
IOG0052-10	DUP-1-070105	Soil
IOG0052-11	FAB-UST-EX-EW-2-6'	Soil
IOG0052-12	FAB-UST-EX-WW-2-6'	Soil

Reviewed By:

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

Del Mar Analytical

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-03 (FAB-UST-EX-SW-6' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	20	ND	1.05	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-03 (FAB-UST-EX-SW-6' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	10	ND	1.05	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	2.0	ND	1.05	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	5.0	ND	1.05	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	100	ND	1.05	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				

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3150 Bristol Street, Suite 250
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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-04 (FAB-UST-EX-BOT-2-8' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	20	ND	1.07	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-04 (FAB-UST-EX-BOT-2-8' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	10	ND	1.07	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	100	ND	1.07	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-05 (FAB-UST-EX-WW-6' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	20	ND	1.1	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-05 (FAB-UST-EX-WW-6' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	10	ND	1.1	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	2.0	ND	1.1	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	5.0	ND	1.1	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	100	ND	1.1	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-06 (FAB-UST-EX-BOT-1-8' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	20	ND	1.03	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-06 (FAB-UST-EX-BOT-1-8' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	10	ND	1.03	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	2.0	ND	1.03	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	5.0	ND	1.03	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	100	ND	1.03	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*109 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*107 %*				

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Wendy Kirkeeng For Patty Mata
Project Manager

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-07 (FAB-UST-EX-EW-6' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	20	ND	1.06	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-07 (FAB-UST-EX-EW-6' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	10	ND	1.06	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	100	ND	1.06	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*96 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-08 (FAB-UST-EX-BOT-3-8' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	20	ND	1.06	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	

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3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-08 (FAB-UST-EX-BOT-3-8' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	10	ND	1.06	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	2.0	ND	1.06	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	5.0	ND	1.06	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	100	ND	1.06	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-09 (FAB-UST-EX-BOT-4-11' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	20	ND	1.07	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-09 (FAB-UST-EX-BOT-4-11' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	10	ND	1.07	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	2.0	ND	1.07	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	5.0	ND	1.07	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	100	ND	1.07	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*109 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				

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Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-10 (DUP-1-070105 - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	20	ND	1.11	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-10 (DUP-1-070105 - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	10	ND	1.11	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	2.0	ND	1.11	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	5.0	ND	1.11	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	100	ND	1.11	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-11 (FAB-UST-EX-EW-2-6' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Bromobenzene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Bromochloromethane	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Bromodichloromethane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Bromoform	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Bromomethane	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
n-Butylbenzene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
sec-Butylbenzene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
tert-Butylbenzene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Carbon tetrachloride	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	C
Chlorobenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Chloroethane	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Chloroform	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Chloromethane	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
2-Chlorotoluene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
4-Chlorotoluene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Dibromochloromethane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Dibromomethane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,2-Dichlorobenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,3-Dichlorobenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,4-Dichlorobenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Dichlorodifluoromethane	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
1,1-Dichloroethane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,2-Dichloroethane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,1-Dichloroethene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,2-Dichloropropane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,3-Dichloropropane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
2,2-Dichloropropane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,1-Dichloropropene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Ethylbenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Hexachlorobutadiene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Isopropylbenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
p-Isopropyltoluene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Methylene chloride	EPA 8260B	5G05020	16	ND	0.817	7/5/2005	7/5/2005	
Naphthalene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-11 (FAB-UST-EX-EW-2-6' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Styrene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Tetrachloroethene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Toluene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
1,1,1-Trichloroethane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,1,2-Trichloroethane	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Trichloroethene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Trichlorofluoromethane	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
1,2,3-Trichloropropane	EPA 8260B	5G05020	8.2	ND	0.817	7/5/2005	7/5/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Vinyl chloride	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
o-Xylene	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
m,p-Xylenes	EPA 8260B	5G05020	1.6	ND	0.817	7/5/2005	7/5/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G05020	4.1	ND	0.817	7/5/2005	7/5/2005	
tert-Butanol (TBA)	EPA 8260B	5G05020	82	ND	0.817	7/5/2005	7/5/2005	
Surrogate: Dibromofluoromethane (80-125%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*107 %*				

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-12 (FAB-UST-EX-WW-2-6' - Soil)				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Bromobenzene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
Bromochloromethane	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
Bromodichloromethane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Bromoform	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
Bromomethane	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
n-Butylbenzene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
sec-Butylbenzene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
tert-Butylbenzene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
Carbon tetrachloride	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
Chlorobenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Chloroethane	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
Chloroform	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Chloromethane	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
2-Chlorotoluene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
4-Chlorotoluene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
Dibromochloromethane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
1,2-Dibromoethane (EDB)	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Dibromomethane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,2-Dichlorobenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	I
1,3-Dichlorobenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	I
1,4-Dichlorobenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	I
Dichlorodifluoromethane	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
1,1-Dichloroethane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,2-Dichloroethane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,1-Dichloroethene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,2-Dichloropropane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,3-Dichloropropane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
2,2-Dichloropropane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,1-Dichloropropene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Ethylbenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Hexachlorobutadiene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
Isopropylbenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	I
p-Isopropyltoluene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	I
Methylene chloride	EPA 8260B	5G06028	20	ND	1.03	7/6/2005	7/6/2005	
Naphthalene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-12 (FAB-UST-EX-WW-2-6' - Soil) - cont.				**Sampled: 07/01/05**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	I
Styrene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Tetrachloroethene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Toluene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
1,2,4-Trichlorobenzene	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	I
1,1,1-Trichloroethane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
1,1,2-Trichloroethane	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Trichloroethene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Trichlorofluoromethane	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
1,2,3-Trichloropropane	EPA 8260B	5G06028	10	ND	1.03	7/6/2005	7/6/2005	I
1,2,4-Trimethylbenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	I
1,3,5-Trimethylbenzene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	I
Vinyl chloride	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
o-Xylene	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
m,p-Xylenes	EPA 8260B	5G06028	2.0	ND	1.03	7/6/2005	7/6/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G06028	5.0	ND	1.03	7/6/2005	7/6/2005	
tert-Butanol (TBA)	EPA 8260B	5G06028	100	ND	1.03	7/6/2005	7/6/2005	
Surrogate: Dibromofluoromethane (80-125%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*86 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*60 %*				Z

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LFR Levine Fricke
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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-01 (SBEX-EW-2-6' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	**7.9**	0.998	100	7/6/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*64 %*					
Sample ID: IOG0052-02 (SBEX-SW-2-6' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*65 %*					

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-03 (FAB-UST-EX-SW-6' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/6/2005	
Surrogate: n-Octacosane (40-130%)				*65 %*					
Sample ID: IOG0052-04 (FAB-UST-EX-BOT-2-8' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
Surrogate: n-Octacosane (40-130%)				*70 %*					

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-05 (FAB-UST-EX-WW-6' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*70 %*					
Sample ID: IOG0052-06 (FAB-UST-EX-BOT-1-8' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*68 %*					

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LFR Levine Fricke
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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-07 (FAB-UST-EX-EW-6' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.999	N/A	7/6/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*70 %*					
Sample ID: IOG0052-08 (FAB-UST-EX-BOT-3-8' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*73 %*					

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-09 (FAB-UST-EX-BOT-4-11' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*67 %*					
Sample ID: IOG0052-10 (DUP-1-070105 - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/7/2005	
Surrogate: n-Octacosane (40-130%)				*71 %*					

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Wendy Kirkeeng For Patty Mata
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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG0052-11 (FAB-UST-EX-EW-2-6' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	5.0	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	1.8	ND	0.998	N/A	7/6/2005	7/6/2005	
Surrogate: n-Octacosane (40-130%)				*61 %*					
Sample ID: IOG0052-12 (FAB-UST-EX-WW-2-6' - Soil)					**Sampled: 07/01/05**				
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G06048	10	**300**	2	100	7/6/2005	7/6/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G06048	3.6	ND	2	N/A	7/6/2005	7/6/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G06048	3.6	ND	2	N/A	7/6/2005	7/6/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G06048	3.6	ND	2	N/A	7/6/2005	7/6/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G06048	3.6	**4.2**	2	1	7/6/2005	7/6/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G06048	3.6	**8.0**	2	3	7/6/2005	7/6/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G06048	3.6	**14**	2	5	7/6/2005	7/6/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G06048	3.6	**21**	2	7	7/6/2005	7/6/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G06048	3.6	**34**	2	11	7/6/2005	7/6/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G06048	3.6	**44**	2	15	7/6/2005	7/6/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G06048	3.6	**48**	2	16	7/6/2005	7/6/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G06048	3.6	**53**	2	18	7/6/2005	7/6/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G06048	3.6	**38**	2	13	7/6/2005	7/6/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G06048	3.6	**26**	2	9	7/6/2005	7/6/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G06048	3.6	**7.0**	2	2	7/6/2005	7/6/2005	
Surrogate: n-Octacosane (40-130%)				*111 %*					

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Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06048 Extracted: 07/06/05										
Blank Analyzed: 07/06/2005 (5G06048-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*5.57*		*mg/kg*	*6.67*		*84*	*40-130*			
LCS Analyzed: 07/06/2005 (5G06048-BS1)										
EFH (C8 - C40)	23.8	5.0	mg/kg	33.3		71	40-120			
Surrogate: n-Octacosane	*4.95*		*mg/kg*	*6.67*		*74*	*40-130*			
Matrix Spike Analyzed: 07/06/2005 (5G06048-MS1)					**Source: IOG0052-03**					
EFH (C8 - C40)	21.0	5.0	mg/kg	33.3	ND	63	30-125			
Surrogate: n-Octacosane	*4.38*		*mg/kg*	*6.67*		*66*	*40-130*			
Matrix Spike Dup Analyzed: 07/06/2005 (5G06048-MSD1)					**Source: IOG0052-03**					
EFH (C8 - C40)	27.3	5.0	mg/kg	33.3	ND	82	30-125	26	30	
Surrogate: n-Octacosane	*5.47*		*mg/kg*	*6.65*		*82*	*40-130*			

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Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G05020 Extracted: 07/05/05										
Blank Analyzed: 07/05/2005 (5G05020-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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LFR Levine Fricke
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Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G05020 Extracted: 07/05/05										
Blank Analyzed: 07/05/2005 (5G05020-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*50.5*		*ug/kg*	*50.0*		*101*	*80-125*			
Surrogate: Toluene-d8	*52.8*		*ug/kg*	*50.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.4*		*ug/kg*	*50.0*		*105*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G05020 Extracted: 07/05/05										
LCS Analyzed: 07/05/2005 (5G05020-BS1)										
Benzene	47.8	2.0	ug/kg	50.0		96	65-120			
Bromobenzene	48.6	5.0	ug/kg	50.0		97	70-120			
Bromochloromethane	44.0	5.0	ug/kg	50.0		88	65-130			
Bromodichloromethane	61.5	2.0	ug/kg	50.0		123	65-135			
Bromoform	52.9	5.0	ug/kg	50.0		106	50-135			
Bromomethane	49.2	5.0	ug/kg	50.0		98	60-145			
n-Butylbenzene	49.7	5.0	ug/kg	50.0		99	70-125			
sec-Butylbenzene	48.3	5.0	ug/kg	50.0		97	70-125			
tert-Butylbenzene	53.1	5.0	ug/kg	50.0		106	70-125			
Carbon tetrachloride	69.9	5.0	ug/kg	50.0		140	65-140			
Chlorobenzene	49.0	2.0	ug/kg	50.0		98	70-125			
Chloroethane	43.8	5.0	ug/kg	50.0		88	55-140			
Chloroform	54.7	2.0	ug/kg	50.0		109	65-130			
Chloromethane	34.6	5.0	ug/kg	50.0		69	40-140			
2-Chlorotoluene	51.8	5.0	ug/kg	50.0		104	70-125			
4-Chlorotoluene	52.8	5.0	ug/kg	50.0		106	70-125			
Dibromochloromethane	63.1	2.0	ug/kg	50.0		126	65-140			
1,2-Dibromo-3-chloropropane	53.9	5.0	ug/kg	50.0		108	45-140			
1,2-Dibromoethane (EDB)	53.3	2.0	ug/kg	50.0		107	70-130			
Dibromomethane	58.1	2.0	ug/kg	50.0		116	65-130			
1,2-Dichlorobenzene	49.4	2.0	ug/kg	50.0		99	70-120			
1,3-Dichlorobenzene	48.8	2.0	ug/kg	50.0		98	70-125			
1,4-Dichlorobenzene	48.1	2.0	ug/kg	50.0		96	70-125			
Dichlorodifluoromethane	59.9	5.0	ug/kg	50.0		120	25-155			
1,1-Dichloroethane	45.6	2.0	ug/kg	50.0		91	65-130			
1,2-Dichloroethane	62.6	2.0	ug/kg	50.0		125	60-140			
1,1-Dichloroethene	47.2	5.0	ug/kg	50.0		94	70-130			
cis-1,2-Dichloroethene	44.0	2.0	ug/kg	50.0		88	65-125			
trans-1,2-Dichloroethene	46.8	2.0	ug/kg	50.0		94	65-130			
1,2-Dichloropropane	42.4	2.0	ug/kg	50.0		85	65-125			
1,3-Dichloropropane	50.5	2.0	ug/kg	50.0		101	65-125			
2,2-Dichloropropane	53.2	2.0	ug/kg	50.0		106	60-145			
1,1-Dichloropropene	55.3	2.0	ug/kg	50.0		111	70-130			
cis-1,3-Dichloropropene	55.0	2.0	ug/kg	50.0		110	70-130			
trans-1,3-Dichloropropene	61.5	2.0	ug/kg	50.0		123	65-135			

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Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G05020 Extracted: 07/05/05										
LCS Analyzed: 07/05/2005 (5G05020-BS1)										
Ethylbenzene	55.7	2.0	ug/kg	50.0		111	70-125			
Hexachlorobutadiene	50.8	5.0	ug/kg	50.0		102	60-135			
Isopropylbenzene	52.1	2.0	ug/kg	50.0		104	70-125			
p-Isopropyltoluene	48.5	2.0	ug/kg	50.0		97	70-125			
Methylene chloride	42.4	20	ug/kg	50.0		85	60-130			
Naphthalene	40.7	5.0	ug/kg	50.0		81	50-140			
n-Propylbenzene	52.4	2.0	ug/kg	50.0		105	70-125			
Styrene	51.8	2.0	ug/kg	50.0		104	70-130			
1,1,1,2-Tetrachloroethane	59.4	5.0	ug/kg	50.0		119	70-135			
1,1,2,2-Tetrachloroethane	48.3	2.0	ug/kg	50.0		97	55-140			
Tetrachloroethene	54.3	2.0	ug/kg	50.0		109	65-125			
Toluene	51.3	2.0	ug/kg	50.0		103	70-125			
1,2,3-Trichlorobenzene	40.9	5.0	ug/kg	50.0		82	60-130			
1,2,4-Trichlorobenzene	43.8	5.0	ug/kg	50.0		88	65-135			
1,1,1-Trichloroethane	61.5	2.0	ug/kg	50.0		123	65-135			
1,1,2-Trichloroethane	49.1	2.0	ug/kg	50.0		98	65-130			
Trichloroethene	49.3	2.0	ug/kg	50.0		99	70-125			
Trichlorofluoromethane	61.8	5.0	ug/kg	50.0		124	60-140			
1,2,3-Trichloropropane	47.1	10	ug/kg	50.0		94	55-135			
1,2,4-Trimethylbenzene	51.5	2.0	ug/kg	50.0		103	70-125			
1,3,5-Trimethylbenzene	51.5	2.0	ug/kg	50.0		103	70-125			
Vinyl chloride	43.9	5.0	ug/kg	50.0		88	50-130			
o-Xylene	50.1	2.0	ug/kg	50.0		100	70-125			
m,p-Xylenes	101	2.0	ug/kg	100		101	70-125			
Di-isopropyl Ether (DIPE)	35.1	5.0	ug/kg	50.0		70	60-135			
Ethyl tert-Butyl Ether (ETBE)	43.9	5.0	ug/kg	50.0		88	60-135			
tert-Amyl Methyl Ether (TAME)	48.3	5.0	ug/kg	50.0		97	60-140			
Methyl-tert-butyl Ether (MTBE)	51.5	5.0	ug/kg	50.0		103	55-140			
tert-Butanol (TBA)	256	100	ug/kg	250		102	65-135			
Surrogate: Dibromofluoromethane	*53.1*		*ug/kg*	*50.0*		*106*	*80-125*			
Surrogate: Toluene-d8	*53.8*		*ug/kg*	*50.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*57.8*		*ug/kg*	*50.0*		*116*	*80-120*			

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G05020 Extracted: 07/05/05										
Matrix Spike Analyzed: 07/05/2005 (5G05020-MS1)					**Source: IOF2062-50**					
Benzene	59.4	2.4	ug/kg	61.1	ND	97	65-130			
Bromobenzene	64.9	6.1	ug/kg	61.1	ND	106	70-135			
Bromochloromethane	55.8	6.1	ug/kg	61.1	ND	91	65-140			
Bromodichloromethane	74.0	2.4	ug/kg	61.1	ND	121	65-140			
Bromoform	61.3	6.1	ug/kg	61.1	ND	100	50-140			
Bromomethane	63.5	6.1	ug/kg	61.1	ND	104	55-150			
n-Butylbenzene	56.6	6.1	ug/kg	61.1	ND	93	55-140			
sec-Butylbenzene	58.4	6.1	ug/kg	61.1	ND	96	65-130			
tert-Butylbenzene	65.4	6.1	ug/kg	61.1	ND	107	65-135			
Carbon tetrachloride	85.8	6.1	ug/kg	61.1	ND	140	65-140			
Chlorobenzene	61.7	2.4	ug/kg	61.1	ND	101	70-125			
Chloroethane	56.6	6.1	ug/kg	61.1	ND	93	55-145			
Chloroform	69.0	2.4	ug/kg	61.1	ND	113	65-130			
Chloromethane	43.2	6.1	ug/kg	61.1	ND	71	35-140			
2-Chlorotoluene	67.1	6.1	ug/kg	61.1	ND	110	65-130			
4-Chlorotoluene	67.5	6.1	ug/kg	61.1	ND	110	70-130			
Dibromochloromethane	74.1	2.4	ug/kg	61.1	ND	121	65-140			
1,2-Dibromo-3-chloropropane	56.3	6.1	ug/kg	61.1	ND	92	45-145			
1,2-Dibromoethane (EDB)	62.3	2.4	ug/kg	61.1	ND	102	65-135			
Dibromomethane	71.5	2.4	ug/kg	61.1	ND	117	65-135			
1,2-Dichlorobenzene	60.0	2.4	ug/kg	61.1	ND	98	70-130			
1,3-Dichlorobenzene	60.1	2.4	ug/kg	61.1	ND	98	70-125			
1,4-Dichlorobenzene	59.3	2.4	ug/kg	61.1	ND	97	70-125			
Dichlorodifluoromethane	75.0	6.1	ug/kg	61.1	ND	123	25-155			
1,1-Dichloroethane	58.0	2.4	ug/kg	61.1	ND	95	65-130			
1,2-Dichloroethane	76.4	2.4	ug/kg	61.1	ND	125	60-145			
1,1-Dichloroethene	59.8	6.1	ug/kg	61.1	ND	98	65-135			
cis-1,2-Dichloroethene	56.2	2.4	ug/kg	61.1	ND	92	65-130			
trans-1,2-Dichloroethene	58.3	2.4	ug/kg	61.1	ND	95	65-135			
1,2-Dichloropropane	54.0	2.4	ug/kg	61.1	ND	88	65-125			
1,3-Dichloropropane	62.1	2.4	ug/kg	61.1	ND	102	65-135			
2,2-Dichloropropane	66.1	2.4	ug/kg	61.1	ND	108	60-145			
1,1-Dichloropropene	66.7	2.4	ug/kg	61.1	ND	109	65-135			
cis-1,3-Dichloropropene	65.8	2.4	ug/kg	61.1	ND	108	70-130			
trans-1,3-Dichloropropene	72.8	2.4	ug/kg	61.1	ND	119	65-140			

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G05020 Extracted: 07/05/05										
Matrix Spike Analyzed: 07/05/2005 (5G05020-MS1)					**Source: IOF2062-50**					
Ethylbenzene	69.1	2.4	ug/kg	61.1	ND	113	70-130			
Hexachlorobutadiene	43.0	6.1	ug/kg	61.1	ND	70	55-140			
Isopropylbenzene	67.4	2.4	ug/kg	61.1	ND	110	65-140			
p-Isopropyltoluene	58.9	2.4	ug/kg	61.1	ND	96	60-135			
Methylene chloride	53.0	24	ug/kg	61.1	ND	87	60-140			
Naphthalene	42.1	6.1	ug/kg	61.1	ND	69	40-155			
n-Propylbenzene	67.3	2.4	ug/kg	61.1	ND	110	65-140			
Styrene	63.4	2.4	ug/kg	61.1	ND	104	70-140			
1,1,1,2-Tetrachloroethane	72.9	6.1	ug/kg	61.1	ND	119	70-140			
1,1,2,2-Tetrachloroethane	56.5	2.4	ug/kg	61.1	ND	92	45-155			
Tetrachloroethene	64.9	2.4	ug/kg	61.1	ND	106	65-135			
Toluene	62.4	2.4	ug/kg	61.1	ND	102	70-125			
1,2,3-Trichlorobenzene	40.1	6.1	ug/kg	61.1	ND	66	50-140			
1,2,4-Trichlorobenzene	44.7	6.1	ug/kg	61.1	ND	73	55-135			
1,1,1-Trichloroethane	77.1	2.4	ug/kg	61.1	ND	126	65-140			
1,1,2-Trichloroethane	57.7	2.4	ug/kg	61.1	ND	94	65-135			
Trichloroethene	61.4	2.4	ug/kg	61.1	ND	100	70-135			
Trichlorofluoromethane	77.0	6.1	ug/kg	61.1	ND	126	50-150			
1,2,3-Trichloropropane	58.7	12	ug/kg	61.1	ND	96	55-145			
1,2,4-Trimethylbenzene	65.6	2.4	ug/kg	61.1	ND	107	65-135			
1,3,5-Trimethylbenzene	66.6	2.4	ug/kg	61.1	ND	109	70-130			
Vinyl chloride	57.8	6.1	ug/kg	61.1	ND	95	50-135			
o-Xylene	62.1	2.4	ug/kg	61.1	ND	102	70-125			
m,p-Xylenes	125	2.4	ug/kg	122	ND	102	70-125			
Di-isopropyl Ether (DIPE)	43.8	6.1	ug/kg	61.1	ND	72	60-145			
Ethyl tert-Butyl Ether (ETBE)	53.4	6.1	ug/kg	61.1	ND	87	60-140			
tert-Amyl Methyl Ether (TAME)	58.2	6.1	ug/kg	61.1	ND	95	60-145			
Methyl-tert-butyl Ether (MTBE)	60.7	6.1	ug/kg	61.1	ND	99	55-150			
tert-Butanol (TBA)	326	120	ug/kg	306	ND	107	65-140			
Surrogate: Dibromofluoromethane	*65.1*		*ug/kg*	*61.1*		*107*	*80-125*			
Surrogate: Toluene-d8	*66.0*		*ug/kg*	*61.1*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*67.9*		*ug/kg*	*61.1*		*111*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G05020 Extracted: 07/05/05										
Matrix Spike Dup Analyzed: 07/05/2005 (5G05020-MSD1)					**Source: IOF2062-50**					
Benzene	56.1	2.3	ug/kg	57.1	ND	98	65-130	6	20	
Bromobenzene	61.2	5.7	ug/kg	57.1	ND	107	70-135	6	25	
Bromochloromethane	53.6	5.7	ug/kg	57.1	ND	94	65-140	4	25	
Bromodichloromethane	69.0	2.3	ug/kg	57.1	ND	121	65-140	7	20	
Bromoform	60.3	5.7	ug/kg	57.1	ND	106	50-140	2	30	
Bromomethane	60.6	5.7	ug/kg	57.1	ND	106	55-150	5	25	
n-Butylbenzene	50.7	5.7	ug/kg	57.1	ND	89	55-140	11	30	
sec-Butylbenzene	53.8	5.7	ug/kg	57.1	ND	94	65-130	8	25	
tert-Butylbenzene	61.5	5.7	ug/kg	57.1	ND	108	65-135	6	25	
Carbon tetrachloride	77.1	5.7	ug/kg	57.1	ND	135	65-140	11	25	
Chlorobenzene	57.7	2.3	ug/kg	57.1	ND	101	70-125	7	25	
Chloroethane	53.9	5.7	ug/kg	57.1	ND	94	55-145	5	25	
Chloroform	63.0	2.3	ug/kg	57.1	ND	110	65-130	9	20	
Chloromethane	43.9	5.7	ug/kg	57.1	ND	77	35-140	2	25	
2-Chlorotoluene	63.4	5.7	ug/kg	57.1	ND	111	65-130	6	25	
4-Chlorotoluene	63.6	5.7	ug/kg	57.1	ND	111	70-130	6	25	
Dibromochloromethane	72.8	2.3	ug/kg	57.1	ND	127	65-140	2	25	
1,2-Dibromo-3-chloropropane	62.4	5.7	ug/kg	57.1	ND	109	45-145	10	30	
1,2-Dibromoethane (EDB)	60.9	2.3	ug/kg	57.1	ND	107	65-135	2	25	
Dibromomethane	66.5	2.3	ug/kg	57.1	ND	116	65-135	7	25	
1,2-Dichlorobenzene	57.0	2.3	ug/kg	57.1	ND	100	70-130	5	25	
1,3-Dichlorobenzene	56.7	2.3	ug/kg	57.1	ND	99	70-125	6	25	
1,4-Dichlorobenzene	56.4	2.3	ug/kg	57.1	ND	99	70-125	5	25	
Dichlorodifluoromethane	67.5	5.7	ug/kg	57.1	ND	118	25-155	11	35	
1,1-Dichloroethane	53.4	2.3	ug/kg	57.1	ND	94	65-130	8	25	
1,2-Dichloroethane	71.8	2.3	ug/kg	57.1	ND	126	60-145	6	25	
1,1-Dichloroethene	57.2	5.7	ug/kg	57.1	ND	100	65-135	4	25	
cis-1,2-Dichloroethene	52.3	2.3	ug/kg	57.1	ND	92	65-130	7	25	
trans-1,2-Dichloroethene	55.4	2.3	ug/kg	57.1	ND	97	65-135	5	25	
1,2-Dichloropropane	50.3	2.3	ug/kg	57.1	ND	88	65-125	7	20	
1,3-Dichloropropane	61.8	2.3	ug/kg	57.1	ND	108	65-135	1	25	
2,2-Dichloropropane	59.0	2.3	ug/kg	57.1	ND	103	60-145	11	25	
1,1-Dichloropropene	62.6	2.3	ug/kg	57.1	ND	110	65-135	6	20	
cis-1,3-Dichloropropene	61.7	2.3	ug/kg	57.1	ND	108	70-130	6	25	
trans-1,3-Dichloropropene	68.3	2.3	ug/kg	57.1	ND	120	65-140	6	25	

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G05020 Extracted: 07/05/05										
Matrix Spike Dup Analyzed: 07/05/2005 (5G05020-MSD1)					**Source: IOF2062-50**					
Ethylbenzene	64.2	2.3	ug/kg	57.1	ND	112	70-130	7	25	
Hexachlorobutadiene	35.6	5.7	ug/kg	57.1	ND	62	55-140	19	35	
Isopropylbenzene	65.3	2.3	ug/kg	57.1	ND	114	65-140	3	25	
p-Isopropyltoluene	54.1	2.3	ug/kg	57.1	ND	95	60-135	8	25	
Methylene chloride	50.1	23	ug/kg	57.1	ND	88	60-140	6	25	
Naphthalene	41.3	5.7	ug/kg	57.1	ND	72	40-155	2	40	
n-Propylbenzene	63.2	2.3	ug/kg	57.1	ND	111	65-140	6	25	
Styrene	58.2	2.3	ug/kg	57.1	ND	102	70-140	9	25	
1,1,1,2-Tetrachloroethane	67.6	5.7	ug/kg	57.1	ND	118	70-140	8	20	
1,1,2,2-Tetrachloroethane	60.6	2.3	ug/kg	57.1	ND	106	45-155	7	30	
Tetrachloroethene	62.6	2.3	ug/kg	57.1	ND	110	65-135	4	25	
Toluene	58.7	2.3	ug/kg	57.1	ND	103	70-125	6	20	
1,2,3-Trichlorobenzene	35.9	5.7	ug/kg	57.1	ND	63	50-140	11	30	
1,2,4-Trichlorobenzene	40.1	5.7	ug/kg	57.1	ND	70	55-135	11	30	
1,1,1-Trichloroethane	69.3	2.3	ug/kg	57.1	ND	121	65-140	11	20	
1,1,2-Trichloroethane	56.6	2.3	ug/kg	57.1	ND	99	65-135	2	30	
Trichloroethene	57.7	2.3	ug/kg	57.1	ND	101	70-135	6	25	
Trichlorofluoromethane	71.8	5.7	ug/kg	57.1	ND	126	50-150	7	25	
1,2,3-Trichloropropane	61.4	11	ug/kg	57.1	ND	108	55-145	4	30	
1,2,4-Trimethylbenzene	61.2	2.3	ug/kg	57.1	ND	107	65-135	7	25	
1,3,5-Trimethylbenzene	62.4	2.3	ug/kg	57.1	ND	109	70-130	7	25	
Vinyl chloride	56.1	5.7	ug/kg	57.1	ND	98	50-135	3	30	
o-Xylene	57.6	2.3	ug/kg	57.1	ND	101	70-125	8	25	
m,p-Xylenes	117	2.3	ug/kg	114	ND	103	70-125	7	25	
Di-isopropyl Ether (DIPE)	42.6	5.7	ug/kg	57.1	ND	75	60-145	3	25	
Ethyl tert-Butyl Ether (ETBE)	52.2	5.7	ug/kg	57.1	ND	91	60-140	2	30	
tert-Amyl Methyl Ether (TAME)	57.4	5.7	ug/kg	57.1	ND	101	60-145	1	25	
Methyl-tert-butyl Ether (MTBE)	60.5	5.7	ug/kg	57.1	ND	106	55-150	0	35	
tert-Butanol (TBA)	316	110	ug/kg	285	ND	111	65-140	3	30	
Surrogate: Dibromofluoromethane	*59.8*		*ug/kg*	*57.1*		*105*	*80-125*			
Surrogate: Toluene-d8	*61.0*		*ug/kg*	*57.1*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*61.8*		*ug/kg*	*57.1*		*108*	*80-120*			

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06028 Extracted: 07/06/05										
Blank Analyzed: 07/06/2005 (5G06028-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06028 Extracted: 07/06/05										
Blank Analyzed: 07/06/2005 (5G06028-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*48.2*		*ug/kg*	*50.0*		*96*	*80-125*			
Surrogate: Toluene-d8	*48.8*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*42.6*		*ug/kg*	*50.0*		*85*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06028 Extracted: 07/06/05										
LCS Analyzed: 07/06/2005 (5G06028-BS1)										
Benzene	47.2	2.0	ug/kg	50.0		94	65-120			
Bromobenzene	47.9	5.0	ug/kg	50.0		96	70-120			
Bromochloromethane	51.1	5.0	ug/kg	50.0		102	65-130			
Bromodichloromethane	44.9	2.0	ug/kg	50.0		90	65-135			
Bromoform	47.3	5.0	ug/kg	50.0		95	50-135			
Bromomethane	60.2	5.0	ug/kg	50.0		120	60-145			
n-Butylbenzene	49.4	5.0	ug/kg	50.0		99	70-125			
sec-Butylbenzene	49.4	5.0	ug/kg	50.0		99	70-125			
tert-Butylbenzene	46.8	5.0	ug/kg	50.0		94	70-125			
Carbon tetrachloride	47.1	5.0	ug/kg	50.0		94	65-140			
Chlorobenzene	50.1	2.0	ug/kg	50.0		100	70-125			
Chloroethane	57.4	5.0	ug/kg	50.0		115	55-140			
Chloroform	47.7	2.0	ug/kg	50.0		95	65-130			
Chloromethane	43.4	5.0	ug/kg	50.0		87	40-140			
2-Chlorotoluene	45.7	5.0	ug/kg	50.0		91	70-125			
4-Chlorotoluene	46.6	5.0	ug/kg	50.0		93	70-125			
Dibromochloromethane	50.0	2.0	ug/kg	50.0		100	65-140			
1,2-Dibromo-3-chloropropane	43.1	5.0	ug/kg	50.0		86	45-140			
1,2-Dibromoethane (EDB)	46.0	2.0	ug/kg	50.0		92	70-130			
Dibromomethane	49.7	2.0	ug/kg	50.0		99	65-130			
1,2-Dichlorobenzene	49.1	2.0	ug/kg	50.0		98	70-120			
1,3-Dichlorobenzene	50.6	2.0	ug/kg	50.0		101	70-125			
1,4-Dichlorobenzene	48.6	2.0	ug/kg	50.0		97	70-125			
Dichlorodifluoromethane	62.8	5.0	ug/kg	50.0		126	25-155			
1,1-Dichloroethane	45.6	2.0	ug/kg	50.0		91	65-130			
1,2-Dichloroethane	40.4	2.0	ug/kg	50.0		81	60-140			
1,1-Dichloroethene	49.9	5.0	ug/kg	50.0		100	70-130			
cis-1,2-Dichloroethene	47.9	2.0	ug/kg	50.0		96	65-125			
trans-1,2-Dichloroethene	49.4	2.0	ug/kg	50.0		99	65-130			
1,2-Dichloropropane	44.8	2.0	ug/kg	50.0		90	65-125			
1,3-Dichloropropane	46.5	2.0	ug/kg	50.0		93	65-125			
2,2-Dichloropropane	43.3	2.0	ug/kg	50.0		87	60-145			
1,1-Dichloropropene	46.3	2.0	ug/kg	50.0		93	70-130			
cis-1,3-Dichloropropene	46.2	2.0	ug/kg	50.0		92	70-130			
trans-1,3-Dichloropropene	44.7	2.0	ug/kg	50.0		89	65-135			

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06028 Extracted: 07/06/05										
LCS Analyzed: 07/06/2005 (5G06028-BS1)										
Ethylbenzene	50.2	2.0	ug/kg	50.0		100	70-125			
Hexachlorobutadiene	46.9	5.0	ug/kg	50.0		94	60-135			
Isopropylbenzene	47.9	2.0	ug/kg	50.0		96	70-125			
p-Isopropyltoluene	45.8	2.0	ug/kg	50.0		92	70-125			
Methylene chloride	49.4	20	ug/kg	50.0		99	60-130			
Naphthalene	48.3	5.0	ug/kg	50.0		97	50-140			
n-Propylbenzene	48.0	2.0	ug/kg	50.0		96	70-125			
Styrene	55.8	2.0	ug/kg	50.0		112	70-130			
1,1,1,2-Tetrachloroethane	49.6	5.0	ug/kg	50.0		99	70-135			
1,1,2,2-Tetrachloroethane	49.9	2.0	ug/kg	50.0		100	55-140			
Tetrachloroethene	51.5	2.0	ug/kg	50.0		103	65-125			
Toluene	48.7	2.0	ug/kg	50.0		97	70-125			
1,2,3-Trichlorobenzene	46.7	5.0	ug/kg	50.0		93	60-130			
1,2,4-Trichlorobenzene	48.5	5.0	ug/kg	50.0		97	65-135			
1,1,1-Trichloroethane	45.4	2.0	ug/kg	50.0		91	65-135			
1,1,2-Trichloroethane	44.8	2.0	ug/kg	50.0		90	65-130			
Trichloroethene	52.0	2.0	ug/kg	50.0		104	70-125			
Trichlorofluoromethane	51.2	5.0	ug/kg	50.0		102	60-140			
1,2,3-Trichloropropane	39.5	10	ug/kg	50.0		79	55-135			
1,2,4-Trimethylbenzene	46.2	2.0	ug/kg	50.0		92	70-125			
1,3,5-Trimethylbenzene	46.9	2.0	ug/kg	50.0		94	70-125			
Vinyl chloride	44.8	5.0	ug/kg	50.0		90	50-130			
o-Xylene	50.7	2.0	ug/kg	50.0		101	70-125			
m,p-Xylenes	101	2.0	ug/kg	100		101	70-125			
Di-isopropyl Ether (DIPE)	43.7	5.0	ug/kg	50.0		87	60-135			
Ethyl tert-Butyl Ether (ETBE)	43.4	5.0	ug/kg	50.0		87	60-135			
tert-Amyl Methyl Ether (TAME)	45.9	5.0	ug/kg	50.0		92	60-140			
Methyl-tert-butyl Ether (MTBE)	42.9	5.0	ug/kg	50.0		86	55-140			
tert-Butanol (TBA)	276	100	ug/kg	250		110	65-135			
Surrogate: Dibromofluoromethane	*49.4*		*ug/kg*	*50.0*		*99*	*80-125*			
Surrogate: Toluene-d8	*48.9*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.7*		*ug/kg*	*50.0*		*95*	*80-120*			

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06028 Extracted: 07/06/05										
Matrix Spike Analyzed: 07/06/2005 (5G06028-MS1)					**Source: IOF2143-01**					
Benzene	49.2	2.0	ug/kg	49.7	ND	99	65-130			
Bromobenzene	51.7	5.0	ug/kg	49.7	ND	104	70-135			
Bromochloromethane	59.7	5.0	ug/kg	49.7	ND	120	65-140			
Bromodichloromethane	49.5	2.0	ug/kg	49.7	ND	100	65-140			
Bromoform	57.4	5.0	ug/kg	49.7	ND	115	50-140			
Bromomethane	61.5	5.0	ug/kg	49.7	ND	124	55-150			
n-Butylbenzene	45.5	5.0	ug/kg	49.7	ND	92	55-140			
sec-Butylbenzene	47.2	5.0	ug/kg	49.7	ND	95	65-130			
tert-Butylbenzene	45.2	5.0	ug/kg	49.7	ND	91	65-135			
Carbon tetrachloride	46.3	5.0	ug/kg	49.7	ND	93	65-140			
Chlorobenzene	52.4	2.0	ug/kg	49.7	ND	105	70-125			
Chloroethane	56.8	5.0	ug/kg	49.7	ND	114	55-145			
Chloroform	51.2	2.0	ug/kg	49.7	ND	103	65-130			
Chloromethane	43.1	5.0	ug/kg	49.7	ND	87	35-140			
2-Chlorotoluene	45.8	5.0	ug/kg	49.7	ND	92	65-130			
4-Chlorotoluene	46.9	5.0	ug/kg	49.7	ND	94	70-130			
Dibromochloromethane	58.9	2.0	ug/kg	49.7	ND	119	65-140			
1,2-Dibromo-3-chloropropane	63.3	5.0	ug/kg	49.7	ND	127	45-145			
1,2-Dibromoethane (EDB)	57.7	2.0	ug/kg	49.7	ND	116	65-135			
Dibromomethane	60.2	2.0	ug/kg	49.7	ND	121	65-135			
1,2-Dichlorobenzene	52.3	2.0	ug/kg	49.7	ND	105	70-130			
1,3-Dichlorobenzene	51.6	2.0	ug/kg	49.7	ND	104	70-125			
1,4-Dichlorobenzene	50.3	2.0	ug/kg	49.7	ND	101	70-125			
Dichlorodifluoromethane	60.3	5.0	ug/kg	49.7	ND	121	25-155			
1,1-Dichloroethane	48.1	2.0	ug/kg	49.7	ND	97	65-130			
1,2-Dichloroethane	48.0	2.0	ug/kg	49.7	ND	97	60-145			
1,1-Dichloroethene	50.5	5.0	ug/kg	49.7	ND	102	65-135			
cis-1,2-Dichloroethene	51.6	2.0	ug/kg	49.7	ND	104	65-130			
trans-1,2-Dichloroethene	50.3	2.0	ug/kg	49.7	ND	101	65-135			
1,2-Dichloropropane	48.7	2.0	ug/kg	49.7	ND	98	65-125			
1,3-Dichloropropane	56.4	2.0	ug/kg	49.7	ND	113	65-135			
2,2-Dichloropropane	45.2	2.0	ug/kg	49.7	ND	91	60-145			
1,1-Dichloropropene	46.2	2.0	ug/kg	49.7	ND	93	65-135			
cis-1,3-Dichloropropene	51.5	2.0	ug/kg	49.7	ND	104	70-130			
trans-1,3-Dichloropropene	52.6	2.0	ug/kg	49.7	ND	106	65-140			

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Project ID: 002-10311.00

Report Number: IOG0052

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06028 Extracted: 07/06/05										
Matrix Spike Analyzed: 07/06/2005 (5G06028-MS1)					**Source: IOF2143-01**					
Ethylbenzene	50.6	2.0	ug/kg	49.7	ND	102	70-130			
Hexachlorobutadiene	40.6	5.0	ug/kg	49.7	ND	82	55-140			
Isopropylbenzene	48.1	2.0	ug/kg	49.7	ND	97	65-140			
p-Isopropyltoluene	43.9	2.0	ug/kg	49.7	ND	88	60-135			
Methylene chloride	55.6	20	ug/kg	49.7	ND	112	60-140			
Naphthalene	62.6	5.0	ug/kg	49.7	ND	126	40-155			
n-Propylbenzene	47.1	2.0	ug/kg	49.7	ND	95	65-140			
Styrene	58.3	2.0	ug/kg	49.7	ND	117	70-140			
1,1,1,2-Tetrachloroethane	52.7	5.0	ug/kg	49.7	ND	106	70-140			
1,1,2,2-Tetrachloroethane	67.4	2.0	ug/kg	49.7	ND	136	45-155			
Tetrachloroethene	51.3	2.0	ug/kg	49.7	ND	103	65-135			
Toluene	49.9	2.0	ug/kg	49.7	ND	100	70-125			
1,2,3-Trichlorobenzene	49.7	5.0	ug/kg	49.7	ND	100	50-140			
1,2,4-Trichlorobenzene	47.9	5.0	ug/kg	49.7	ND	96	55-135			
1,1,1-Trichloroethane	45.7	2.0	ug/kg	49.7	ND	92	65-140			
1,1,2-Trichloroethane	55.2	2.0	ug/kg	49.7	ND	111	65-135			
Trichloroethene	52.5	2.0	ug/kg	49.7	ND	106	70-135			
Trichlorofluoromethane	50.7	5.0	ug/kg	49.7	ND	102	50-150			
1,2,3-Trichloropropane	54.0	10	ug/kg	49.7	ND	109	55-145			
1,2,4-Trimethylbenzene	46.3	2.0	ug/kg	49.7	ND	93	65-135			
1,3,5-Trimethylbenzene	46.4	2.0	ug/kg	49.7	ND	93	70-130			
Vinyl chloride	42.8	5.0	ug/kg	49.7	ND	86	50-135			
o-Xylene	51.2	2.0	ug/kg	49.7	ND	103	70-125			
m,p-Xylenes	101	2.0	ug/kg	99.4	ND	102	70-125			
Di-isopropyl Ether (DIPE)	50.0	5.0	ug/kg	49.7	ND	101	60-145			
Ethyl tert-Butyl Ether (ETBE)	51.8	5.0	ug/kg	49.7	ND	104	60-140			
tert-Amyl Methyl Ether (TAME)	56.9	5.0	ug/kg	49.7	ND	114	60-145			
Methyl-tert-butyl Ether (MTBE)	55.2	5.0	ug/kg	49.7	ND	111	55-150			
tert-Butanol (TBA)	271	100	ug/kg	249	ND	109	65-140			
Surrogate: Dibromofluoromethane	*52.1*		*ug/kg*	*49.7*		*105*	*80-125*			
Surrogate: Toluene-d8	*48.2*		*ug/kg*	*49.7*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/kg*	*49.7*		*96*	*80-120*			

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

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Received: 07/01/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06028 Extracted: 07/06/05										
Matrix Spike Dup Analyzed: 07/06/2005 (5G06028-MSD1)					**Source: IOF2143-01**					
Benzene	46.5	2.0	ug/kg	48.3	ND	96	65-130	6	20	
Bromobenzene	50.3	5.0	ug/kg	48.3	ND	104	70-135	3	25	
Bromochloromethane	57.5	5.0	ug/kg	48.3	ND	119	65-140	4	25	
Bromodichloromethane	48.2	2.0	ug/kg	48.3	ND	100	65-140	3	20	
Bromoform	60.4	5.0	ug/kg	48.3	ND	125	50-140	5	30	
Bromomethane	53.4	5.0	ug/kg	48.3	ND	111	55-150	14	25	
n-Butylbenzene	43.4	5.0	ug/kg	48.3	ND	90	55-140	5	30	
sec-Butylbenzene	45.1	5.0	ug/kg	48.3	ND	93	65-130	5	25	
tert-Butylbenzene	43.6	5.0	ug/kg	48.3	ND	90	65-135	4	25	
Carbon tetrachloride	45.9	5.0	ug/kg	48.3	ND	95	65-140	1	25	
Chlorobenzene	49.6	2.0	ug/kg	48.3	ND	103	70-125	5	25	
Chloroethane	50.7	5.0	ug/kg	48.3	ND	105	55-145	11	25	
Chloroform	49.1	2.0	ug/kg	48.3	ND	102	65-130	4	20	
Chloromethane	38.5	5.0	ug/kg	48.3	ND	80	35-140	11	25	
2-Chlorotoluene	44.2	5.0	ug/kg	48.3	ND	92	65-130	4	25	
4-Chlorotoluene	45.7	5.0	ug/kg	48.3	ND	95	70-130	3	25	
Dibromochloromethane	58.2	2.0	ug/kg	48.3	ND	120	65-140	1	25	
1,2-Dibromo-3-chloropropane	74.1	5.0	ug/kg	48.3	ND	153	45-145	16	30	*M1*
1,2-Dibromoethane (EDB)	59.0	2.0	ug/kg	48.3	ND	122	65-135	2	25	
Dibromomethane	59.9	2.0	ug/kg	48.3	ND	124	65-135	1	25	
1,2-Dichlorobenzene	51.3	2.0	ug/kg	48.3	ND	106	70-130	2	25	
1,3-Dichlorobenzene	49.6	2.0	ug/kg	48.3	ND	103	70-125	4	25	
1,4-Dichlorobenzene	48.7	2.0	ug/kg	48.3	ND	101	70-125	3	25	
Dichlorodifluoromethane	54.8	5.0	ug/kg	48.3	ND	113	25-155	10	35	
1,1-Dichloroethane	45.9	2.0	ug/kg	48.3	ND	95	65-130	5	25	
1,2-Dichloroethane	48.2	2.0	ug/kg	48.3	ND	100	60-145	0	25	
1,1-Dichloroethene	47.9	5.0	ug/kg	48.3	ND	99	65-135	5	25	
cis-1,2-Dichloroethene	48.8	2.0	ug/kg	48.3	ND	101	65-130	6	25	
trans-1,2-Dichloroethene	48.7	2.0	ug/kg	48.3	ND	101	65-135	3	25	
1,2-Dichloropropane	46.0	2.0	ug/kg	48.3	ND	95	65-125	6	20	
1,3-Dichloropropane	55.5	2.0	ug/kg	48.3	ND	115	65-135	2	25	
2,2-Dichloropropane	44.3	2.0	ug/kg	48.3	ND	92	60-145	2	25	
1,1-Dichloropropene	44.8	2.0	ug/kg	48.3	ND	93	65-135	3	20	
cis-1,3-Dichloropropene	50.3	2.0	ug/kg	48.3	ND	104	70-130	2	25	
trans-1,3-Dichloropropene	52.8	2.0	ug/kg	48.3	ND	109	65-140	0	25	

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Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G06028 Extracted: 07/06/05										
Matrix Spike Dup Analyzed: 07/06/2005 (5G06028-MSD1)					**Source: IOF2143-01**					
Ethylbenzene	47.7	2.0	ug/kg	48.3	ND	99	70-130	6	25	
Hexachlorobutadiene	41.3	5.0	ug/kg	48.3	ND	86	55-140	2	35	
Isopropylbenzene	46.4	2.0	ug/kg	48.3	ND	96	65-140	4	25	
p-Isopropyltoluene	42.3	2.0	ug/kg	48.3	ND	88	60-135	4	25	
Methylene chloride	52.5	20	ug/kg	48.3	ND	109	60-140	6	25	
Naphthalene	67.7	5.0	ug/kg	48.3	ND	140	40-155	8	40	
n-Propylbenzene	45.5	2.0	ug/kg	48.3	ND	94	65-140	3	25	
Styrene	54.6	2.0	ug/kg	48.3	ND	113	70-140	7	25	
1,1,1,2-Tetrachloroethane	51.9	5.0	ug/kg	48.3	ND	107	70-140	2	20	
1,1,2,2-Tetrachloroethane	72.9	2.0	ug/kg	48.3	ND	151	45-155	8	30	
Tetrachloroethene	48.4	2.0	ug/kg	48.3	ND	100	65-135	6	25	
Toluene	47.4	2.0	ug/kg	48.3	ND	98	70-125	5	20	
1,2,3-Trichlorobenzene	50.7	5.0	ug/kg	48.3	ND	105	50-140	2	30	
1,2,4-Trichlorobenzene	48.6	5.0	ug/kg	48.3	ND	101	55-135	1	30	
1,1,1-Trichloroethane	45.2	2.0	ug/kg	48.3	ND	94	65-140	1	20	
1,1,2-Trichloroethane	55.5	2.0	ug/kg	48.3	ND	115	65-135	1	30	
Trichloroethene	50.4	2.0	ug/kg	48.3	ND	104	70-135	4	25	
Trichlorofluoromethane	49.3	5.0	ug/kg	48.3	ND	102	50-150	3	25	
1,2,3-Trichloropropane	59.2	10	ug/kg	48.3	ND	123	55-145	9	30	
1,2,4-Trimethylbenzene	44.4	2.0	ug/kg	48.3	ND	92	65-135	4	25	
1,3,5-Trimethylbenzene	44.9	2.0	ug/kg	48.3	ND	93	70-130	3	25	
Vinyl chloride	37.1	5.0	ug/kg	48.3	ND	77	50-135	14	30	
o-Xylene	47.9	2.0	ug/kg	48.3	ND	99	70-125	7	25	
m,p-Xylenes	93.9	2.0	ug/kg	96.5	ND	97	70-125	7	25	
Di-isopropyl Ether (DIPE)	46.9	5.0	ug/kg	48.3	ND	97	60-145	6	25	
Ethyl tert-Butyl Ether (ETBE)	50.7	5.0	ug/kg	48.3	ND	105	60-140	2	30	
tert-Amyl Methyl Ether (TAME)	57.5	5.0	ug/kg	48.3	ND	119	60-145	1	25	
Methyl-tert-butyl Ether (MTBE)	57.7	5.0	ug/kg	48.3	ND	119	55-150	4	35	
tert-Butanol (TBA)	245	100	ug/kg	241	ND	102	65-140	10	30	
Surrogate: Dibromofluoromethane	*49.5*		*ug/kg*	*48.3*		*102*	*80-125*			
Surrogate: Toluene-d8	*46.7*		*ug/kg*	*48.3*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*45.0*		*ug/kg*	*48.3*		*93*	*80-120*			

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DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOG0052

Sampled: 07/01/05
Received: 07/01/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015 MOD.	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

SAMPLE COLLECTOR:	PROJECT NO.:	SECTION NO.:	DATE:	SAMPLER'S INITIALS:	SERIAL NO.:
LFR LEVINE•FRICKE 3150 Bristol Street, Suite 250 Costa Mesa, California 92626 (714) 444-0111, Fax (714) 444-0117	002-10311.00	300	7-1-05	BTW	03273
	PROJECT NAME: Ameron		SAMPLER (Signature): Brian T. White		

SAMPLE / ANALYSES

	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260) 8/5035	BTEX / MTBE (8260)	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)	Standard 5DA	RUSH:	HOLD	REMARKS
1	SBEX-EW-2-6'	7-1-05	0630		1	X				X							X			RESULTS, QUESTIONS,
2	SBEX-SW-2-6'	7-1-05	0640		1	X				X							X			COMMENTS. TO
3	FAB-UST-EX-SW-6'		0712		4	X				X	X						X			MELLISA SCHUETZ
4	FAB-UST-EX-BOT-2-8'		0725		4	X				X	X						X			2 LFR
5	FAB-UST-EX-WW-6'		0730		4	X				X	X						X			
6	FAB-UST-EX-BOT-1-8'		0740		4	X				X	X						X			
7	FAB-UST-EX-EW-6'		0800		4	X				X	X						X			
8	FAB-UST-EX-BOT-3-8'		0810		4	X				X	X						X			
9	~~FAB-UST-EX-NW-6'~~				~~4~~	~~X~~				~~X~~	~~X~~						~~X~~			← No sample
10	FAB-UST-EX-BOT-4-11'		0930		4	X				X	X						X			
11	DUP-1-070105		—		4	X				X	X						X			
12	FAB-UST-EX-EW-2-6'		11:05		4	X				X	X						X			
13	FAB-UST-EX-WW-2-6'		11:25		4	X				X	X						X			
14																				
15																				

I040052

SAMPLE RECEIPT:	Cooler Temp:	METHOD OF SHIPMENT:	RELINQUISHED BY: 1	RELINQUISHED BY: 2	RELINQUISHED BY: 3
☐ Intact ☐ Cold ☐ On Ice ☐ Ambient	Cooler No:	Courier	Brian T. White 7-1-05 (SIGNATURE) (DATE)	Emilio Aceves 7/1/05 (SIGNATURE) (DATE)	(SIGNATURE) (DATE)
		LAB REPORT NO.:	Brian T. White 12:00 (PRINTED NAME) (TIME)	Emilio Aceves 13:45 (PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
Preservative Correct? ☐ Yes ☐ No ☐ N/A		FAX COC CONFIRMATION TO: M. SCHUETZ	LFR (COMPANY)	DEL MAR (COMPANY)	(COMPANY)
ANALYTICAL LABORATORY: DEL MAR		FAX RESULTS TO:	RECEIVED BY: 1	RECEIVED BY: 2	RECEIVED BY (LABORATORY): 3
		SEND HARDCOPY TO:	Emilio Aceves 7/1/05 (SIGNATURE) (DATE)	G. Ruiz 7/1/05 (SIGNATURE) (DATE)	(SIGNATURE) (DATE)
		SEND EDD TO:	Emilio Aceves 12:00 (PRINTED NAME) (TIME)	G. Ruiz 13:45 (PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
			DEL MAR AN (COMPANY)	4°C (COMPANY)	(LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO: 2001/COC/TWT

Del Mar Analytical

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: Ameron, 002-10311.00

Sampled: 06/30/05
Received: 06/30/05
Issued: 07/01/05 16:26

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Only the rush TAT results for sample IOF2161-04 (DSA-BOT-30') are included in this report. All other results will be reported under separate cover.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOF2161-04	DSA-BOT-30'	Soil

Reviewed By:

Del Mar Analytical, Irvine
Patty Mata
Project Manager

Del Mar Analytical

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-04 (DSA-BOT-30' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Bromobenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Bromochloromethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Bromodichloromethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Bromoform	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Bromomethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
n-Butylbenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
sec-Butylbenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
tert-Butylbenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Carbon tetrachloride	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Chlorobenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Chloroethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Chloroform	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Chloromethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
2-Chlorotoluene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
4-Chlorotoluene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Dibromochloromethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Dibromomethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dichlorobenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,3-Dichlorobenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,4-Dichlorobenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Dichlorodifluoromethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,1-Dichloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dichloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,1-Dichloroethene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dichloropropane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,3-Dichloropropane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
2,2-Dichloropropane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,1-Dichloropropene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Ethylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Hexachlorobutadiene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Isopropylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
p-Isopropyltoluene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Methylene chloride	EPA 8260B	5G01025	20	ND	0.986	7/1/2005	7/1/2005	
Naphthalene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-04 (DSA-BOT-30' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Styrene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Tetrachloroethene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Toluene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,1,1-Trichloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,1,2-Trichloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Trichloroethene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Trichlorofluoromethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,2,3-Trichloropropane	EPA 8260B	5G01025	10	ND	0.986	7/1/2005	7/1/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Vinyl chloride	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
o-Xylene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
m,p-Xylenes	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
tert-Butanol (TBA)	EPA 8260B	5G01025	100	ND	0.986	7/1/2005	7/1/2005	
Surrogate: Dibromofluoromethane (80-125%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-04 (DSA-BOT-30' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	**13**	0.999	100	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	**2.0**	0.999	15	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	**1.9**	0.999	15	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	**2.3**	0.999	18	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	**1.9**	0.999	15	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*49 %*					

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Project Manager

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LFR Levine Fricke
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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01049 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01049-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.51*		*mg/kg*	*6.67*		*68*	*40-130*			
LCS Analyzed: 07/01/2005 (5G01049-BS1)										
EFH (C8 - C40)	24.2	5.0	mg/kg	33.3		73	40-120			
Surrogate: n-Octacosane	*4.79*		*mg/kg*	*6.67*		*72*	*40-130*			
Matrix Spike Analyzed: 07/01/2005 (5G01049-MS1)					**Source: IOF2144-03**					
EFH (C8 - C40)	19.6	5.0	mg/kg	33.3	ND	59	30-125			
Surrogate: n-Octacosane	*3.83*		*mg/kg*	*6.65*		*58*	*40-130*			
Matrix Spike Dup Analyzed: 07/01/2005 (5G01049-MSD1)					**Source: IOF2144-03**					
EFH (C8 - C40)	23.0	5.0	mg/kg	33.4	ND	69	30-125	16	30	
Surrogate: n-Octacosane	*3.37*		*mg/kg*	*6.68*		*50*	*40-130*			

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
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Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01025-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01025-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*52.7*		*ug/kg*	*50.0*		*105*	*80-125*			
Surrogate: Toluene-d8	*50.7*		*ug/kg*	*50.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
LCS Analyzed: 07/01/2005 (5G01025-BS1)										
Benzene	37.8	2.0	ug/kg	50.0		76	65-120			
Bromobenzene	45.1	5.0	ug/kg	50.0		90	70-120			
Bromochloromethane	46.2	5.0	ug/kg	50.0		92	65-130			
Bromodichloromethane	45.5	2.0	ug/kg	50.0		91	65-135			
Bromoform	44.4	5.0	ug/kg	50.0		89	50-135			
Bromomethane	52.3	5.0	ug/kg	50.0		105	60-145			
n-Butylbenzene	40.0	5.0	ug/kg	50.0		80	70-125			
sec-Butylbenzene	40.5	5.0	ug/kg	50.0		81	70-125			
tert-Butylbenzene	45.1	5.0	ug/kg	50.0		90	70-125			
Carbon tetrachloride	53.4	5.0	ug/kg	50.0		107	65-140			
Chlorobenzene	48.2	2.0	ug/kg	50.0		96	70-125			
Chloroethane	43.6	5.0	ug/kg	50.0		87	55-140			
Chloroform	44.9	2.0	ug/kg	50.0		90	65-130			
Chloromethane	34.8	5.0	ug/kg	50.0		70	40-140			
2-Chlorotoluene	42.1	5.0	ug/kg	50.0		84	70-125			
4-Chlorotoluene	42.8	5.0	ug/kg	50.0		86	70-125			
Dibromochloromethane	53.3	2.0	ug/kg	50.0		107	65-140			
1,2-Dibromo-3-chloropropane	30.5	5.0	ug/kg	50.0		61	45-140			
1,2-Dibromoethane (EDB)	48.8	2.0	ug/kg	50.0		98	70-130			
Dibromomethane	45.1	2.0	ug/kg	50.0		90	65-130			
1,2-Dichlorobenzene	41.1	2.0	ug/kg	50.0		82	70-120			
1,3-Dichlorobenzene	43.3	2.0	ug/kg	50.0		87	70-125			
1,4-Dichlorobenzene	42.4	2.0	ug/kg	50.0		85	70-125			
Dichlorodifluoromethane	44.4	5.0	ug/kg	50.0		89	25-155			
1,1-Dichloroethane	41.0	2.0	ug/kg	50.0		82	65-130			
1,2-Dichloroethane	46.9	2.0	ug/kg	50.0		94	60-140			
1,1-Dichloroethene	45.2	5.0	ug/kg	50.0		90	70-130			
cis-1,2-Dichloroethene	40.3	2.0	ug/kg	50.0		81	65-125			
trans-1,2-Dichloroethene	42.2	2.0	ug/kg	50.0		84	65-130			
1,2-Dichloropropane	38.2	2.0	ug/kg	50.0		76	65-125			
1,3-Dichloropropane	44.4	2.0	ug/kg	50.0		89	65-125			
2,2-Dichloropropane	30.7	2.0	ug/kg	50.0		61	60-145			
1,1-Dichloropropene	43.7	2.0	ug/kg	50.0		87	70-130			
cis-1,3-Dichloropropene	43.3	2.0	ug/kg	50.0		87	70-130			
trans-1,3-Dichloropropene	45.7	2.0	ug/kg	50.0		91	65-135			

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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
LCS Analyzed: 07/01/2005 (5G01025-BS1)										
Ethylbenzene	44.7	2.0	ug/kg	50.0		89	70-125			
Hexachlorobutadiene	40.6	5.0	ug/kg	50.0		81	60-135			
Isopropylbenzene	44.6	2.0	ug/kg	50.0		89	70-125			
p-Isopropyltoluene	42.8	2.0	ug/kg	50.0		86	70-125			
Methylene chloride	40.2	20	ug/kg	50.0		80	60-130			
Naphthalene	34.1	5.0	ug/kg	50.0		68	50-140			
n-Propylbenzene	42.7	2.0	ug/kg	50.0		85	70-125			
Styrene	45.7	2.0	ug/kg	50.0		91	70-130			
1,1,1,2-Tetrachloroethane	50.6	5.0	ug/kg	50.0		101	70-135			
1,1,2,2-Tetrachloroethane	42.4	2.0	ug/kg	50.0		85	55-140			
Tetrachloroethene	48.8	2.0	ug/kg	50.0		98	65-125			
Toluene	39.7	2.0	ug/kg	50.0		79	70-125			
1,2,3-Trichlorobenzene	38.3	5.0	ug/kg	50.0		77	60-130			
1,2,4-Trichlorobenzene	36.2	5.0	ug/kg	50.0		72	65-135			
1,1,1-Trichloroethane	45.7	2.0	ug/kg	50.0		91	65-135			
1,1,2-Trichloroethane	42.0	2.0	ug/kg	50.0		84	65-130			
Trichloroethene	44.8	2.0	ug/kg	50.0		90	70-125			
Trichlorofluoromethane	52.4	5.0	ug/kg	50.0		105	60-140			
1,2,3-Trichloropropane	42.8	10	ug/kg	50.0		86	55-135			
1,2,4-Trimethylbenzene	42.5	2.0	ug/kg	50.0		85	70-125			
1,3,5-Trimethylbenzene	43.5	2.0	ug/kg	50.0		87	70-125			
Vinyl chloride	39.1	5.0	ug/kg	50.0		78	50-130			
o-Xylene	44.2	2.0	ug/kg	50.0		88	70-125			
m,p-Xylenes	90.6	2.0	ug/kg	100		91	70-125			
Di-isopropyl Ether (DIPE)	37.7	5.0	ug/kg	50.0		75	60-135			
Ethyl tert-Butyl Ether (ETBE)	34.1	5.0	ug/kg	50.0		68	60-135			
tert-Amyl Methyl Ether (TAME)	37.2	5.0	ug/kg	50.0		74	60-140			
Methyl-tert-butyl Ether (MTBE)	40.4	5.0	ug/kg	50.0		81	55-140			
tert-Butanol (TBA)	225	100	ug/kg	250		90	65-135			
Surrogate: Dibromofluoromethane	*51.7*		*ug/kg*	*50.0*		*103*	*80-125*			
Surrogate: Toluene-d8	*50.9*		*ug/kg*	*50.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Analyzed: 07/01/2005 (5G01025-MS1)					**Source: IOF1950-03RE1**					
Benzene	44.7	2.0	ug/kg	49.9	ND	90	65-130			
Bromobenzene	48.9	5.0	ug/kg	49.9	ND	98	70-135			
Bromochloromethane	53.5	5.0	ug/kg	49.9	ND	107	65-140			
Bromodichloromethane	51.2	2.0	ug/kg	49.9	ND	103	65-140			
Bromoform	49.5	5.0	ug/kg	49.9	ND	99	50-140			
Bromomethane	55.7	5.0	ug/kg	49.9	ND	112	55-150			
n-Butylbenzene	42.8	5.0	ug/kg	49.9	ND	86	55-140			
sec-Butylbenzene	43.3	5.0	ug/kg	49.9	0.88	85	65-130			
tert-Butylbenzene	48.1	5.0	ug/kg	49.9	ND	96	65-135			
Carbon tetrachloride	58.1	5.0	ug/kg	49.9	ND	116	65-140			
Chlorobenzene	55.0	2.0	ug/kg	49.9	ND	110	70-125			
Chloroethane	45.8	5.0	ug/kg	49.9	ND	92	55-145			
Chloroform	50.4	2.0	ug/kg	49.9	ND	101	65-130			
Chloromethane	35.3	5.0	ug/kg	49.9	ND	71	35-140			
2-Chlorotoluene	44.8	5.0	ug/kg	49.9	ND	90	65-130			
4-Chlorotoluene	45.2	5.0	ug/kg	49.9	ND	91	70-130			
Dibromochloromethane	59.6	2.0	ug/kg	49.9	ND	119	65-140			
1,2-Dibromo-3-chloropropane	41.7	5.0	ug/kg	49.9	ND	84	45-145			
1,2-Dibromoethane (EDB)	55.9	2.0	ug/kg	49.9	ND	112	65-135			
Dibromomethane	52.5	2.0	ug/kg	49.9	ND	105	65-135			
1,2-Dichlorobenzene	46.5	2.0	ug/kg	49.9	ND	93	70-130			
1,3-Dichlorobenzene	47.4	2.0	ug/kg	49.9	ND	95	70-125			
1,4-Dichlorobenzene	46.4	2.0	ug/kg	49.9	ND	93	70-125			
Dichlorodifluoromethane	42.4	5.0	ug/kg	49.9	ND	85	25-155			
1,1-Dichloroethane	46.8	2.0	ug/kg	49.9	ND	94	65-130			
1,2-Dichloroethane	51.1	2.0	ug/kg	49.9	ND	102	60-145			
1,1-Dichloroethene	51.0	5.0	ug/kg	49.9	ND	102	65-135			
cis-1,2-Dichloroethene	47.4	2.0	ug/kg	49.9	ND	95	65-130			
trans-1,2-Dichloroethene	48.7	2.0	ug/kg	49.9	ND	98	65-135			
1,2-Dichloropropane	46.2	2.0	ug/kg	49.9	ND	93	65-125			
1,3-Dichloropropane	51.1	2.0	ug/kg	49.9	ND	102	65-135			
2,2-Dichloropropane	35.4	2.0	ug/kg	49.9	ND	71	60-145			
1,1-Dichloropropene	48.9	2.0	ug/kg	49.9	ND	98	65-135			
cis-1,3-Dichloropropene	50.2	2.0	ug/kg	49.9	ND	101	70-130			
trans-1,3-Dichloropropene	52.6	2.0	ug/kg	49.9	ND	105	65-140			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Analyzed: 07/01/2005 (5G01025-MS1)					**Source: IOF1950-03RE1**					
Ethylbenzene	50.7	2.0	ug/kg	49.9	ND	102	70-130			
Hexachlorobutadiene	39.6	5.0	ug/kg	49.9	1.9	76	55-140			
Isopropylbenzene	47.0	2.0	ug/kg	49.9	ND	94	65-140			
p-Isopropyltoluene	46.3	2.0	ug/kg	49.9	ND	93	60-135			
Methylene chloride	45.8	20	ug/kg	49.9	ND	92	60-140			
Naphthalene	48.2	5.0	ug/kg	49.9	2.8	91	40-155			
n-Propylbenzene	45.0	2.0	ug/kg	49.9	ND	90	65-140			
Styrene	52.0	2.0	ug/kg	49.9	ND	104	70-140			
1,1,1,2-Tetrachloroethane	57.2	5.0	ug/kg	49.9	ND	115	70-140			
1,1,2,2-Tetrachloroethane	49.7	2.0	ug/kg	49.9	ND	100	45-155			
Tetrachloroethene	54.6	2.0	ug/kg	49.9	ND	109	65-135			
Toluene	46.2	2.0	ug/kg	49.9	ND	93	70-125			
1,2,3-Trichlorobenzene	52.7	5.0	ug/kg	49.9	ND	106	50-140			
1,2,4-Trichlorobenzene	51.9	5.0	ug/kg	49.9	ND	104	55-135			
1,1,1-Trichloroethane	50.3	2.0	ug/kg	49.9	ND	101	65-140			
1,1,2-Trichloroethane	51.0	2.0	ug/kg	49.9	ND	102	65-135			
Trichloroethene	52.1	2.0	ug/kg	49.9	ND	104	70-135			
Trichlorofluoromethane	55.0	5.0	ug/kg	49.9	ND	110	50-150			
1,2,3-Trichloropropane	48.2	10	ug/kg	49.9	ND	97	55-145			
1,2,4-Trimethylbenzene	46.1	2.0	ug/kg	49.9	ND	92	65-135			
1,3,5-Trimethylbenzene	46.8	2.0	ug/kg	49.9	ND	94	70-130			
Vinyl chloride	42.0	5.0	ug/kg	49.9	ND	84	50-135			
o-Xylene	50.5	2.0	ug/kg	49.9	ND	101	70-125			
m,p-Xylenes	102	2.0	ug/kg	99.8	ND	102	70-125			
Di-isopropyl Ether (DIPE)	44.5	5.0	ug/kg	49.9	ND	89	60-145			
Ethyl tert-Butyl Ether (ETBE)	40.1	5.0	ug/kg	49.9	ND	80	60-140			
tert-Amyl Methyl Ether (TAME)	44.6	5.0	ug/kg	49.9	ND	89	60-145			
Methyl-tert-butyl Ether (MTBE)	46.9	5.0	ug/kg	49.9	ND	94	55-150			
tert-Butanol (TBA)	256	100	ug/kg	250	ND	102	65-140			
Surrogate: Dibromofluoromethane	*50.9*		*ug/kg*	*49.9*		*102*	*80-125*			
Surrogate: Toluene-d8	*51.3*		*ug/kg*	*49.9*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*56.1*		*ug/kg*	*49.9*		*112*	*80-120*			

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Dup Analyzed: 07/01/2005 (5G01025-MSD1)					**Source: IOF1950-03RE1**					
Benzene	44.4	2.0	ug/kg	49.6	ND	90	65-130	1	20	
Bromobenzene	49.3	5.0	ug/kg	49.6	ND	99	70-135	1	25	
Bromochloromethane	54.6	5.0	ug/kg	49.6	ND	110	65-140	2	25	
Bromodichloromethane	52.5	2.0	ug/kg	49.6	ND	106	65-140	3	20	
Bromoform	50.6	5.0	ug/kg	49.6	ND	102	50-140	2	30	
Bromomethane	55.2	5.0	ug/kg	49.6	ND	111	55-150	1	25	
n-Butylbenzene	40.8	5.0	ug/kg	49.6	ND	82	55-140	5	30	
sec-Butylbenzene	40.8	5.0	ug/kg	49.6	0.88	80	65-130	6	25	
tert-Butylbenzene	45.3	5.0	ug/kg	49.6	ND	91	65-135	6	25	
Carbon tetrachloride	54.9	5.0	ug/kg	49.6	ND	111	65-140	6	25	
Chlorobenzene	54.7	2.0	ug/kg	49.6	ND	110	70-125	1	25	
Chloroethane	46.8	5.0	ug/kg	49.6	ND	94	55-145	2	25	
Chloroform	50.7	2.0	ug/kg	49.6	ND	102	65-130	1	20	
Chloromethane	36.3	5.0	ug/kg	49.6	ND	73	35-140	3	25	
2-Chlorotoluene	45.8	5.0	ug/kg	49.6	ND	92	65-130	2	25	
4-Chlorotoluene	45.2	5.0	ug/kg	49.6	ND	91	70-130	0	25	
Dibromochloromethane	61.2	2.0	ug/kg	49.6	ND	123	65-140	3	25	
1,2-Dibromo-3-chloropropane	42.9	5.0	ug/kg	49.6	ND	86	45-145	3	30	
1,2-Dibromoethane (EDB)	59.1	2.0	ug/kg	49.6	ND	119	65-135	6	25	
Dibromomethane	52.8	2.0	ug/kg	49.6	ND	106	65-135	1	25	
1,2-Dichlorobenzene	32.8	2.0	ug/kg	49.6	ND	66	70-130	35	25	*M2, R-3*
1,3-Dichlorobenzene	45.3	2.0	ug/kg	49.6	ND	91	70-125	5	25	
1,4-Dichlorobenzene	43.8	2.0	ug/kg	49.6	ND	88	70-125	6	25	
Dichlorodifluoromethane	41.6	5.0	ug/kg	49.6	ND	84	25-155	2	35	
1,1-Dichloroethane	46.8	2.0	ug/kg	49.6	ND	94	65-130	0	25	
1,2-Dichloroethane	50.2	2.0	ug/kg	49.6	ND	101	60-145	2	25	
1,1-Dichloroethene	51.5	5.0	ug/kg	49.6	ND	104	65-135	1	25	
cis-1,2-Dichloroethene	47.6	2.0	ug/kg	49.6	ND	96	65-130	0	25	
trans-1,2-Dichloroethene	49.8	2.0	ug/kg	49.6	ND	100	65-135	2	25	
1,2-Dichloropropane	46.0	2.0	ug/kg	49.6	ND	93	65-125	0	20	
1,3-Dichloropropane	51.8	2.0	ug/kg	49.6	ND	104	65-135	1	25	
2,2-Dichloropropane	33.2	2.0	ug/kg	49.6	ND	67	60-145	6	25	
1,1-Dichloropropene	48.3	2.0	ug/kg	49.6	ND	97	65-135	1	20	
cis-1,3-Dichloropropene	50.3	2.0	ug/kg	49.6	ND	101	70-130	0	25	
trans-1,3-Dichloropropene	52.7	2.0	ug/kg	49.6	ND	106	65-140	0	25	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Dup Analyzed: 07/01/2005 (5G01025-MSD1)					**Source: IOF1950-03RE1**					
Ethylbenzene	50.2	2.0	ug/kg	49.6	ND	101	70-130	1	25	
Hexachlorobutadiene	13.1	5.0	ug/kg	49.6	1.9	23	55-140	101	35	*M2, R-3*
Isopropylbenzene	47.3	2.0	ug/kg	49.6	ND	95	65-140	1	25	
p-Isopropyltoluene	41.7	2.0	ug/kg	49.6	ND	84	60-135	10	25	
Methylene chloride	47.2	20	ug/kg	49.6	ND	95	60-140	3	25	
Naphthalene	40.0	5.0	ug/kg	49.6	2.8	75	40-155	19	40	
n-Propylbenzene	45.6	2.0	ug/kg	49.6	ND	92	65-140	1	25	
Styrene	50.6	2.0	ug/kg	49.6	ND	102	70-140	3	25	
1,1,1,2-Tetrachloroethane	57.1	5.0	ug/kg	49.6	ND	115	70-140	0	20	
1,1,2,2-Tetrachloroethane	99.2	2.0	ug/kg	49.6	ND	200	45-155	66	30	*M1, R-3*
Tetrachloroethene	54.9	2.0	ug/kg	49.6	ND	111	65-135	1	25	
Toluene	46.4	2.0	ug/kg	49.6	ND	94	70-125	0	20	
1,2,3-Trichlorobenzene	26.7	5.0	ug/kg	49.6	ND	54	50-140	65	30	*M2, R-3*
1,2,4-Trichlorobenzene	31.0	5.0	ug/kg	49.6	ND	62	55-135	50	30	*R*
1,1,1-Trichloroethane	49.1	2.0	ug/kg	49.6	ND	99	65-140	2	20	
1,1,2-Trichloroethane	53.8	2.0	ug/kg	49.6	ND	108	65-135	5	30	
Trichloroethene	51.5	2.0	ug/kg	49.6	ND	104	70-135	1	25	
Trichlorofluoromethane	53.7	5.0	ug/kg	49.6	ND	108	50-150	2	25	
1,2,3-Trichloropropane	49.5	10	ug/kg	49.6	ND	100	55-145	3	30	
1,2,4-Trimethylbenzene	45.2	2.0	ug/kg	49.6	ND	91	65-135	2	25	
1,3,5-Trimethylbenzene	46.3	2.0	ug/kg	49.6	ND	93	70-130	1	25	
Vinyl chloride	40.2	5.0	ug/kg	49.6	ND	81	50-135	4	30	
o-Xylene	48.5	2.0	ug/kg	49.6	ND	98	70-125	4	25	
m,p-Xylenes	99.6	2.0	ug/kg	99.2	ND	100	70-125	2	25	
Di-isopropyl Ether (DIPE)	44.9	5.0	ug/kg	49.6	ND	91	60-145	1	25	
Ethyl tert-Butyl Ether (ETBE)	39.7	5.0	ug/kg	49.6	ND	80	60-140	1	30	
tert-Amyl Methyl Ether (TAME)	43.6	5.0	ug/kg	49.6	ND	88	60-145	2	25	
Methyl-tert-butyl Ether (MTBE)	46.7	5.0	ug/kg	49.6	ND	94	55-150	0	35	
tert-Butanol (TBA)	239	100	ug/kg	248	ND	96	65-140	7	30	
Surrogate: Dibromofluoromethane	*51.3*		*ug/kg*	*49.6*		*103*	*80-125*			
Surrogate: Toluene-d8	*50.6*		*ug/kg*	*49.6*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*61.3*		*ug/kg*	*49.6*		*124*	*80-120*			*A-01*

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

DATA QUALIFIERS AND DEFINITIONS

A-01	Matrix interference. Confirmed with source ran on #44, 06/30/05.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-3	The RPD exceeded the method control limit due to sample matrix effects.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

Del Mar Analytical, Irvine
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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015 MOD.	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

IOF2161

SAMPLE COLLECTOR: LFR LEVINE•FRICKE
3150 Bristol Street, Suite 250
Costa Mesa, California 92626
(714) 444-0111, Fax (714) 444-0117

PROJECT NO.: 002-10311.00
SECTION NO.: 0300
DATE: 6-30-05
SAMPLER'S INITIALS: BTW
SERIAL NO.: 03272
PROJECT NAME: Ameron
SAMPLER (Signature): [signature]

	SAMPLE							ANALYSES																			
	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	TYPE: Soil	TYPE: Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260B/5035)	BTEX / MTBE (8260)	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)				TAT: Standard 5 DAY	RUSH: 24Hr	HOLD	REMARKS
1	DSA-NW-3'	6-30-05	10:45		4	X				X	X									X			QUESTIONS,
2	DSA-EW-5'		10:50		4	X				X	X									X			COMMENTS
3	DSA-WW-6'		11:05		4	X				X	X									X			RESULTS TO
4	DSA-BOT-30'		12:30		4	X				X	X										X		MELISSA SCHUETZ
5	DSA-SW-8'		12:40	WC	4	X				X	X									X			@ LFR
6	FBEX-BOT-1-5'		12:00		3	X				X										X			* ALL DSA-X-
7	FBEX-BOT-2-5'		12:05		3	X				X										X			PLEASE RELOAD
8	FBEX-WW-3'		12:10		3	X				X										X			AS DSA-EX-*-
9	FBEX-BOT-3-5'		12:13		3	X				X										X			
10	FBEX-NW-3'		12:15		3	X				X										X			
11	FBEX-EW-3'		12:17		3	X				X										X			
12	FBEX-SW-3'		12:25		3	X				X										X			
13	DUP-1-063005		—		3	X				X										X			
14																							
15																							

SAMPLE RECEIPT: ☒ Intact ☐ Cold ☐ On Ice ☐ Ambient
Cooler Temp:
Cooler No:
Preservative Correct? ☐ Yes ☐ No ☐ N/A

METHOD OF SHIPMENT: Courier
LAB REPORT NO.:
FAX COC CONFIRMATION TO: M. Schuetz

RELINQUISHED BY: 1 [signature] 6/30/05
(SIGNATURE) (DATE)
BRIAN T. WHITE 1350
(PRINTED NAME) (TIME)
LFR
(COMPANY)

RELINQUISHED BY: 2 [signature] 6/30/05
(SIGNATURE) (DATE)
EMILIO ALVAREZ 19:35
(PRINTED NAME) (TIME)
DELMAR AN
(COMPANY)

RELINQUISHED BY: 3
(SIGNATURE) (DATE)
(PRINTED NAME) (TIME)
(COMPANY)

ANALYTICAL LABORATORY: DEL MAR

FAX RESULTS TO:
SEND HARDCOPY TO: ✓
SEND EDD TO:

RECEIVED BY: 1 [signature] Courier
(SIGNATURE) (DATE)
EMILIO ALVAREZ 6/30/05
(PRINTED NAME) (TIME)
DELMAR AN. 1350
(COMPANY)

RECEIVED BY: 2 [signature]
(SIGNATURE) (DATE)
WILL KIM 6/30/05
(PRINTED NAME) (TIME)
DMAT 19:35
(COMPANY)

RECEIVED BY (LABORATORY): 3
(SIGNATURE) (DATE)
(PRINTED NAME) (TIME)
(LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO: 2001/COC/TWT

(6) intact 4°C

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LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: Ameron, 002-10311.00

Sampled: 06/30/05
Received: 06/30/05
Issued: 07/12/05 11:20

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS:

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOF2161-01	DSA-NW-3'	Soil
IOF2161-02	DSA-EW-5'	Soil
IOF2161-03	DSA-WW-6'	Soil
IOF2161-04	DSA-BOT-30'	Soil
IOF2161-05	DSA-SW-8'	Soil
IOF2161-06	FBEX-BOT-1-5'	Soil
IOF2161-07	FBEX-BOT-2-5'	Soil
IOF2161-08	FBEX-WW-3'	Soil
IOF2161-09	FBEX-BOT-3-5'	Soil
IOF2161-10	FBEX-NW-3'	Soil
IOF2161-11	FBEX-EW-3'	Soil

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

Del Mar Analytical

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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

LABORATORY ID	CLIENT ID	MATRIX
IOF2161-12	FBEX-SW-3'	Soil
IOF2161-13	DUP-1-063005	Soil

Reviewed By:

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-01 (DSA-NW-3' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Bromobenzene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Bromochloromethane	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Bromodichloromethane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Bromoform	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Bromomethane	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
n-Butylbenzene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
sec-Butylbenzene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
tert-Butylbenzene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Carbon tetrachloride	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Chlorobenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Chloroethane	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Chloroform	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Chloromethane	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
2-Chlorotoluene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
4-Chlorotoluene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Dibromochloromethane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Dibromomethane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,2-Dichlorobenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,3-Dichlorobenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,4-Dichlorobenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Dichlorodifluoromethane	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
1,1-Dichloroethane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,2-Dichloroethane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,1-Dichloroethene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,2-Dichloropropane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,3-Dichloropropane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
2,2-Dichloropropane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,1-Dichloropropene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Ethylbenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Hexachlorobutadiene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Isopropylbenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
p-Isopropyltoluene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Methylene chloride	EPA 8260B	5G02013	20	ND	0.942	7/2/2005	7/2/2005	
Naphthalene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	

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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-01 (DSA-NW-3' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Styrene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Tetrachloroethene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Toluene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
1,1,1-Trichloroethane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,1,2-Trichloroethane	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Trichloroethene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Trichlorofluoromethane	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
1,2,3-Trichloropropane	EPA 8260B	5G02013	10	ND	0.942	7/2/2005	7/2/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Vinyl chloride	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
o-Xylene	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
m,p-Xylenes	EPA 8260B	5G02013	2.0	ND	0.942	7/2/2005	7/2/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G02013	5.0	ND	0.942	7/2/2005	7/2/2005	
tert-Butanol (TBA)	EPA 8260B	5G02013	100	ND	0.942	7/2/2005	7/2/2005	
Surrogate: Dibromofluoromethane (80-125%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				

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Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-02 (DSA-EW-5' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Bromobenzene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Bromochloromethane	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Bromodichloromethane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Bromoform	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Bromomethane	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
n-Butylbenzene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
sec-Butylbenzene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
tert-Butylbenzene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Carbon tetrachloride	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Chlorobenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Chloroethane	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Chloroform	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Chloromethane	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
2-Chlorotoluene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
4-Chlorotoluene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Dibromochloromethane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Dibromomethane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,2-Dichlorobenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,3-Dichlorobenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,4-Dichlorobenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Dichlorodifluoromethane	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
1,1-Dichloroethane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,2-Dichloroethane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,1-Dichloroethene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,2-Dichloropropane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,3-Dichloropropane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
2,2-Dichloropropane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,1-Dichloropropene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Ethylbenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Hexachlorobutadiene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Isopropylbenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
p-Isopropyltoluene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Methylene chloride	EPA 8260B	5G02013	20	ND	1.09	7/2/2005	7/2/2005	
Naphthalene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	

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Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-02 (DSA-EW-5' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Styrene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Tetrachloroethene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Toluene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
1,1,1-Trichloroethane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,1,2-Trichloroethane	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Trichloroethene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Trichlorofluoromethane	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
1,2,3-Trichloropropane	EPA 8260B	5G02013	10	ND	1.09	7/2/2005	7/2/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Vinyl chloride	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
o-Xylene	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
m,p-Xylenes	EPA 8260B	5G02013	2.0	ND	1.09	7/2/2005	7/2/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G02013	5.0	ND	1.09	7/2/2005	7/2/2005	
tert-Butanol (TBA)	EPA 8260B	5G02013	100	ND	1.09	7/2/2005	7/2/2005	
Surrogate: Dibromofluoromethane (80-125%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

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Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-03 (DSA-WW-6' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Bromobenzene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Bromochloromethane	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Bromodichloromethane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Bromoform	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Bromomethane	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
n-Butylbenzene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
sec-Butylbenzene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
tert-Butylbenzene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Carbon tetrachloride	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Chlorobenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Chloroethane	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Chloroform	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Chloromethane	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
2-Chlorotoluene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
4-Chlorotoluene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Dibromochloromethane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Dibromomethane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,2-Dichlorobenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,3-Dichlorobenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,4-Dichlorobenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Dichlorodifluoromethane	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
1,1-Dichloroethane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,2-Dichloroethane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,1-Dichloroethene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,2-Dichloropropane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,3-Dichloropropane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
2,2-Dichloropropane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,1-Dichloropropene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Ethylbenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Hexachlorobutadiene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Isopropylbenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
p-Isopropyltoluene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Methylene chloride	EPA 8260B	5G01032	20	ND	0.969	7/1/2005	7/1/2005	
Naphthalene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	

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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-03 (DSA-WW-6' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Styrene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Tetrachloroethene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Toluene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
1,1,1-Trichloroethane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,1,2-Trichloroethane	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Trichloroethene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Trichlorofluoromethane	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
1,2,3-Trichloropropane	EPA 8260B	5G01032	10	ND	0.969	7/1/2005	7/1/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Vinyl chloride	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
o-Xylene	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
m,p-Xylenes	EPA 8260B	5G01032	2.0	ND	0.969	7/1/2005	7/1/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G01032	5.0	ND	0.969	7/1/2005	7/1/2005	
tert-Butanol (TBA)	EPA 8260B	5G01032	100	ND	0.969	7/1/2005	7/1/2005	
Surrogate: Dibromofluoromethane (80-125%)				*112 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

Del Mar Analytical, Irvine
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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-04 (DSA-BOT-30' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Bromobenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Bromochloromethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Bromodichloromethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Bromoform	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Bromomethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
n-Butylbenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
sec-Butylbenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
tert-Butylbenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Carbon tetrachloride	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Chlorobenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Chloroethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Chloroform	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Chloromethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
2-Chlorotoluene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
4-Chlorotoluene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Dibromochloromethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Dibromomethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dichlorobenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,3-Dichlorobenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,4-Dichlorobenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Dichlorodifluoromethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,1-Dichloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dichloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,1-Dichloroethene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2-Dichloropropane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,3-Dichloropropane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
2,2-Dichloropropane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,1-Dichloropropene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Ethylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Hexachlorobutadiene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Isopropylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
p-Isopropyltoluene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Methylene chloride	EPA 8260B	5G01025	20	ND	0.986	7/1/2005	7/1/2005	
Naphthalene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	

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Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-04 (DSA-BOT-30' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Styrene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Tetrachloroethene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Toluene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,1,1-Trichloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,1,2-Trichloroethane	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Trichloroethene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Trichlorofluoromethane	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
1,2,3-Trichloropropane	EPA 8260B	5G01025	10	ND	0.986	7/1/2005	7/1/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Vinyl chloride	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
o-Xylene	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
m,p-Xylenes	EPA 8260B	5G01025	2.0	ND	0.986	7/1/2005	7/1/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G01025	5.0	ND	0.986	7/1/2005	7/1/2005	
tert-Butanol (TBA)	EPA 8260B	5G01025	100	ND	0.986	7/1/2005	7/1/2005	
Surrogate: Dibromofluoromethane (80-125%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

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Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-05 (DSA-SW-8' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Bromobenzene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Bromochloromethane	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Bromodichloromethane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Bromoform	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Bromomethane	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
n-Butylbenzene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
sec-Butylbenzene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
tert-Butylbenzene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Carbon tetrachloride	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Chlorobenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Chloroethane	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Chloroform	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Chloromethane	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
2-Chlorotoluene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
4-Chlorotoluene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Dibromochloromethane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Dibromomethane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,2-Dichlorobenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,3-Dichlorobenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,4-Dichlorobenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Dichlorodifluoromethane	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
1,1-Dichloroethane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,2-Dichloroethane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,1-Dichloroethene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,2-Dichloropropane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,3-Dichloropropane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
2,2-Dichloropropane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,1-Dichloropropene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Ethylbenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Hexachlorobutadiene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Isopropylbenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
p-Isopropyltoluene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Methylene chloride	EPA 8260B	5G01032	20	ND	1.03	7/1/2005	7/1/2005	
Naphthalene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	

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Wendy Kirkeeng For Patty Mata
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LFR Levine Fricke
3150 Bristol Street, Suite 250
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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-05 (DSA-SW-8' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Styrene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Tetrachloroethene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Toluene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
1,1,1-Trichloroethane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,1,2-Trichloroethane	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Trichloroethene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Trichlorofluoromethane	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
1,2,3-Trichloropropane	EPA 8260B	5G01032	10	ND	1.03	7/1/2005	7/1/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Vinyl chloride	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
o-Xylene	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
m,p-Xylenes	EPA 8260B	5G01032	2.0	ND	1.03	7/1/2005	7/1/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G01032	5.0	ND	1.03	7/1/2005	7/1/2005	
tert-Butanol (TBA)	EPA 8260B	5G01032	100	ND	1.03	7/1/2005	7/1/2005	
Surrogate: Dibromofluoromethane (80-125%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*108 %*				

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Wendy Kirkeeng For Patty Mata
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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-01 (DSA-NW-3' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*79 %*					
Sample ID: IOF2161-02 (DSA-EW-5' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*75 %*					

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Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-03 (DSA-WW-6' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*78 %*					
Sample ID: IOF2161-04 (DSA-BOT-30' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	**13**	0.999	100	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	**2.0**	0.999	15	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	**1.9**	0.999	15	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	**2.3**	0.999	18	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	**1.9**	0.999	15	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	0.999	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*49 %*					

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HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-05 (DSA-SW-8' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*90 %*					
Sample ID: IOF2161-06 (FBEX-BOT-1-5' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*90 %*					

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Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-07 (FBEX-BOT-2-5' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	**6.4**	1	100	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	**2.6**	1	41	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	**2.0**	1	31	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*84 %*					
Sample ID: IOF2161-08 (FBEX-WW-3' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	**40**	1	100	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	**1.9**	1	5	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	**2.4**	1	6	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	**3.0**	1	8	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	**3.4**	1	9	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	**4.0**	1	10	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	**7.1**	1	18	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	**7.2**	1	18	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	**9.2**	1	23	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*104 %*					

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Wendy Kirkeeng For Patty Mata
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Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-09 (FBEX-BOT-3-5' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*76 %*					
Sample ID: IOF2161-10 (FBEX-NW-3' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*73 %*					

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Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-11 (FBEX-EW-3' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	0.998	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*66 %*					
Sample ID: IOF2161-12 (FBEX-SW-3' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	**7.5**	1	100	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	1	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*84 %*					

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Sampled: 06/30/05
Received: 06/30/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2161-13 (DUP-1-063005 - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5G01049	5.0	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5G01049	1.8	ND	0.997	N/A	7/1/2005	7/1/2005	
Surrogate: n-Octacosane (40-130%)				*77 %*					

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METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01049 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01049-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*4.51*		*mg/kg*	*6.67*		*68*	*40-130*			
LCS Analyzed: 07/01/2005 (5G01049-BS1)										
EFH (C8 - C40)	24.2	5.0	mg/kg	33.3		73	40-120			
Surrogate: n-Octacosane	*4.79*		*mg/kg*	*6.67*		*72*	*40-130*			
Matrix Spike Analyzed: 07/01/2005 (5G01049-MS1)					**Source: IOF2144-03**					
EFH (C8 - C40)	19.6	5.0	mg/kg	33.3	ND	59	30-125			
Surrogate: n-Octacosane	*3.83*		*mg/kg*	*6.65*		*58*	*40-130*			
Matrix Spike Dup Analyzed: 07/01/2005 (5G01049-MSD1)					**Source: IOF2144-03**					
EFH (C8 - C40)	23.0	5.0	mg/kg	33.4	ND	69	30-125	16	30	
Surrogate: n-Octacosane	*3.37*		*mg/kg*	*6.68*		*50*	*40-130*			

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LFR Levine Fricke
3150 Bristol Street, Suite 250
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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01025-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01025-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*52.7*		*ug/kg*	*50.0*		*105*	*80-125*			
Surrogate: Toluene-d8	*50.7*		*ug/kg*	*50.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
LCS Analyzed: 07/01/2005 (5G01025-BS1)										
Benzene	37.8	2.0	ug/kg	50.0		76	65-120			
Bromobenzene	45.1	5.0	ug/kg	50.0		90	70-120			
Bromochloromethane	46.2	5.0	ug/kg	50.0		92	65-130			
Bromodichloromethane	45.5	2.0	ug/kg	50.0		91	65-135			
Bromoform	44.4	5.0	ug/kg	50.0		89	50-135			
Bromomethane	52.3	5.0	ug/kg	50.0		105	60-145			
n-Butylbenzene	40.0	5.0	ug/kg	50.0		80	70-125			
sec-Butylbenzene	40.5	5.0	ug/kg	50.0		81	70-125			
tert-Butylbenzene	45.1	5.0	ug/kg	50.0		90	70-125			
Carbon tetrachloride	53.4	5.0	ug/kg	50.0		107	65-140			
Chlorobenzene	48.2	2.0	ug/kg	50.0		96	70-125			
Chloroethane	43.6	5.0	ug/kg	50.0		87	55-140			
Chloroform	44.9	2.0	ug/kg	50.0		90	65-130			
Chloromethane	34.8	5.0	ug/kg	50.0		70	40-140			
2-Chlorotoluene	42.1	5.0	ug/kg	50.0		84	70-125			
4-Chlorotoluene	42.8	5.0	ug/kg	50.0		86	70-125			
Dibromochloromethane	53.3	2.0	ug/kg	50.0		107	65-140			
1,2-Dibromo-3-chloropropane	30.5	5.0	ug/kg	50.0		61	45-140			
1,2-Dibromoethane (EDB)	48.8	2.0	ug/kg	50.0		98	70-130			
Dibromomethane	45.1	2.0	ug/kg	50.0		90	65-130			
1,2-Dichlorobenzene	41.1	2.0	ug/kg	50.0		82	70-120			
1,3-Dichlorobenzene	43.3	2.0	ug/kg	50.0		87	70-125			
1,4-Dichlorobenzene	42.4	2.0	ug/kg	50.0		85	70-125			
Dichlorodifluoromethane	44.4	5.0	ug/kg	50.0		89	25-155			
1,1-Dichloroethane	41.0	2.0	ug/kg	50.0		82	65-130			
1,2-Dichloroethane	46.9	2.0	ug/kg	50.0		94	60-140			
1,1-Dichloroethene	45.2	5.0	ug/kg	50.0		90	70-130			
cis-1,2-Dichloroethene	40.3	2.0	ug/kg	50.0		81	65-125			
trans-1,2-Dichloroethene	42.2	2.0	ug/kg	50.0		84	65-130			
1,2-Dichloropropane	38.2	2.0	ug/kg	50.0		76	65-125			
1,3-Dichloropropane	44.4	2.0	ug/kg	50.0		89	65-125			
2,2-Dichloropropane	30.7	2.0	ug/kg	50.0		61	60-145			
1,1-Dichloropropene	43.7	2.0	ug/kg	50.0		87	70-130			
cis-1,3-Dichloropropene	43.3	2.0	ug/kg	50.0		87	70-130			
trans-1,3-Dichloropropene	45.7	2.0	ug/kg	50.0		91	65-135			

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Attention: Melissa Schuetz

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Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
LCS Analyzed: 07/01/2005 (5G01025-BS1)										
Ethylbenzene	44.7	2.0	ug/kg	50.0		89	70-125			
Hexachlorobutadiene	40.6	5.0	ug/kg	50.0		81	60-135			
Isopropylbenzene	44.6	2.0	ug/kg	50.0		89	70-125			
p-Isopropyltoluene	42.8	2.0	ug/kg	50.0		86	70-125			
Methylene chloride	40.2	20	ug/kg	50.0		80	60-130			
Naphthalene	34.1	5.0	ug/kg	50.0		68	50-140			
n-Propylbenzene	42.7	2.0	ug/kg	50.0		85	70-125			
Styrene	45.7	2.0	ug/kg	50.0		91	70-130			
1,1,1,2-Tetrachloroethane	50.6	5.0	ug/kg	50.0		101	70-135			
1,1,2,2-Tetrachloroethane	42.4	2.0	ug/kg	50.0		85	55-140			
Tetrachloroethene	48.8	2.0	ug/kg	50.0		98	65-125			
Toluene	39.7	2.0	ug/kg	50.0		79	70-125			
1,2,3-Trichlorobenzene	38.3	5.0	ug/kg	50.0		77	60-130			
1,2,4-Trichlorobenzene	36.2	5.0	ug/kg	50.0		72	65-135			
1,1,1-Trichloroethane	45.7	2.0	ug/kg	50.0		91	65-135			
1,1,2-Trichloroethane	42.0	2.0	ug/kg	50.0		84	65-130			
Trichloroethene	44.8	2.0	ug/kg	50.0		90	70-125			
Trichlorofluoromethane	52.4	5.0	ug/kg	50.0		105	60-140			
1,2,3-Trichloropropane	42.8	10	ug/kg	50.0		86	55-135			
1,2,4-Trimethylbenzene	42.5	2.0	ug/kg	50.0		85	70-125			
1,3,5-Trimethylbenzene	43.5	2.0	ug/kg	50.0		87	70-125			
Vinyl chloride	39.1	5.0	ug/kg	50.0		78	50-130			
o-Xylene	44.2	2.0	ug/kg	50.0		88	70-125			
m,p-Xylenes	90.6	2.0	ug/kg	100		91	70-125			
Di-isopropyl Ether (DIPE)	37.7	5.0	ug/kg	50.0		75	60-135			
Ethyl tert-Butyl Ether (ETBE)	34.1	5.0	ug/kg	50.0		68	60-135			
tert-Amyl Methyl Ether (TAME)	37.2	5.0	ug/kg	50.0		74	60-140			
Methyl-tert-butyl Ether (MTBE)	40.4	5.0	ug/kg	50.0		81	55-140			
tert-Butanol (TBA)	225	100	ug/kg	250		90	65-135			
Surrogate: Dibromofluoromethane	*51.7*		*ug/kg*	*50.0*		*103*	*80-125*			
Surrogate: Toluene-d8	*50.9*		*ug/kg*	*50.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Analyzed: 07/01/2005 (5G01025-MS1)					**Source: IOF1950-03RE1**					
Benzene	44.7	2.0	ug/kg	49.9	ND	90	65-130			
Bromobenzene	48.9	5.0	ug/kg	49.9	ND	98	70-135			
Bromochloromethane	53.5	5.0	ug/kg	49.9	ND	107	65-140			
Bromodichloromethane	51.2	2.0	ug/kg	49.9	ND	103	65-140			
Bromoform	49.5	5.0	ug/kg	49.9	ND	99	50-140			
Bromomethane	55.7	5.0	ug/kg	49.9	ND	112	55-150			
n-Butylbenzene	42.8	5.0	ug/kg	49.9	ND	86	55-140			
sec-Butylbenzene	43.3	5.0	ug/kg	49.9	0.88	85	65-130			
tert-Butylbenzene	48.1	5.0	ug/kg	49.9	ND	96	65-135			
Carbon tetrachloride	58.1	5.0	ug/kg	49.9	ND	116	65-140			
Chlorobenzene	55.0	2.0	ug/kg	49.9	ND	110	70-125			
Chloroethane	45.8	5.0	ug/kg	49.9	ND	92	55-145			
Chloroform	50.4	2.0	ug/kg	49.9	ND	101	65-130			
Chloromethane	35.3	5.0	ug/kg	49.9	ND	71	35-140			
2-Chlorotoluene	44.8	5.0	ug/kg	49.9	ND	90	65-130			
4-Chlorotoluene	45.2	5.0	ug/kg	49.9	ND	91	70-130			
Dibromochloromethane	59.6	2.0	ug/kg	49.9	ND	119	65-140			
1,2-Dibromo-3-chloropropane	41.7	5.0	ug/kg	49.9	ND	84	45-145			
1,2-Dibromoethane (EDB)	55.9	2.0	ug/kg	49.9	ND	112	65-135			
Dibromomethane	52.5	2.0	ug/kg	49.9	ND	105	65-135			
1,2-Dichlorobenzene	46.5	2.0	ug/kg	49.9	ND	93	70-130			
1,3-Dichlorobenzene	47.4	2.0	ug/kg	49.9	ND	95	70-125			
1,4-Dichlorobenzene	46.4	2.0	ug/kg	49.9	ND	93	70-125			
Dichlorodifluoromethane	42.4	5.0	ug/kg	49.9	ND	85	25-155			
1,1-Dichloroethane	46.8	2.0	ug/kg	49.9	ND	94	65-130			
1,2-Dichloroethane	51.1	2.0	ug/kg	49.9	ND	102	60-145			
1,1-Dichloroethene	51.0	5.0	ug/kg	49.9	ND	102	65-135			
cis-1,2-Dichloroethene	47.4	2.0	ug/kg	49.9	ND	95	65-130			
trans-1,2-Dichloroethene	48.7	2.0	ug/kg	49.9	ND	98	65-135			
1,2-Dichloropropane	46.2	2.0	ug/kg	49.9	ND	93	65-125			
1,3-Dichloropropane	51.1	2.0	ug/kg	49.9	ND	102	65-135			
2,2-Dichloropropane	35.4	2.0	ug/kg	49.9	ND	71	60-145			
1,1-Dichloropropene	48.9	2.0	ug/kg	49.9	ND	98	65-135			
cis-1,3-Dichloropropene	50.2	2.0	ug/kg	49.9	ND	101	70-130			
trans-1,3-Dichloropropene	52.6	2.0	ug/kg	49.9	ND	105	65-140			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Analyzed: 07/01/2005 (5G01025-MS1)					**Source: IOF1950-03RE1**					
Ethylbenzene	50.7	2.0	ug/kg	49.9	ND	102	70-130			
Hexachlorobutadiene	39.6	5.0	ug/kg	49.9	1.9	76	55-140			
Isopropylbenzene	47.0	2.0	ug/kg	49.9	ND	94	65-140			
p-Isopropyltoluene	46.3	2.0	ug/kg	49.9	ND	93	60-135			
Methylene chloride	45.8	20	ug/kg	49.9	ND	92	60-140			
Naphthalene	48.2	5.0	ug/kg	49.9	2.8	91	40-155			
n-Propylbenzene	45.0	2.0	ug/kg	49.9	ND	90	65-140			
Styrene	52.0	2.0	ug/kg	49.9	ND	104	70-140			
1,1,1,2-Tetrachloroethane	57.2	5.0	ug/kg	49.9	ND	115	70-140			
1,1,2,2-Tetrachloroethane	49.7	2.0	ug/kg	49.9	ND	100	45-155			
Tetrachloroethene	54.6	2.0	ug/kg	49.9	ND	109	65-135			
Toluene	46.2	2.0	ug/kg	49.9	ND	93	70-125			
1,2,3-Trichlorobenzene	52.7	5.0	ug/kg	49.9	ND	106	50-140			
1,2,4-Trichlorobenzene	51.9	5.0	ug/kg	49.9	ND	104	55-135			
1,1,1-Trichloroethane	50.3	2.0	ug/kg	49.9	ND	101	65-140			
1,1,2-Trichloroethane	51.0	2.0	ug/kg	49.9	ND	102	65-135			
Trichloroethene	52.1	2.0	ug/kg	49.9	ND	104	70-135			
Trichlorofluoromethane	55.0	5.0	ug/kg	49.9	ND	110	50-150			
1,2,3-Trichloropropane	48.2	10	ug/kg	49.9	ND	97	55-145			
1,2,4-Trimethylbenzene	46.1	2.0	ug/kg	49.9	ND	92	65-135			
1,3,5-Trimethylbenzene	46.8	2.0	ug/kg	49.9	ND	94	70-130			
Vinyl chloride	42.0	5.0	ug/kg	49.9	ND	84	50-135			
o-Xylene	50.5	2.0	ug/kg	49.9	ND	101	70-125			
m,p-Xylenes	102	2.0	ug/kg	99.8	ND	102	70-125			
Di-isopropyl Ether (DIPE)	44.5	5.0	ug/kg	49.9	ND	89	60-145			
Ethyl tert-Butyl Ether (ETBE)	40.1	5.0	ug/kg	49.9	ND	80	60-140			
tert-Amyl Methyl Ether (TAME)	44.6	5.0	ug/kg	49.9	ND	89	60-145			
Methyl-tert-butyl Ether (MTBE)	46.9	5.0	ug/kg	49.9	ND	94	55-150			
tert-Butanol (TBA)	256	100	ug/kg	250	ND	102	65-140			
Surrogate: Dibromofluoromethane	*50.9*		*ug/kg*	*49.9*		*102*	*80-125*			
Surrogate: Toluene-d8	*51.3*		*ug/kg*	*49.9*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*56.1*		*ug/kg*	*49.9*		*112*	*80-120*			

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Dup Analyzed: 07/01/2005 (5G01025-MSD1)					**Source: IOF1950-03RE1**					
Benzene	44.4	2.0	ug/kg	49.6	ND	90	65-130	1	20	
Bromobenzene	49.3	5.0	ug/kg	49.6	ND	99	70-135	1	25	
Bromochloromethane	54.6	5.0	ug/kg	49.6	ND	110	65-140	2	25	
Bromodichloromethane	52.5	2.0	ug/kg	49.6	ND	106	65-140	3	20	
Bromoform	50.6	5.0	ug/kg	49.6	ND	102	50-140	2	30	
Bromomethane	55.2	5.0	ug/kg	49.6	ND	111	55-150	1	25	
n-Butylbenzene	40.8	5.0	ug/kg	49.6	ND	82	55-140	5	30	
sec-Butylbenzene	40.8	5.0	ug/kg	49.6	0.88	80	65-130	6	25	
tert-Butylbenzene	45.3	5.0	ug/kg	49.6	ND	91	65-135	6	25	
Carbon tetrachloride	54.9	5.0	ug/kg	49.6	ND	111	65-140	6	25	
Chlorobenzene	54.7	2.0	ug/kg	49.6	ND	110	70-125	1	25	
Chloroethane	46.8	5.0	ug/kg	49.6	ND	94	55-145	2	25	
Chloroform	50.7	2.0	ug/kg	49.6	ND	102	65-130	1	20	
Chloromethane	36.3	5.0	ug/kg	49.6	ND	73	35-140	3	25	
2-Chlorotoluene	45.8	5.0	ug/kg	49.6	ND	92	65-130	2	25	
4-Chlorotoluene	45.2	5.0	ug/kg	49.6	ND	91	70-130	0	25	
Dibromochloromethane	61.2	2.0	ug/kg	49.6	ND	123	65-140	3	25	
1,2-Dibromo-3-chloropropane	42.9	5.0	ug/kg	49.6	ND	86	45-145	3	30	
1,2-Dibromoethane (EDB)	59.1	2.0	ug/kg	49.6	ND	119	65-135	6	25	
Dibromomethane	52.8	2.0	ug/kg	49.6	ND	106	65-135	1	25	
1,2-Dichlorobenzene	32.8	2.0	ug/kg	49.6	ND	66	70-130	35	25	*M2, R-3*
1,3-Dichlorobenzene	45.3	2.0	ug/kg	49.6	ND	91	70-125	5	25	
1,4-Dichlorobenzene	43.8	2.0	ug/kg	49.6	ND	88	70-125	6	25	
Dichlorodifluoromethane	41.6	5.0	ug/kg	49.6	ND	84	25-155	2	35	
1,1-Dichloroethane	46.8	2.0	ug/kg	49.6	ND	94	65-130	0	25	
1,2-Dichloroethane	50.2	2.0	ug/kg	49.6	ND	101	60-145	2	25	
1,1-Dichloroethene	51.5	5.0	ug/kg	49.6	ND	104	65-135	1	25	
cis-1,2-Dichloroethene	47.6	2.0	ug/kg	49.6	ND	96	65-130	0	25	
trans-1,2-Dichloroethene	49.8	2.0	ug/kg	49.6	ND	100	65-135	2	25	
1,2-Dichloropropane	46.0	2.0	ug/kg	49.6	ND	93	65-125	0	20	
1,3-Dichloropropane	51.8	2.0	ug/kg	49.6	ND	104	65-135	1	25	
2,2-Dichloropropane	33.2	2.0	ug/kg	49.6	ND	67	60-145	6	25	
1,1-Dichloropropene	48.3	2.0	ug/kg	49.6	ND	97	65-135	1	20	
cis-1,3-Dichloropropene	50.3	2.0	ug/kg	49.6	ND	101	70-130	0	25	
trans-1,3-Dichloropropene	52.7	2.0	ug/kg	49.6	ND	106	65-140	0	25	

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Project ID: Ameron, 002-10311.00

Report Number: IOF2161

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Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Dup Analyzed: 07/01/2005 (5G01025-MSD1)					**Source: IOF1950-03RE1**					
Ethylbenzene	50.2	2.0	ug/kg	49.6	ND	101	70-130	1	25	
Hexachlorobutadiene	13.1	5.0	ug/kg	49.6	1.9	23	55-140	101	35	*M2, R-3*
Isopropylbenzene	47.3	2.0	ug/kg	49.6	ND	95	65-140	1	25	
p-Isopropyltoluene	41.7	2.0	ug/kg	49.6	ND	84	60-135	10	25	
Methylene chloride	47.2	20	ug/kg	49.6	ND	95	60-140	3	25	
Naphthalene	40.0	5.0	ug/kg	49.6	2.8	75	40-155	19	40	
n-Propylbenzene	45.6	2.0	ug/kg	49.6	ND	92	65-140	1	25	
Styrene	50.6	2.0	ug/kg	49.6	ND	102	70-140	3	25	
1,1,1,2-Tetrachloroethane	57.1	5.0	ug/kg	49.6	ND	115	70-140	0	20	
1,1,2,2-Tetrachloroethane	99.2	2.0	ug/kg	49.6	ND	200	45-155	66	30	*M1, R-3*
Tetrachloroethene	54.9	2.0	ug/kg	49.6	ND	111	65-135	1	25	
Toluene	46.4	2.0	ug/kg	49.6	ND	94	70-125	0	20	
1,2,3-Trichlorobenzene	26.7	5.0	ug/kg	49.6	ND	54	50-140	65	30	*M2, R-3*
1,2,4-Trichlorobenzene	31.0	5.0	ug/kg	49.6	ND	62	55-135	50	30	*R*
1,1,1-Trichloroethane	49.1	2.0	ug/kg	49.6	ND	99	65-140	2	20	
1,1,2-Trichloroethane	53.8	2.0	ug/kg	49.6	ND	108	65-135	5	30	
Trichloroethene	51.5	2.0	ug/kg	49.6	ND	104	70-135	1	25	
Trichlorofluoromethane	53.7	5.0	ug/kg	49.6	ND	108	50-150	2	25	
1,2,3-Trichloropropane	49.5	10	ug/kg	49.6	ND	100	55-145	3	30	
1,2,4-Trimethylbenzene	45.2	2.0	ug/kg	49.6	ND	91	65-135	2	25	
1,3,5-Trimethylbenzene	46.3	2.0	ug/kg	49.6	ND	93	70-130	1	25	
Vinyl chloride	40.2	5.0	ug/kg	49.6	ND	81	50-135	4	30	
o-Xylene	48.5	2.0	ug/kg	49.6	ND	98	70-125	4	25	
m,p-Xylenes	99.6	2.0	ug/kg	99.2	ND	100	70-125	2	25	
Di-isopropyl Ether (DIPE)	44.9	5.0	ug/kg	49.6	ND	91	60-145	1	25	
Ethyl tert-Butyl Ether (ETBE)	39.7	5.0	ug/kg	49.6	ND	80	60-140	1	30	
tert-Amyl Methyl Ether (TAME)	43.6	5.0	ug/kg	49.6	ND	88	60-145	2	25	
Methyl-tert-butyl Ether (MTBE)	46.7	5.0	ug/kg	49.6	ND	94	55-150	0	35	
tert-Butanol (TBA)	239	100	ug/kg	248	ND	96	65-140	7	30	
Surrogate: Dibromofluoromethane	*51.3*		*ug/kg*	*49.6*		*103*	*80-125*			
Surrogate: Toluene-d8	*50.6*		*ug/kg*	*49.6*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*61.3*		*ug/kg*	*49.6*		*124*	*80-120*			*A-01*

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Report Number: IOF2161

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Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01032 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01032-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01032 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01032-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*50.5*		*ug/kg*	*50.0*		*101*	*80-125*			
Surrogate: Toluene-d8	*52.9*		*ug/kg*	*50.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*50.0*		*ug/kg*	*50.0*		*100*	*80-120*			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01032 Extracted: 07/01/05										
LCS Analyzed: 07/01/2005 (5G01032-BS1)										
Benzene	52.4	2.0	ug/kg	50.0		105	65-120			
Bromobenzene	52.6	5.0	ug/kg	50.0		105	70-120			
Bromochloromethane	47.5	5.0	ug/kg	50.0		95	65-130			
Bromodichloromethane	59.6	2.0	ug/kg	50.0		119	65-135			
Bromoform	50.2	5.0	ug/kg	50.0		100	50-135			
Bromomethane	55.5	5.0	ug/kg	50.0		111	60-145			
n-Butylbenzene	51.9	5.0	ug/kg	50.0		104	70-125			
sec-Butylbenzene	52.1	5.0	ug/kg	50.0		104	70-125			
tert-Butylbenzene	56.4	5.0	ug/kg	50.0		113	70-125			
Carbon tetrachloride	66.8	5.0	ug/kg	50.0		134	65-140			
Chlorobenzene	52.1	2.0	ug/kg	50.0		104	70-125			
Chloroethane	49.5	5.0	ug/kg	50.0		99	55-140			
Chloroform	55.9	2.0	ug/kg	50.0		112	65-130			
Chloromethane	41.1	5.0	ug/kg	50.0		82	40-140			
2-Chlorotoluene	55.9	5.0	ug/kg	50.0		112	70-125			
4-Chlorotoluene	56.3	5.0	ug/kg	50.0		113	70-125			
Dibromochloromethane	60.8	2.0	ug/kg	50.0		122	65-140			
1,2-Dibromo-3-chloropropane	51.3	5.0	ug/kg	50.0		103	45-140			
1,2-Dibromoethane (EDB)	54.2	2.0	ug/kg	50.0		108	70-130			
Dibromomethane	58.0	2.0	ug/kg	50.0		116	65-130			
1,2-Dichlorobenzene	52.0	2.0	ug/kg	50.0		104	70-120			
1,3-Dichlorobenzene	51.5	2.0	ug/kg	50.0		103	70-125			
1,4-Dichlorobenzene	50.5	2.0	ug/kg	50.0		101	70-125			
Dichlorodifluoromethane	65.9	5.0	ug/kg	50.0		132	25-155			
1,1-Dichloroethane	47.9	2.0	ug/kg	50.0		96	65-130			
1,2-Dichloroethane	61.2	2.0	ug/kg	50.0		122	60-140			
1,1-Dichloroethene	52.8	5.0	ug/kg	50.0		106	70-130			
cis-1,2-Dichloroethene	48.3	2.0	ug/kg	50.0		97	65-125			
trans-1,2-Dichloroethene	50.5	2.0	ug/kg	50.0		101	65-130			
1,2-Dichloropropane	47.8	2.0	ug/kg	50.0		96	65-125			
1,3-Dichloropropane	52.2	2.0	ug/kg	50.0		104	65-125			
2,2-Dichloropropane	52.2	2.0	ug/kg	50.0		104	60-145			
1,1-Dichloropropene	57.3	2.0	ug/kg	50.0		115	70-130			
cis-1,3-Dichloropropene	57.1	2.0	ug/kg	50.0		114	70-130			
trans-1,3-Dichloropropene	61.5	2.0	ug/kg	50.0		123	65-135			

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Wendy Kirkeeng For Patty Mata
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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01032 Extracted: 07/01/05										
LCS Analyzed: 07/01/2005 (5G01032-BS1)										
Ethylbenzene	58.7	2.0	ug/kg	50.0		117	70-125			
Hexachlorobutadiene	51.3	5.0	ug/kg	50.0		103	60-135			
Isopropylbenzene	56.3	2.0	ug/kg	50.0		113	70-125			
p-Isopropyltoluene	51.9	2.0	ug/kg	50.0		104	70-125			
Methylene chloride	47.9	20	ug/kg	50.0		96	60-130			
Naphthalene	41.9	5.0	ug/kg	50.0		84	50-140			
n-Propylbenzene	56.6	2.0	ug/kg	50.0		113	70-125			
Styrene	54.7	2.0	ug/kg	50.0		109	70-130			
1,1,1,2-Tetrachloroethane	58.9	5.0	ug/kg	50.0		118	70-135			
1,1,2,2-Tetrachloroethane	50.9	2.0	ug/kg	50.0		102	55-140			
Tetrachloroethene	56.3	2.0	ug/kg	50.0		113	65-125			
Toluene	54.8	2.0	ug/kg	50.0		110	70-125			
1,2,3-Trichlorobenzene	42.5	5.0	ug/kg	50.0		85	60-130			
1,2,4-Trichlorobenzene	45.9	5.0	ug/kg	50.0		92	65-135			
1,1,1-Trichloroethane	59.1	2.0	ug/kg	50.0		118	65-135			
1,1,2-Trichloroethane	52.5	2.0	ug/kg	50.0		105	65-130			
Trichloroethene	53.5	2.0	ug/kg	50.0		107	70-125			
Trichlorofluoromethane	62.2	5.0	ug/kg	50.0		124	60-140			
1,2,3-Trichloropropane	50.1	10	ug/kg	50.0		100	55-135			
1,2,4-Trimethylbenzene	55.4	2.0	ug/kg	50.0		111	70-125			
1,3,5-Trimethylbenzene	55.0	2.0	ug/kg	50.0		110	70-125			
Vinyl chloride	50.6	5.0	ug/kg	50.0		101	50-130			
o-Xylene	53.1	2.0	ug/kg	50.0		106	70-125			
m,p-Xylenes	107	2.0	ug/kg	100		107	70-125			
Di-isopropyl Ether (DIPE)	38.5	5.0	ug/kg	50.0		77	60-135			
Ethyl tert-Butyl Ether (ETBE)	45.6	5.0	ug/kg	50.0		91	60-135			
tert-Amyl Methyl Ether (TAME)	50.5	5.0	ug/kg	50.0		101	60-140			
Methyl-tert-butyl Ether (MTBE)	51.7	5.0	ug/kg	50.0		103	55-140			
tert-Butanol (TBA)	294	100	ug/kg	250		118	65-135			
Surrogate: Dibromofluoromethane	*50.6*		*ug/kg*	*50.0*		*101*	*80-125*			
Surrogate: Toluene-d8	*54.2*		*ug/kg*	*50.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*54.6*		*ug/kg*	*50.0*		*109*	*80-120*			

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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01032 Extracted: 07/01/05										
Matrix Spike Analyzed: 07/01/2005 (5G01032-MS1)					**Source: IOF1430-09**					
Benzene	65.6	2.0	ug/kg	50.7	ND	129	65-130			
Bromobenzene	74.8	5.0	ug/kg	50.7	ND	148	70-135			*M1*
Bromochloromethane	63.5	5.0	ug/kg	50.7	ND	125	65-140			
Bromodichloromethane	77.7	2.0	ug/kg	50.7	ND	153	65-140			*M1*
Bromoform	58.7	5.0	ug/kg	50.7	ND	116	50-140			
Bromomethane	70.6	5.0	ug/kg	50.7	ND	139	55-150			
n-Butylbenzene	54.9	5.0	ug/kg	50.7	ND	108	55-140			
sec-Butylbenzene	63.4	5.0	ug/kg	50.7	ND	125	65-130			
tert-Butylbenzene	73.8	5.0	ug/kg	50.7	ND	146	65-135			*M1*
Carbon tetrachloride	84.2	5.0	ug/kg	50.7	ND	166	65-140			*M1*
Chlorobenzene	64.9	2.0	ug/kg	50.7	ND	128	70-125			*M1*
Chloroethane	65.1	5.0	ug/kg	50.7	ND	128	55-145			
Chloroform	74.0	2.0	ug/kg	50.7	ND	146	65-130			*M1*
Chloromethane	52.6	5.0	ug/kg	50.7	ND	104	35-140			
2-Chlorotoluene	76.8	5.0	ug/kg	50.7	ND	151	65-130			*M1*
4-Chlorotoluene	76.6	5.0	ug/kg	50.7	ND	151	70-130			*M1*
Dibromochloromethane	78.1	2.0	ug/kg	50.7	ND	154	65-140			*M1*
1,2-Dibromo-3-chloropropane	67.8	5.0	ug/kg	50.7	ND	134	45-145			
1,2-Dibromoethane (EDB)	67.9	2.0	ug/kg	50.7	ND	134	65-135			
Dibromomethane	74.0	2.0	ug/kg	50.7	ND	146	65-135			*M1*
1,2-Dichlorobenzene	62.8	2.0	ug/kg	50.7	ND	124	70-130			
1,3-Dichlorobenzene	63.7	2.0	ug/kg	50.7	ND	126	70-125			*M1*
1,4-Dichlorobenzene	62.3	2.0	ug/kg	50.7	ND	123	70-125			
Dichlorodifluoromethane	86.9	5.0	ug/kg	50.7	ND	171	25-155			*M1*
1,1-Dichloroethane	63.7	2.0	ug/kg	50.7	ND	126	65-130			
1,2-Dichloroethane	80.1	2.0	ug/kg	50.7	ND	158	60-145			*M1*
1,1-Dichloroethene	68.4	5.0	ug/kg	50.7	ND	135	65-135			
cis-1,2-Dichloroethene	65.2	2.0	ug/kg	50.7	ND	129	65-130			
trans-1,2-Dichloroethene	66.2	2.0	ug/kg	50.7	ND	131	65-135			
1,2-Dichloropropane	61.4	2.0	ug/kg	50.7	ND	121	65-125			
1,3-Dichloropropane	68.3	2.0	ug/kg	50.7	ND	135	65-135			
2,2-Dichloropropane	69.2	2.0	ug/kg	50.7	ND	136	60-145			
1,1-Dichloropropene	71.4	2.0	ug/kg	50.7	ND	141	65-135			*M1*
cis-1,3-Dichloropropene	71.6	2.0	ug/kg	50.7	ND	141	70-130			*M1*
trans-1,3-Dichloropropene	76.7	2.0	ug/kg	50.7	ND	151	65-140			*M1*

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Report Number: IOF2161

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01032 Extracted: 07/01/05										
Matrix Spike Analyzed: 07/01/2005 (5G01032-MS1)					**Source: IOF1430-09**					
Ethylbenzene	70.8	2.0	ug/kg	50.7	ND	140	70-130			*M1*
Hexachlorobutadiene	35.2	5.0	ug/kg	50.7	ND	69	55-140			
Isopropylbenzene	80.5	2.0	ug/kg	50.7	ND	159	65-140			*M1*
p-Isopropyltoluene	61.0	2.0	ug/kg	50.7	ND	120	60-135			
Methylene chloride	64.2	20	ug/kg	50.7	ND	127	60-140			
Naphthalene	39.4	5.0	ug/kg	50.7	1.1	76	40-155			
n-Propylbenzene	77.4	2.0	ug/kg	50.7	ND	153	65-140			*M1*
Styrene	65.2	2.0	ug/kg	50.7	ND	129	70-140			
1,1,1,2-Tetrachloroethane	75.7	5.0	ug/kg	50.7	ND	149	70-140			*M1*
1,1,2,2-Tetrachloroethane	71.9	2.0	ug/kg	50.7	ND	142	45-155			
Tetrachloroethene	68.3	2.0	ug/kg	50.7	ND	135	65-135			
Toluene	67.3	2.0	ug/kg	50.7	ND	133	70-125			*M1*
1,2,3-Trichlorobenzene	29.5	5.0	ug/kg	50.7	ND	58	50-140			
1,2,4-Trichlorobenzene	32.9	5.0	ug/kg	50.7	ND	65	55-135			
1,1,1-Trichloroethane	79.4	2.0	ug/kg	50.7	ND	157	65-140			*M1*
1,1,2-Trichloroethane	65.3	2.0	ug/kg	50.7	ND	129	65-135			
Trichloroethene	67.1	2.0	ug/kg	50.7	ND	132	70-135			
Trichlorofluoromethane	83.1	5.0	ug/kg	50.7	ND	164	50-150			*M1*
1,2,3-Trichloropropane	73.6	10	ug/kg	50.7	ND	145	55-145			
1,2,4-Trimethylbenzene	72.4	2.0	ug/kg	50.7	ND	143	65-135			*M1*
1,3,5-Trimethylbenzene	74.4	2.0	ug/kg	50.7	ND	147	70-130			*M1*
Vinyl chloride	64.5	5.0	ug/kg	50.7	ND	127	50-135			
o-Xylene	64.0	2.0	ug/kg	50.7	ND	126	70-125			*M1*
m,p-Xylenes	129	2.0	ug/kg	101	ND	128	70-125			*M1*
Di-isopropyl Ether (DIPE)	51.6	5.0	ug/kg	50.7	ND	102	60-145			
Ethyl tert-Butyl Ether (ETBE)	61.7	5.0	ug/kg	50.7	ND	122	60-140			
tert-Amyl Methyl Ether (TAME)	69.6	5.0	ug/kg	50.7	ND	137	60-145			
Methyl-tert-butyl Ether (MTBE)	69.7	5.0	ug/kg	50.7	ND	137	55-150			
tert-Butanol (TBA)	292	100	ug/kg	254	ND	115	65-140			
Surrogate: Dibromofluoromethane	*57.2*		*ug/kg*	*50.7*		*113*	*80-125*			
Surrogate: Toluene-d8	*54.7*		*ug/kg*	*50.7*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/kg*	*50.7*		*104*	*80-120*			

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Sampled: 06/30/05
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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01032 Extracted: 07/01/05										
Matrix Spike Dup Analyzed: 07/01/2005 (5G01032-MSD1)					**Source: IOF1430-09**					
Benzene	55.6	2.0	ug/kg	49.1	ND	113	65-130	17	20	
Bromobenzene	75.6	5.0	ug/kg	49.1	ND	154	70-135	1	25	*I, M1*
Bromochloromethane	57.4	5.0	ug/kg	49.1	ND	117	65-140	10	25	
Bromodichloromethane	64.7	2.0	ug/kg	49.1	ND	132	65-140	18	20	
Bromoform	61.5	5.0	ug/kg	49.1	ND	125	50-140	5	30	
Bromomethane	56.7	5.0	ug/kg	49.1	ND	115	55-150	22	25	
n-Butylbenzene	42.2	5.0	ug/kg	49.1	ND	86	55-140	26	30	*I*
sec-Butylbenzene	50.6	5.0	ug/kg	49.1	ND	103	65-130	22	25	*I*
tert-Butylbenzene	62.8	5.0	ug/kg	49.1	ND	128	65-135	16	25	*I*
Carbon tetrachloride	64.7	5.0	ug/kg	49.1	ND	132	65-140	26	25	*M2, R-3*
Chlorobenzene	55.9	2.0	ug/kg	49.1	ND	114	70-125	15	25	
Chloroethane	56.9	5.0	ug/kg	49.1	ND	116	55-145	13	25	
Chloroform	61.5	2.0	ug/kg	49.1	ND	125	65-130	18	20	
Chloromethane	46.9	5.0	ug/kg	49.1	ND	96	35-140	11	25	
2-Chlorotoluene	69.1	5.0	ug/kg	49.1	ND	141	65-130	11	25	*I, M1*
4-Chlorotoluene	70.0	5.0	ug/kg	49.1	ND	143	70-130	9	25	*I, M1*
Dibromochloromethane	74.1	2.0	ug/kg	49.1	ND	151	65-140	5	25	*M1*
1,2-Dibromo-3-chloropropane	90.3	5.0	ug/kg	49.1	ND	184	45-145	28	30	*I, M1*
1,2-Dibromoethane (EDB)	72.1	2.0	ug/kg	49.1	ND	147	65-135	6	25	*M1*
Dibromomethane	69.3	2.0	ug/kg	49.1	ND	141	65-135	7	25	*M1*
1,2-Dichlorobenzene	58.3	2.0	ug/kg	49.1	ND	119	70-130	7	25	*I*
1,3-Dichlorobenzene	57.7	2.0	ug/kg	49.1	ND	118	70-125	10	25	*I*
1,4-Dichlorobenzene	57.8	2.0	ug/kg	49.1	ND	118	70-125	7	25	*I*
Dichlorodifluoromethane	72.6	5.0	ug/kg	49.1	ND	148	25-155	18	35	
1,1-Dichloroethane	53.9	2.0	ug/kg	49.1	ND	110	65-130	17	25	
1,2-Dichloroethane	70.2	2.0	ug/kg	49.1	ND	143	60-145	13	25	
1,1-Dichloroethene	58.4	5.0	ug/kg	49.1	ND	119	65-135	16	25	
cis-1,2-Dichloroethene	54.1	2.0	ug/kg	49.1	ND	110	65-130	19	25	
trans-1,2-Dichloroethene	57.0	2.0	ug/kg	49.1	ND	116	65-135	15	25	
1,2-Dichloropropane	52.7	2.0	ug/kg	49.1	ND	107	65-125	15	20	
1,3-Dichloropropane	70.2	2.0	ug/kg	49.1	ND	143	65-135	3	25	*M1*
2,2-Dichloropropane	56.0	2.0	ug/kg	49.1	ND	114	60-145	21	25	
1,1-Dichloropropene	58.3	2.0	ug/kg	49.1	ND	119	65-135	20	20	
cis-1,3-Dichloropropene	59.6	2.0	ug/kg	49.1	ND	121	70-130	18	25	
trans-1,3-Dichloropropene	67.3	2.0	ug/kg	49.1	ND	137	65-140	13	25	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01032 Extracted: 07/01/05										
Matrix Spike Dup Analyzed: 07/01/2005 (5G01032-MSD1)					**Source: IOF1430-09**					
Ethylbenzene	58.7	2.0	ug/kg	49.1	ND	120	70-130	19	25	
Hexachlorobutadiene	23.6	5.0	ug/kg	49.1	ND	48	55-140	39	35	*I, M2, R-3*
Isopropylbenzene	72.1	2.0	ug/kg	49.1	ND	147	65-140	11	25	*I, M1*
p-Isopropyltoluene	47.4	2.0	ug/kg	49.1	ND	97	60-135	25	25	*I*
Methylene chloride	55.4	20	ug/kg	49.1	ND	113	60-140	15	25	
Naphthalene	41.7	5.0	ug/kg	49.1	1.1	83	40-155	6	40	*I*
n-Propylbenzene	66.3	2.0	ug/kg	49.1	ND	135	65-140	15	25	*I*
Styrene	54.9	2.0	ug/kg	49.1	ND	112	70-140	17	25	
1,1,1,2-Tetrachloroethane	64.5	5.0	ug/kg	49.1	ND	131	70-140	16	20	
1,1,2,2-Tetrachloroethane	95.5	2.0	ug/kg	49.1	ND	195	45-155	28	30	*I, M1, R-3*
Tetrachloroethene	55.2	2.0	ug/kg	49.1	ND	112	65-135	21	25	
Toluene	55.2	2.0	ug/kg	49.1	ND	112	70-125	20	20	
1,2,3-Trichlorobenzene	26.7	5.0	ug/kg	49.1	ND	54	50-140	10	30	*I*
1,2,4-Trichlorobenzene	29.7	5.0	ug/kg	49.1	ND	60	55-135	10	30	*I*
1,1,1-Trichloroethane	63.3	2.0	ug/kg	49.1	ND	129	65-140	23	20	*R-3*
1,1,2-Trichloroethane	60.1	2.0	ug/kg	49.1	ND	122	65-135	8	30	
Trichloroethene	55.7	2.0	ug/kg	49.1	ND	113	70-135	19	25	
Trichlorofluoromethane	67.0	5.0	ug/kg	49.1	ND	136	50-150	21	25	
1,2,3-Trichloropropane	101	10	ug/kg	49.1	ND	206	55-145	31	30	*I, M1, R-3*
1,2,4-Trimethylbenzene	64.1	2.0	ug/kg	49.1	ND	131	65-135	12	25	*I*
1,3,5-Trimethylbenzene	64.6	2.0	ug/kg	49.1	ND	132	70-130	14	25	*I, M1*
Vinyl chloride	57.6	5.0	ug/kg	49.1	ND	117	50-135	11	30	
o-Xylene	52.3	2.0	ug/kg	49.1	ND	107	70-125	20	25	
m,p-Xylenes	106	2.0	ug/kg	98.2	ND	108	70-125	20	25	
Di-isopropyl Ether (DIPE)	46.7	5.0	ug/kg	49.1	ND	95	60-145	10	25	
Ethyl tert-Butyl Ether (ETBE)	57.2	5.0	ug/kg	49.1	ND	116	60-140	8	30	
tert-Amyl Methyl Ether (TAME)	66.1	5.0	ug/kg	49.1	ND	135	60-145	5	25	
Methyl-tert-butyl Ether (MTBE)	71.9	5.0	ug/kg	49.1	ND	146	55-150	3	35	
tert-Butanol (TBA)	269	100	ug/kg	246	ND	109	65-140	8	30	
Surrogate: Dibromofluoromethane	*54.6*		*ug/kg*	*49.1*		*111*	*80-125*			
Surrogate: Toluene-d8	*50.4*		*ug/kg*	*49.1*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*47.2*		*ug/kg*	*49.1*		*96*	*80-120*			

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LFR Levine Fricke
3150 Bristol Street, Suite 250
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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G02013 Extracted: 07/02/05										
Blank Analyzed: 07/02/2005 (5G02013-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G02013 Extracted: 07/02/05										
Blank Analyzed: 07/02/2005 (5G02013-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*50.0*		*ug/kg*	*50.0*		*100*	*80-125*			
Surrogate: Toluene-d8	*50.4*		*ug/kg*	*50.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.2*		*ug/kg*	*50.0*		*106*	*80-120*			

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G02013 Extracted: 07/02/05										
LCS Analyzed: 07/02/2005 (5G02013-BS1)										
Benzene	41.7	2.0	ug/kg	50.0		83	65-120			
Bromobenzene	49.2	5.0	ug/kg	50.0		98	70-120			
Bromochloromethane	51.8	5.0	ug/kg	50.0		104	65-130			
Bromodichloromethane	50.2	2.0	ug/kg	50.0		100	65-135			
Bromoform	50.4	5.0	ug/kg	50.0		101	50-135			
Bromomethane	58.3	5.0	ug/kg	50.0		117	60-145			
n-Butylbenzene	43.3	5.0	ug/kg	50.0		87	70-125			
sec-Butylbenzene	43.7	5.0	ug/kg	50.0		87	70-125			
tert-Butylbenzene	48.1	5.0	ug/kg	50.0		96	70-125			
Carbon tetrachloride	57.8	5.0	ug/kg	50.0		116	65-140			
Chlorobenzene	52.7	2.0	ug/kg	50.0		105	70-125			
Chloroethane	47.6	5.0	ug/kg	50.0		95	55-140			
Chloroform	49.1	2.0	ug/kg	50.0		98	65-130			
Chloromethane	39.5	5.0	ug/kg	50.0		79	40-140			
2-Chlorotoluene	44.9	5.0	ug/kg	50.0		90	70-125			
4-Chlorotoluene	46.0	5.0	ug/kg	50.0		92	70-125			
Dibromochloromethane	60.1	2.0	ug/kg	50.0		120	65-140			
1,2-Dibromo-3-chloropropane	35.0	5.0	ug/kg	50.0		70	45-140			
1,2-Dibromoethane (EDB)	56.3	2.0	ug/kg	50.0		113	70-130			
Dibromomethane	51.5	2.0	ug/kg	50.0		103	65-130			
1,2-Dichlorobenzene	45.6	2.0	ug/kg	50.0		91	70-120			
1,3-Dichlorobenzene	47.1	2.0	ug/kg	50.0		94	70-125			
1,4-Dichlorobenzene	46.3	2.0	ug/kg	50.0		93	70-125			
Dichlorodifluoromethane	54.9	5.0	ug/kg	50.0		110	25-155			
1,1-Dichloroethane	45.0	2.0	ug/kg	50.0		90	65-130			
1,2-Dichloroethane	52.3	2.0	ug/kg	50.0		105	60-140			
1,1-Dichloroethene	48.4	5.0	ug/kg	50.0		97	70-130			
cis-1,2-Dichloroethene	44.6	2.0	ug/kg	50.0		89	65-125			
trans-1,2-Dichloroethene	46.7	2.0	ug/kg	50.0		93	65-130			
1,2-Dichloropropane	42.9	2.0	ug/kg	50.0		86	65-125			
1,3-Dichloropropane	50.1	2.0	ug/kg	50.0		100	65-125			
2,2-Dichloropropane	34.4	2.0	ug/kg	50.0		69	60-145			
1,1-Dichloropropene	46.9	2.0	ug/kg	50.0		94	70-130			
cis-1,3-Dichloropropene	47.7	2.0	ug/kg	50.0		95	70-130			
trans-1,3-Dichloropropene	51.7	2.0	ug/kg	50.0		103	65-135			

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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G02013 Extracted: 07/02/05										
LCS Analyzed: 07/02/2005 (5G02013-BS1)										
Ethylbenzene	49.2	2.0	ug/kg	50.0		98	70-125			
Hexachlorobutadiene	44.4	5.0	ug/kg	50.0		89	60-135			
Isopropylbenzene	48.0	2.0	ug/kg	50.0		96	70-125			
p-Isopropyltoluene	46.1	2.0	ug/kg	50.0		92	70-125			
Methylene chloride	44.7	20	ug/kg	50.0		89	60-130			
Naphthalene	40.3	5.0	ug/kg	50.0		81	50-140			
n-Propylbenzene	45.9	2.0	ug/kg	50.0		92	70-125			
Styrene	50.7	2.0	ug/kg	50.0		101	70-130			
1,1,1,2-Tetrachloroethane	56.0	5.0	ug/kg	50.0		112	70-135			
1,1,2,2-Tetrachloroethane	48.9	2.0	ug/kg	50.0		98	55-140			
Tetrachloroethene	53.3	2.0	ug/kg	50.0		107	65-125			
Toluene	43.5	2.0	ug/kg	50.0		87	70-125			
1,2,3-Trichlorobenzene	42.8	5.0	ug/kg	50.0		86	60-130			
1,2,4-Trichlorobenzene	40.8	5.0	ug/kg	50.0		82	65-135			
1,1,1-Trichloroethane	50.1	2.0	ug/kg	50.0		100	65-135			
1,1,2-Trichloroethane	48.1	2.0	ug/kg	50.0		96	65-130			
Trichloroethene	48.8	2.0	ug/kg	50.0		98	70-125			
Trichlorofluoromethane	57.5	5.0	ug/kg	50.0		115	60-140			
1,2,3-Trichloropropane	49.6	10	ug/kg	50.0		99	55-135			
1,2,4-Trimethylbenzene	45.6	2.0	ug/kg	50.0		91	70-125			
1,3,5-Trimethylbenzene	46.5	2.0	ug/kg	50.0		93	70-125			
Vinyl chloride	42.2	5.0	ug/kg	50.0		84	50-130			
o-Xylene	48.3	2.0	ug/kg	50.0		97	70-125			
m,p-Xylenes	98.4	2.0	ug/kg	100		98	70-125			
Di-isopropyl Ether (DIPE)	42.0	5.0	ug/kg	50.0		84	60-135			
Ethyl tert-Butyl Ether (ETBE)	39.2	5.0	ug/kg	50.0		78	60-135			
tert-Amyl Methyl Ether (TAME)	43.0	5.0	ug/kg	50.0		86	60-140			
Methyl-tert-butyl Ether (MTBE)	46.7	5.0	ug/kg	50.0		93	55-140			
tert-Butanol (TBA)	256	100	ug/kg	250		102	65-135			
Surrogate: Dibromofluoromethane	*51.3*		*ug/kg*	*50.0*		*103*	*80-125*			
Surrogate: Toluene-d8	*51.0*		*ug/kg*	*50.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*54.0*		*ug/kg*	*50.0*		*108*	*80-120*			

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Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G02013 Extracted: 07/02/05										
Matrix Spike Analyzed: 07/02/2005 (5G02013-MS1)					**Source: IOF2062-43**					
Benzene	47.2	2.3	ug/kg	58.5	ND	81	65-130			
Bromobenzene	57.9	5.9	ug/kg	58.5	ND	99	70-135			
Bromochloromethane	58.9	5.9	ug/kg	58.5	ND	101	65-140			
Bromodichloromethane	56.7	2.3	ug/kg	58.5	ND	97	65-140			
Bromoform	50.7	5.9	ug/kg	58.5	ND	87	50-140			
Bromomethane	67.5	5.9	ug/kg	58.5	ND	115	55-150			
n-Butylbenzene	40.6	5.9	ug/kg	58.5	ND	69	55-140			
sec-Butylbenzene	45.2	5.9	ug/kg	58.5	ND	77	65-130			
tert-Butylbenzene	53.1	5.9	ug/kg	58.5	ND	91	65-135			
Carbon tetrachloride	66.2	5.9	ug/kg	58.5	ND	113	65-140			
Chlorobenzene	58.7	2.3	ug/kg	58.5	ND	100	70-125			
Chloroethane	56.0	5.9	ug/kg	58.5	ND	96	55-145			
Chloroform	57.8	2.3	ug/kg	58.5	ND	99	65-130			
Chloromethane	46.5	5.9	ug/kg	58.5	ND	79	35-140			
2-Chlorotoluene	52.6	5.9	ug/kg	58.5	ND	90	65-130			
4-Chlorotoluene	53.6	5.9	ug/kg	58.5	ND	92	70-130			
Dibromochloromethane	64.9	2.3	ug/kg	58.5	ND	111	65-140			
1,2-Dibromo-3-chloropropane	35.6	5.9	ug/kg	58.5	ND	61	45-145			
1,2-Dibromoethane (EDB)	57.4	2.3	ug/kg	58.5	ND	98	65-135			
Dibromomethane	54.1	2.3	ug/kg	58.5	ND	92	65-135			
1,2-Dichlorobenzene	48.6	2.3	ug/kg	58.5	ND	83	70-130			
1,3-Dichlorobenzene	52.4	2.3	ug/kg	58.5	ND	90	70-125			
1,4-Dichlorobenzene	51.3	2.3	ug/kg	58.5	ND	88	70-125			
Dichlorodifluoromethane	63.9	5.9	ug/kg	58.5	ND	109	25-155			
1,1-Dichloroethane	52.9	2.3	ug/kg	58.5	ND	90	65-130			
1,2-Dichloroethane	57.9	2.3	ug/kg	58.5	ND	99	60-145			
1,1-Dichloroethene	57.5	5.9	ug/kg	58.5	ND	98	65-135			
cis-1,2-Dichloroethene	51.7	2.3	ug/kg	58.5	ND	88	65-130			
trans-1,2-Dichloroethene	54.1	2.3	ug/kg	58.5	ND	92	65-135			
1,2-Dichloropropane	48.0	2.3	ug/kg	58.5	ND	82	65-125			
1,3-Dichloropropane	54.2	2.3	ug/kg	58.5	ND	93	65-135			
2,2-Dichloropropane	40.7	2.3	ug/kg	58.5	ND	70	60-145			
1,1-Dichloropropene	53.6	2.3	ug/kg	58.5	ND	92	65-135			
cis-1,3-Dichloropropene	53.3	2.3	ug/kg	58.5	ND	91	70-130			
trans-1,3-Dichloropropene	55.2	2.3	ug/kg	58.5	ND	94	65-140			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G02013 Extracted: 07/02/05										
Matrix Spike Analyzed: 07/02/2005 (5G02013-MS1)					**Source: IOF2062-43**					
Ethylbenzene	54.3	2.3	ug/kg	58.5	ND	93	70-130			
Hexachlorobutadiene	28.4	5.9	ug/kg	58.5	ND	49	55-140			*M2*
Isopropylbenzene	56.2	2.3	ug/kg	58.5	ND	96	65-140			
p-Isopropyltoluene	48.1	2.3	ug/kg	58.5	ND	82	60-135			
Methylene chloride	51.7	23	ug/kg	58.5	ND	88	60-140			
Naphthalene	36.8	5.9	ug/kg	58.5	1.5	60	40-155			
n-Propylbenzene	51.7	2.3	ug/kg	58.5	ND	88	65-140			
Styrene	55.1	2.3	ug/kg	58.5	ND	94	70-140			
1,1,1,2-Tetrachloroethane	62.8	5.9	ug/kg	58.5	ND	107	70-140			
1,1,2,2-Tetrachloroethane	51.2	2.3	ug/kg	58.5	ND	88	45-155			
Tetrachloroethene	58.6	2.3	ug/kg	58.5	ND	100	65-135			
Toluene	48.7	2.3	ug/kg	58.5	ND	83	70-125			
1,2,3-Trichlorobenzene	35.3	5.9	ug/kg	58.5	ND	60	50-140			
1,2,4-Trichlorobenzene	34.5	5.9	ug/kg	58.5	ND	59	55-135			
1,1,1-Trichloroethane	58.6	2.3	ug/kg	58.5	ND	100	65-140			
1,1,2-Trichloroethane	49.3	2.3	ug/kg	58.5	ND	84	65-135			
Trichloroethene	55.6	2.3	ug/kg	58.5	ND	95	70-135			
Trichlorofluoromethane	67.8	5.9	ug/kg	58.5	ND	116	50-150			
1,2,3-Trichloropropane	52.5	12	ug/kg	58.5	ND	90	55-145			
1,2,4-Trimethylbenzene	51.6	2.3	ug/kg	58.5	ND	88	65-135			
1,3,5-Trimethylbenzene	53.0	2.3	ug/kg	58.5	ND	91	70-130			
Vinyl chloride	54.2	5.9	ug/kg	58.5	ND	93	50-135			
o-Xylene	53.7	2.3	ug/kg	58.5	ND	92	70-125			
m,p-Xylenes	109	2.3	ug/kg	117	ND	93	70-125			
Di-isopropyl Ether (DIPE)	47.8	5.9	ug/kg	58.5	ND	82	60-145			
Ethyl tert-Butyl Ether (ETBE)	43.3	5.9	ug/kg	58.5	ND	74	60-140			
tert-Amyl Methyl Ether (TAME)	46.1	5.9	ug/kg	58.5	ND	79	60-145			
Methyl-tert-butyl Ether (MTBE)	48.8	5.9	ug/kg	58.5	ND	83	55-150			
tert-Butanol (TBA)	292	120	ug/kg	293	ND	100	65-140			
Surrogate: Dibromofluoromethane	*62.2*		*ug/kg*	*58.5*		*106*	*80-125*			
Surrogate: Toluene-d8	*59.3*		*ug/kg*	*58.5*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*61.2*		*ug/kg*	*58.5*		*105*	*80-120*			

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G02013 Extracted: 07/02/05										
Matrix Spike Dup Analyzed: 07/02/2005 (5G02013-MSD1)					**Source: IOF2062-43**					
Benzene	46.9	2.4	ug/kg	59.1	ND	79	65-130	1	20	
Bromobenzene	56.7	5.9	ug/kg	59.1	ND	96	70-135	2	25	
Bromochloromethane	59.6	5.9	ug/kg	59.1	ND	101	65-140	1	25	
Bromodichloromethane	58.0	2.4	ug/kg	59.1	ND	98	65-140	2	20	
Bromoform	55.3	5.9	ug/kg	59.1	ND	94	50-140	9	30	
Bromomethane	65.9	5.9	ug/kg	59.1	ND	112	55-150	2	25	
n-Butylbenzene	39.4	5.9	ug/kg	59.1	ND	67	55-140	3	30	
sec-Butylbenzene	43.7	5.9	ug/kg	59.1	ND	74	65-130	3	25	
tert-Butylbenzene	51.1	5.9	ug/kg	59.1	ND	86	65-135	4	25	
Carbon tetrachloride	65.8	5.9	ug/kg	59.1	ND	111	65-140	1	25	
Chlorobenzene	58.0	2.4	ug/kg	59.1	ND	98	70-125	1	25	
Chloroethane	55.0	5.9	ug/kg	59.1	ND	93	55-145	2	25	
Chloroform	57.1	2.4	ug/kg	59.1	ND	97	65-130	1	20	
Chloromethane	46.2	5.9	ug/kg	59.1	ND	78	35-140	1	25	
2-Chlorotoluene	50.4	5.9	ug/kg	59.1	ND	85	65-130	4	25	
4-Chlorotoluene	51.6	5.9	ug/kg	59.1	ND	87	70-130	4	25	
Dibromochloromethane	67.4	2.4	ug/kg	59.1	ND	114	65-140	4	25	
1,2-Dibromo-3-chloropropane	40.0	5.9	ug/kg	59.1	ND	68	45-145	12	30	
1,2-Dibromoethane (EDB)	61.2	2.4	ug/kg	59.1	ND	104	65-135	6	25	
Dibromomethane	57.7	2.4	ug/kg	59.1	ND	98	65-135	6	25	
1,2-Dichlorobenzene	49.0	2.4	ug/kg	59.1	ND	83	70-130	1	25	
1,3-Dichlorobenzene	51.1	2.4	ug/kg	59.1	ND	86	70-125	3	25	
1,4-Dichlorobenzene	50.3	2.4	ug/kg	59.1	ND	85	70-125	2	25	
Dichlorodifluoromethane	62.9	5.9	ug/kg	59.1	ND	106	25-155	2	35	
1,1-Dichloroethane	51.4	2.4	ug/kg	59.1	ND	87	65-130	3	25	
1,2-Dichloroethane	59.8	2.4	ug/kg	59.1	ND	101	60-145	3	25	
1,1-Dichloroethene	56.6	5.9	ug/kg	59.1	ND	96	65-135	2	25	
cis-1,2-Dichloroethene	51.4	2.4	ug/kg	59.1	ND	87	65-130	1	25	
trans-1,2-Dichloroethene	53.1	2.4	ug/kg	59.1	ND	90	65-135	2	25	
1,2-Dichloropropane	48.3	2.4	ug/kg	59.1	ND	82	65-125	1	20	
1,3-Dichloropropane	56.5	2.4	ug/kg	59.1	ND	96	65-135	4	25	
2,2-Dichloropropane	39.2	2.4	ug/kg	59.1	ND	66	60-145	4	25	
1,1-Dichloropropene	53.4	2.4	ug/kg	59.1	ND	90	65-135	0	20	
cis-1,3-Dichloropropene	54.3	2.4	ug/kg	59.1	ND	92	70-130	2	25	
trans-1,3-Dichloropropene	58.3	2.4	ug/kg	59.1	ND	99	65-140	5	25	

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G02013 Extracted: 07/02/05										
Matrix Spike Dup Analyzed: 07/02/2005 (5G02013-MSD1)					**Source: IOF2062-43**					
Ethylbenzene	53.4	2.4	ug/kg	59.1	ND	90	70-130	2	25	
Hexachlorobutadiene	26.3	5.9	ug/kg	59.1	ND	45	55-140	8	35	*M2*
Isopropylbenzene	53.9	2.4	ug/kg	59.1	ND	91	65-140	4	25	
p-Isopropyltoluene	46.6	2.4	ug/kg	59.1	ND	79	60-135	3	25	
Methylene chloride	51.2	24	ug/kg	59.1	ND	87	60-140	1	25	
Naphthalene	41.7	5.9	ug/kg	59.1	1.5	68	40-155	12	40	
n-Propylbenzene	49.8	2.4	ug/kg	59.1	ND	84	65-140	4	25	
Styrene	54.8	2.4	ug/kg	59.1	ND	93	70-140	1	25	
1,1,1,2-Tetrachloroethane	62.0	5.9	ug/kg	59.1	ND	105	70-140	1	20	
1,1,2,2-Tetrachloroethane	55.7	2.4	ug/kg	59.1	ND	94	45-155	8	30	
Tetrachloroethene	57.5	2.4	ug/kg	59.1	ND	97	65-135	2	25	
Toluene	48.7	2.4	ug/kg	59.1	ND	82	70-125	0	20	
1,2,3-Trichlorobenzene	37.9	5.9	ug/kg	59.1	ND	64	50-140	7	30	
1,2,4-Trichlorobenzene	36.3	5.9	ug/kg	59.1	ND	61	55-135	5	30	
1,1,1-Trichloroethane	57.1	2.4	ug/kg	59.1	ND	97	65-140	3	20	
1,1,2-Trichloroethane	53.8	2.4	ug/kg	59.1	ND	91	65-135	9	30	
Trichloroethene	55.4	2.4	ug/kg	59.1	ND	94	70-135	0	25	
Trichlorofluoromethane	66.9	5.9	ug/kg	59.1	ND	113	50-150	1	25	
1,2,3-Trichloropropane	56.9	12	ug/kg	59.1	ND	96	55-145	8	30	
1,2,4-Trimethylbenzene	50.3	2.4	ug/kg	59.1	ND	85	65-135	3	25	
1,3,5-Trimethylbenzene	51.1	2.4	ug/kg	59.1	ND	86	70-130	4	25	
Vinyl chloride	51.4	5.9	ug/kg	59.1	ND	87	50-135	5	30	
o-Xylene	52.9	2.4	ug/kg	59.1	ND	90	70-125	2	25	
m,p-Xylenes	106	2.4	ug/kg	118	ND	90	70-125	3	25	
Di-isopropyl Ether (DIPE)	48.2	5.9	ug/kg	59.1	ND	82	60-145	1	25	
Ethyl tert-Butyl Ether (ETBE)	45.0	5.9	ug/kg	59.1	ND	76	60-140	4	30	
tert-Amyl Methyl Ether (TAME)	49.2	5.9	ug/kg	59.1	ND	83	60-145	7	25	
Methyl-tert-butyl Ether (MTBE)	53.4	5.9	ug/kg	59.1	ND	90	55-150	9	35	
tert-Butanol (TBA)	277	120	ug/kg	296	ND	94	65-140	5	30	
Surrogate: Dibromofluoromethane	*62.6*		*ug/kg*	*59.1*		*106*	*80-125*			
Surrogate: Toluene-d8	*60.8*		*ug/kg*	*59.1*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*62.3*		*ug/kg*	*59.1*		*105*	*80-120*			

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

DATA QUALIFIERS AND DEFINITIONS

A-01	Matrix interference. Confirmed with source ran on #44, 06/30/05.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-3	The RPD exceeded the method control limit due to sample matrix effects.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

Del Mar Analytical, Irvine
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Project Manager

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LFR Levine Fricke
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Attention: Melissa Schuetz

Project ID: Ameron, 002-10311.00

Report Number: IOF2161

Sampled: 06/30/05
Received: 06/30/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015 MOD.	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

IOF2161

SAMPLE COLLECTOR: LFR LEVINE•FRICKE
3150 Bristol Street, Suite 250
Costa Mesa, California 92626
(714) 444-0111, Fax (714) 444-0117

PROJECT NO.: 002-10311.00
SECTION NO.: 0300
DATE: 6-30-05
SAMPLER'S INITIALS: BTW
SERIAL NO.: 03272
PROJECT NAME: Ameron
SAMPLER (Signature): [signature]

	SAMPLE							ANALYSES																			
	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	TYPE: Soil	TYPE: Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260B/5035)	BTEX / MTBE (8260)	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)				TAT: Standard 5 DAY	RUSH: 24Hr	HOLD	REMARKS
1	DSA-NW-3'	6-30-05	10:45		4	X				X	X									X			QUESTIONS,
2	DSA-EW-5'		10:50		4	X				X	X									X			COMMENTS
3	DSA-WW-6'		11:05		4	X				X	X									X			RESULTS TO
4	DSA-BOT-30'		12:30		4	X				X	X										X		MELISSA SCHUETZ
5	DSA-SW-8'		12:40	WC	4	X				X	X									X			@ LFR
6	FBEX-BOT-1-5'		12:00		3	X				X										X			* ALL DSA-X-
7	FBEX-BOT-2-5'		12:05		3	X				X										X			PLEASE RELOAD
8	FBEX-WW-3'		12:10		3	X				X										X			AS DSA-EX-*-
9	FBEX-BOT-3-5'		12:13		3	X				X										X			
10	FBEX-NW-3'		12:15		3	X				X										X			
11	FBEX-EW-3'		12:17		3	X				X										X			
12	FBEX-SW-3'		12:25		3	X				X										X			
13	DUP-1-063005		—		3	X				X										X			
14																							
15																							

SAMPLE RECEIPT: ☒ Intact ☐ Cold ☐ On Ice ☐ Ambient
Cooler Temp:
Cooler No:
Preservative Correct? ☐ Yes ☐ No ☐ N/A

METHOD OF SHIPMENT: Courier
LAB REPORT NO.:
FAX COC CONFIRMATION TO: M. Schuetz

RELINQUISHED BY: 1 [signature] 6/30/05
(SIGNATURE) (DATE)
BRIAN T. WHITE 1350
(PRINTED NAME) (TIME)
LFR
(COMPANY)

RELINQUISHED BY: 2 [signature] 6/30/05
(SIGNATURE) (DATE)
EMILIO ALVAREZ 19:35
(PRINTED NAME) (TIME)
DELMAR AN
(COMPANY)

RELINQUISHED BY: 3
(SIGNATURE) (DATE)
(PRINTED NAME) (TIME)
(COMPANY)

ANALYTICAL LABORATORY: DEL MAR

FAX RESULTS TO:
SEND HARDCOPY TO: ✓
SEND EDD TO:

RECEIVED BY: 1 [signature] Courier
(SIGNATURE) (DATE)
EMILIO ALVAREZ 6/30/05
(PRINTED NAME) (TIME)
DELMAR AN. 1350
(COMPANY)

RECEIVED BY: 2 [signature]
(SIGNATURE) (DATE)
WILL KIM 6/30/05
(PRINTED NAME) (TIME)
DMAT 19:35
(COMPANY)

RECEIVED BY (LABORATORY): 3
(SIGNATURE) (DATE)
(PRINTED NAME) (TIME)
(LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO: 2001/COC/TWT

(6) intact 4°C

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LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: 002-10311.00

Sampled: 06/29/05
Received: 06/29/05
Issued: 07/08/05 12:27

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 1°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Only standard turn around results for lab numbers IOF2043-01 and IOF2043-07 are included in this report.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOF2043-01	CBEX-BOT-12'	Soil
IOF2043-07	DUP-1-062905	Soil

Reviewed By:

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

Del Mar Analytical

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-07 (DUP-1-062905 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Bromobenzene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Bromochloromethane	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Bromodichloromethane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Bromoform	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Bromomethane	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
n-Butylbenzene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
sec-Butylbenzene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
tert-Butylbenzene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Carbon tetrachloride	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Chlorobenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Chloroethane	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Chloroform	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Chloromethane	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
2-Chlorotoluene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
4-Chlorotoluene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Dibromochloromethane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Dibromomethane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,2-Dichlorobenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,3-Dichlorobenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,4-Dichlorobenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Dichlorodifluoromethane	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
1,1-Dichloroethane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,2-Dichloroethane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,1-Dichloroethene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
cis-1,2-Dichloroethene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
trans-1,2-Dichloroethene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,2-Dichloropropane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,3-Dichloropropane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
2,2-Dichloropropane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,1-Dichloropropene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
cis-1,3-Dichloropropene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
trans-1,3-Dichloropropene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Ethylbenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Hexachlorobutadiene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Isopropylbenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
p-Isopropyltoluene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Methylene chloride	EPA 8260B	5G01025	16	ND	0.814	7/1/2005	7/1/2005	
Naphthalene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-07 (DUP-1-062905 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Styrene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Tetrachloroethene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Toluene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
1,1,1-Trichloroethane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,1,2-Trichloroethane	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Trichloroethene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Trichlorofluoromethane	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
1,2,3-Trichloropropane	EPA 8260B	5G01025	8.1	ND	0.814	7/1/2005	7/1/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Vinyl chloride	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
o-Xylene	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
m,p-Xylenes	EPA 8260B	5G01025	1.6	ND	0.814	7/1/2005	7/1/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5G01025	4.1	ND	0.814	7/1/2005	7/1/2005	
tert-Butanol (TBA)	EPA 8260B	5G01025	81	ND	0.814	7/1/2005	7/1/2005	
Surrogate: Dibromofluoromethane (80-125%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				

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LFR Levine Fricke
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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-01 (CBEX-BOT-12' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5F30041	5.0	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5F30041	1.8	ND	1	N/A	6/30/2005	6/30/2005	
Surrogate: n-Octacosane (40-130%)				*88 %*					
Sample ID: IOF2043-07 (DUP-1-062905 - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5F30041	5.0	**5.9**	0.999	100	6/30/2005	6/30/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5F30041	1.8	ND	0.999	N/A	6/30/2005	6/30/2005	
Surrogate: n-Octacosane (40-130%)				*65 %*					

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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5F30041 Extracted: 06/30/05										
Blank Analyzed: 06/30/2005 (5F30041-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*5.23*		*mg/kg*	*6.67*		*78*	*40-130*			
LCS Analyzed: 06/30/2005 (5F30041-BS1)										
EFH (C8 - C40)	20.7	5.0	mg/kg	33.3		62	40-120			
Surrogate: n-Octacosane	*4.16*		*mg/kg*	*6.67*		*62*	*40-130*			
Matrix Spike Analyzed: 06/30/2005 (5F30041-MS1)					**Source: IOF2073-07**					
EFH (C8 - C40)	25.9	5.0	mg/kg	33.3	ND	78	30-125			
Surrogate: n-Octacosane	*5.75*		*mg/kg*	*6.66*		*86*	*40-130*			
Matrix Spike Dup Analyzed: 06/30/2005 (5F30041-MSD1)					**Source: IOF2073-07**					
EFH (C8 - C40)	30.0	5.0	mg/kg	33.3	ND	90	30-125	15	30	
Surrogate: n-Octacosane	*5.56*		*mg/kg*	*6.65*		*84*	*40-130*			

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Sampled: 06/29/05
Received: 06/29/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01025-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Blank Analyzed: 07/01/2005 (5G01025-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*52.7*		*ug/kg*	*50.0*		*105*	*80-125*			
Surrogate: Toluene-d8	*50.7*		*ug/kg*	*50.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			

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LFR Levine Fricke
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Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
LCS Analyzed: 07/01/2005 (5G01025-BS1)										
Benzene	37.8	2.0	ug/kg	50.0		76	65-120			
Bromobenzene	45.1	5.0	ug/kg	50.0		90	70-120			
Bromochloromethane	46.2	5.0	ug/kg	50.0		92	65-130			
Bromodichloromethane	45.5	2.0	ug/kg	50.0		91	65-135			
Bromoform	44.4	5.0	ug/kg	50.0		89	50-135			
Bromomethane	52.3	5.0	ug/kg	50.0		105	60-145			
n-Butylbenzene	40.0	5.0	ug/kg	50.0		80	70-125			
sec-Butylbenzene	40.5	5.0	ug/kg	50.0		81	70-125			
tert-Butylbenzene	45.1	5.0	ug/kg	50.0		90	70-125			
Carbon tetrachloride	53.4	5.0	ug/kg	50.0		107	65-140			
Chlorobenzene	48.2	2.0	ug/kg	50.0		96	70-125			
Chloroethane	43.6	5.0	ug/kg	50.0		87	55-140			
Chloroform	44.9	2.0	ug/kg	50.0		90	65-130			
Chloromethane	34.8	5.0	ug/kg	50.0		70	40-140			
2-Chlorotoluene	42.1	5.0	ug/kg	50.0		84	70-125			
4-Chlorotoluene	42.8	5.0	ug/kg	50.0		86	70-125			
Dibromochloromethane	53.3	2.0	ug/kg	50.0		107	65-140			
1,2-Dibromo-3-chloropropane	30.5	5.0	ug/kg	50.0		61	45-140			
1,2-Dibromoethane (EDB)	48.8	2.0	ug/kg	50.0		98	70-130			
Dibromomethane	45.1	2.0	ug/kg	50.0		90	65-130			
1,2-Dichlorobenzene	41.1	2.0	ug/kg	50.0		82	70-120			
1,3-Dichlorobenzene	43.3	2.0	ug/kg	50.0		87	70-125			
1,4-Dichlorobenzene	42.4	2.0	ug/kg	50.0		85	70-125			
Dichlorodifluoromethane	44.4	5.0	ug/kg	50.0		89	25-155			
1,1-Dichloroethane	41.0	2.0	ug/kg	50.0		82	65-130			
1,2-Dichloroethane	46.9	2.0	ug/kg	50.0		94	60-140			
1,1-Dichloroethene	45.2	5.0	ug/kg	50.0		90	70-130			
cis-1,2-Dichloroethene	40.3	2.0	ug/kg	50.0		81	65-125			
trans-1,2-Dichloroethene	42.2	2.0	ug/kg	50.0		84	65-130			
1,2-Dichloropropane	38.2	2.0	ug/kg	50.0		76	65-125			
1,3-Dichloropropane	44.4	2.0	ug/kg	50.0		89	65-125			
2,2-Dichloropropane	30.7	2.0	ug/kg	50.0		61	60-145			
1,1-Dichloropropene	43.7	2.0	ug/kg	50.0		87	70-130			
cis-1,3-Dichloropropene	43.3	2.0	ug/kg	50.0		87	70-130			
trans-1,3-Dichloropropene	45.7	2.0	ug/kg	50.0		91	65-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
LCS Analyzed: 07/01/2005 (5G01025-BS1)										
Ethylbenzene	44.7	2.0	ug/kg	50.0		89	70-125			
Hexachlorobutadiene	40.6	5.0	ug/kg	50.0		81	60-135			
Isopropylbenzene	44.6	2.0	ug/kg	50.0		89	70-125			
p-Isopropyltoluene	42.8	2.0	ug/kg	50.0		86	70-125			
Methylene chloride	40.2	20	ug/kg	50.0		80	60-130			
Naphthalene	34.1	5.0	ug/kg	50.0		68	50-140			
n-Propylbenzene	42.7	2.0	ug/kg	50.0		85	70-125			
Styrene	45.7	2.0	ug/kg	50.0		91	70-130			
1,1,1,2-Tetrachloroethane	50.6	5.0	ug/kg	50.0		101	70-135			
1,1,2,2-Tetrachloroethane	42.4	2.0	ug/kg	50.0		85	55-140			
Tetrachloroethene	48.8	2.0	ug/kg	50.0		98	65-125			
Toluene	39.7	2.0	ug/kg	50.0		79	70-125			
1,2,3-Trichlorobenzene	38.3	5.0	ug/kg	50.0		77	60-130			
1,2,4-Trichlorobenzene	36.2	5.0	ug/kg	50.0		72	65-135			
1,1,1-Trichloroethane	45.7	2.0	ug/kg	50.0		91	65-135			
1,1,2-Trichloroethane	42.0	2.0	ug/kg	50.0		84	65-130			
Trichloroethene	44.8	2.0	ug/kg	50.0		90	70-125			
Trichlorofluoromethane	52.4	5.0	ug/kg	50.0		105	60-140			
1,2,3-Trichloropropane	42.8	10	ug/kg	50.0		86	55-135			
1,2,4-Trimethylbenzene	42.5	2.0	ug/kg	50.0		85	70-125			
1,3,5-Trimethylbenzene	43.5	2.0	ug/kg	50.0		87	70-125			
Vinyl chloride	39.1	5.0	ug/kg	50.0		78	50-130			
o-Xylene	44.2	2.0	ug/kg	50.0		88	70-125			
m,p-Xylenes	90.6	2.0	ug/kg	100		91	70-125			
Di-isopropyl Ether (DIPE)	37.7	5.0	ug/kg	50.0		75	60-135			
Ethyl tert-Butyl Ether (ETBE)	34.1	5.0	ug/kg	50.0		68	60-135			
tert-Amyl Methyl Ether (TAME)	37.2	5.0	ug/kg	50.0		74	60-140			
Methyl-tert-butyl Ether (MTBE)	40.4	5.0	ug/kg	50.0		81	55-140			
tert-Butanol (TBA)	225	100	ug/kg	250		90	65-135			
Surrogate: Dibromofluoromethane	*51.7*		*ug/kg*	*50.0*		*103*	*80-125*			
Surrogate: Toluene-d8	*50.9*		*ug/kg*	*50.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/kg*	*50.0*		*107*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Analyzed: 07/01/2005 (5G01025-MS1)					**Source: IOF1950-03RE1**					
Benzene	44.7	2.0	ug/kg	49.9	ND	90	65-130			
Bromobenzene	48.9	5.0	ug/kg	49.9	ND	98	70-135			
Bromochloromethane	53.5	5.0	ug/kg	49.9	ND	107	65-140			
Bromodichloromethane	51.2	2.0	ug/kg	49.9	ND	103	65-140			
Bromoform	49.5	5.0	ug/kg	49.9	ND	99	50-140			
Bromomethane	55.7	5.0	ug/kg	49.9	ND	112	55-150			
n-Butylbenzene	42.8	5.0	ug/kg	49.9	ND	86	55-140			
sec-Butylbenzene	43.3	5.0	ug/kg	49.9	0.88	85	65-130			
tert-Butylbenzene	48.1	5.0	ug/kg	49.9	ND	96	65-135			
Carbon tetrachloride	58.1	5.0	ug/kg	49.9	ND	116	65-140			
Chlorobenzene	55.0	2.0	ug/kg	49.9	ND	110	70-125			
Chloroethane	45.8	5.0	ug/kg	49.9	ND	92	55-145			
Chloroform	50.4	2.0	ug/kg	49.9	ND	101	65-130			
Chloromethane	35.3	5.0	ug/kg	49.9	ND	71	35-140			
2-Chlorotoluene	44.8	5.0	ug/kg	49.9	ND	90	65-130			
4-Chlorotoluene	45.2	5.0	ug/kg	49.9	ND	91	70-130			
Dibromochloromethane	59.6	2.0	ug/kg	49.9	ND	119	65-140			
1,2-Dibromo-3-chloropropane	41.7	5.0	ug/kg	49.9	ND	84	45-145			
1,2-Dibromoethane (EDB)	55.9	2.0	ug/kg	49.9	ND	112	65-135			
Dibromomethane	52.5	2.0	ug/kg	49.9	ND	105	65-135			
1,2-Dichlorobenzene	46.5	2.0	ug/kg	49.9	ND	93	70-130			
1,3-Dichlorobenzene	47.4	2.0	ug/kg	49.9	ND	95	70-125			
1,4-Dichlorobenzene	46.4	2.0	ug/kg	49.9	ND	93	70-125			
Dichlorodifluoromethane	42.4	5.0	ug/kg	49.9	ND	85	25-155			
1,1-Dichloroethane	46.8	2.0	ug/kg	49.9	ND	94	65-130			
1,2-Dichloroethane	51.1	2.0	ug/kg	49.9	ND	102	60-145			
1,1-Dichloroethene	51.0	5.0	ug/kg	49.9	ND	102	65-135			
cis-1,2-Dichloroethene	47.4	2.0	ug/kg	49.9	ND	95	65-130			
trans-1,2-Dichloroethene	48.7	2.0	ug/kg	49.9	ND	98	65-135			
1,2-Dichloropropane	46.2	2.0	ug/kg	49.9	ND	93	65-125			
1,3-Dichloropropane	51.1	2.0	ug/kg	49.9	ND	102	65-135			
2,2-Dichloropropane	35.4	2.0	ug/kg	49.9	ND	71	60-145			
1,1-Dichloropropene	48.9	2.0	ug/kg	49.9	ND	98	65-135			
cis-1,3-Dichloropropene	50.2	2.0	ug/kg	49.9	ND	101	70-130			
trans-1,3-Dichloropropene	52.6	2.0	ug/kg	49.9	ND	105	65-140			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Analyzed: 07/01/2005 (5G01025-MS1)					**Source: IOF1950-03RE1**					
Ethylbenzene	50.7	2.0	ug/kg	49.9	ND	102	70-130			
Hexachlorobutadiene	39.6	5.0	ug/kg	49.9	1.9	76	55-140			
Isopropylbenzene	47.0	2.0	ug/kg	49.9	ND	94	65-140			
p-Isopropyltoluene	46.3	2.0	ug/kg	49.9	ND	93	60-135			
Methylene chloride	45.8	20	ug/kg	49.9	ND	92	60-140			
Naphthalene	48.2	5.0	ug/kg	49.9	2.8	91	40-155			
n-Propylbenzene	45.0	2.0	ug/kg	49.9	ND	90	65-140			
Styrene	52.0	2.0	ug/kg	49.9	ND	104	70-140			
1,1,1,2-Tetrachloroethane	57.2	5.0	ug/kg	49.9	ND	115	70-140			
1,1,2,2-Tetrachloroethane	49.7	2.0	ug/kg	49.9	ND	100	45-155			
Tetrachloroethene	54.6	2.0	ug/kg	49.9	ND	109	65-135			
Toluene	46.2	2.0	ug/kg	49.9	ND	93	70-125			
1,2,3-Trichlorobenzene	52.7	5.0	ug/kg	49.9	ND	106	50-140			
1,2,4-Trichlorobenzene	51.9	5.0	ug/kg	49.9	ND	104	55-135			
1,1,1-Trichloroethane	50.3	2.0	ug/kg	49.9	ND	101	65-140			
1,1,2-Trichloroethane	51.0	2.0	ug/kg	49.9	ND	102	65-135			
Trichloroethene	52.1	2.0	ug/kg	49.9	ND	104	70-135			
Trichlorofluoromethane	55.0	5.0	ug/kg	49.9	ND	110	50-150			
1,2,3-Trichloropropane	48.2	10	ug/kg	49.9	ND	97	55-145			
1,2,4-Trimethylbenzene	46.1	2.0	ug/kg	49.9	ND	92	65-135			
1,3,5-Trimethylbenzene	46.8	2.0	ug/kg	49.9	ND	94	70-130			
Vinyl chloride	42.0	5.0	ug/kg	49.9	ND	84	50-135			
o-Xylene	50.5	2.0	ug/kg	49.9	ND	101	70-125			
m,p-Xylenes	102	2.0	ug/kg	99.8	ND	102	70-125			
Di-isopropyl Ether (DIPE)	44.5	5.0	ug/kg	49.9	ND	89	60-145			
Ethyl tert-Butyl Ether (ETBE)	40.1	5.0	ug/kg	49.9	ND	80	60-140			
tert-Amyl Methyl Ether (TAME)	44.6	5.0	ug/kg	49.9	ND	89	60-145			
Methyl-tert-butyl Ether (MTBE)	46.9	5.0	ug/kg	49.9	ND	94	55-150			
tert-Butanol (TBA)	256	100	ug/kg	250	ND	102	65-140			
Surrogate: Dibromofluoromethane	*50.9*		*ug/kg*	*49.9*		*102*	*80-125*			
Surrogate: Toluene-d8	*51.3*		*ug/kg*	*49.9*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*56.1*		*ug/kg*	*49.9*		*112*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Dup Analyzed: 07/01/2005 (5G01025-MSD1)					**Source: IOF1950-03RE1**					
Benzene	44.4	2.0	ug/kg	49.6	ND	90	65-130	1	20	
Bromobenzene	49.3	5.0	ug/kg	49.6	ND	99	70-135	1	25	
Bromochloromethane	54.6	5.0	ug/kg	49.6	ND	110	65-140	2	25	
Bromodichloromethane	52.5	2.0	ug/kg	49.6	ND	106	65-140	3	20	
Bromoform	50.6	5.0	ug/kg	49.6	ND	102	50-140	2	30	
Bromomethane	55.2	5.0	ug/kg	49.6	ND	111	55-150	1	25	
n-Butylbenzene	40.8	5.0	ug/kg	49.6	ND	82	55-140	5	30	
sec-Butylbenzene	40.8	5.0	ug/kg	49.6	0.88	80	65-130	6	25	
tert-Butylbenzene	45.3	5.0	ug/kg	49.6	ND	91	65-135	6	25	
Carbon tetrachloride	54.9	5.0	ug/kg	49.6	ND	111	65-140	6	25	
Chlorobenzene	54.7	2.0	ug/kg	49.6	ND	110	70-125	1	25	
Chloroethane	46.8	5.0	ug/kg	49.6	ND	94	55-145	2	25	
Chloroform	50.7	2.0	ug/kg	49.6	ND	102	65-130	1	20	
Chloromethane	36.3	5.0	ug/kg	49.6	ND	73	35-140	3	25	
2-Chlorotoluene	45.8	5.0	ug/kg	49.6	ND	92	65-130	2	25	
4-Chlorotoluene	45.2	5.0	ug/kg	49.6	ND	91	70-130	0	25	
Dibromochloromethane	61.2	2.0	ug/kg	49.6	ND	123	65-140	3	25	
1,2-Dibromo-3-chloropropane	42.9	5.0	ug/kg	49.6	ND	86	45-145	3	30	
1,2-Dibromoethane (EDB)	59.1	2.0	ug/kg	49.6	ND	119	65-135	6	25	
Dibromomethane	52.8	2.0	ug/kg	49.6	ND	106	65-135	1	25	
1,2-Dichlorobenzene	32.8	2.0	ug/kg	49.6	ND	66	70-130	35	25	*M2, R-3*
1,3-Dichlorobenzene	45.3	2.0	ug/kg	49.6	ND	91	70-125	5	25	
1,4-Dichlorobenzene	43.8	2.0	ug/kg	49.6	ND	88	70-125	6	25	
Dichlorodifluoromethane	41.6	5.0	ug/kg	49.6	ND	84	25-155	2	35	
1,1-Dichloroethane	46.8	2.0	ug/kg	49.6	ND	94	65-130	0	25	
1,2-Dichloroethane	50.2	2.0	ug/kg	49.6	ND	101	60-145	2	25	
1,1-Dichloroethene	51.5	5.0	ug/kg	49.6	ND	104	65-135	1	25	
cis-1,2-Dichloroethene	47.6	2.0	ug/kg	49.6	ND	96	65-130	0	25	
trans-1,2-Dichloroethene	49.8	2.0	ug/kg	49.6	ND	100	65-135	2	25	
1,2-Dichloropropane	46.0	2.0	ug/kg	49.6	ND	93	65-125	0	20	
1,3-Dichloropropane	51.8	2.0	ug/kg	49.6	ND	104	65-135	1	25	
2,2-Dichloropropane	33.2	2.0	ug/kg	49.6	ND	67	60-145	6	25	
1,1-Dichloropropene	48.3	2.0	ug/kg	49.6	ND	97	65-135	1	20	
cis-1,3-Dichloropropene	50.3	2.0	ug/kg	49.6	ND	101	70-130	0	25	
trans-1,3-Dichloropropene	52.7	2.0	ug/kg	49.6	ND	106	65-140	0	25	

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G01025 Extracted: 07/01/05										
Matrix Spike Dup Analyzed: 07/01/2005 (5G01025-MSD1)					**Source: IOF1950-03RE1**					
Ethylbenzene	50.2	2.0	ug/kg	49.6	ND	101	70-130	1	25	
Hexachlorobutadiene	13.1	5.0	ug/kg	49.6	1.9	23	55-140	101	35	*M2, R-3*
Isopropylbenzene	47.3	2.0	ug/kg	49.6	ND	95	65-140	1	25	
p-Isopropyltoluene	41.7	2.0	ug/kg	49.6	ND	84	60-135	10	25	
Methylene chloride	47.2	20	ug/kg	49.6	ND	95	60-140	3	25	
Naphthalene	40.0	5.0	ug/kg	49.6	2.8	75	40-155	19	40	
n-Propylbenzene	45.6	2.0	ug/kg	49.6	ND	92	65-140	1	25	
Styrene	50.6	2.0	ug/kg	49.6	ND	102	70-140	3	25	
1,1,1,2-Tetrachloroethane	57.1	5.0	ug/kg	49.6	ND	115	70-140	0	20	
1,1,2,2-Tetrachloroethane	99.2	2.0	ug/kg	49.6	ND	200	45-155	66	30	*M1, R-3*
Tetrachloroethene	54.9	2.0	ug/kg	49.6	ND	111	65-135	1	25	
Toluene	46.4	2.0	ug/kg	49.6	ND	94	70-125	0	20	
1,2,3-Trichlorobenzene	26.7	5.0	ug/kg	49.6	ND	54	50-140	65	30	*M2, R-3*
1,2,4-Trichlorobenzene	31.0	5.0	ug/kg	49.6	ND	62	55-135	50	30	*R*
1,1,1-Trichloroethane	49.1	2.0	ug/kg	49.6	ND	99	65-140	2	20	
1,1,2-Trichloroethane	53.8	2.0	ug/kg	49.6	ND	108	65-135	5	30	
Trichloroethene	51.5	2.0	ug/kg	49.6	ND	104	70-135	1	25	
Trichlorofluoromethane	53.7	5.0	ug/kg	49.6	ND	108	50-150	2	25	
1,2,3-Trichloropropane	49.5	10	ug/kg	49.6	ND	100	55-145	3	30	
1,2,4-Trimethylbenzene	45.2	2.0	ug/kg	49.6	ND	91	65-135	2	25	
1,3,5-Trimethylbenzene	46.3	2.0	ug/kg	49.6	ND	93	70-130	1	25	
Vinyl chloride	40.2	5.0	ug/kg	49.6	ND	81	50-135	4	30	
o-Xylene	48.5	2.0	ug/kg	49.6	ND	98	70-125	4	25	
m,p-Xylenes	99.6	2.0	ug/kg	99.2	ND	100	70-125	2	25	
Di-isopropyl Ether (DIPE)	44.9	5.0	ug/kg	49.6	ND	91	60-145	1	25	
Ethyl tert-Butyl Ether (ETBE)	39.7	5.0	ug/kg	49.6	ND	80	60-140	1	30	
tert-Amyl Methyl Ether (TAME)	43.6	5.0	ug/kg	49.6	ND	88	60-145	2	25	
Methyl-tert-butyl Ether (MTBE)	46.7	5.0	ug/kg	49.6	ND	94	55-150	0	35	
tert-Butanol (TBA)	239	100	ug/kg	248	ND	96	65-140	7	30	
Surrogate: Dibromofluoromethane	*51.3*		*ug/kg*	*49.6*		*103*	*80-125*			
Surrogate: Toluene-d8	*50.6*		*ug/kg*	*49.6*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*61.3*		*ug/kg*	*49.6*		*124*	*80-120*			*A-01*

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: 002-10311.00

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

DATA QUALIFIERS AND DEFINITIONS

A-01	Matrix interference. Confirmed with source ran on #44, 06/30/05.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-3	The RPD exceeded the method control limit due to sample matrix effects.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

Del Mar Analytical, Irvine
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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015 MOD.	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Wendy Kirkeeng For Patty Mata
Project Manager

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(247)

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

SAMPLE COLLECTOR: LFR LEVINE•FRICKE
3150 Bristol Street, Suite 250
Costa Mesa, California 92626
(714) 444-0111, Fax (714) 444-0117

PROJECT NO.: 002-10311.00 | SECTION NO.: 300 | DATE: 6-29-05 | SAMPLER'S INITIALS: BTW | SERIAL NO.: 03271

PROJECT NAME: Ameron | SAMPLER (Signature): Brian T. White

SAMPLE / ANALYSES

	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260)* B/5035	~~BTEX / MTBE (8260)~~ B/5036	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)			Standard 5 Day	RUSH: 24 HR	HOLD	REMARKS
1	CBEX-BOT-12'	6-29-05	0830		1	X				X	[illegible]								✓			Questions,
2	SBEX-SW-6'	↓	12:00		4	X				X	X									X		Comments &
3	SBEX-NW-6'		12:05		4	X				X	X									X		Results to
4	SBEX-EW-6'		12:10		4	X				X	X									X		Mellisa Schuetz
5	SBEX-WW-10'		12:20		4	X				X	X									X		DLFR
6	SBEX-BOT-24'		12:30		4	X				X	X									X		
7	DUP-1-062905	↓	/		4	X				X	X								X			* Do not run
8																						CBEX-BOT-12' for
9																						VOC's.
10																						
11																						
12																						
13																						
14																						
15																						

IOF2043

PS

SAMPLE RECEIPT: ☐ Intact ☐ Cold ☑ On Ice ☐ Ambient
Cooler Temp:
Cooler No:
Preservative Correct? ☐ Yes ☐ No ☐ N/A

METHOD OF SHIPMENT: Courier
LAB REPORT NO.:
FAX COC CONFIRMATION TO: M Schuetz
FAX RESULTS TO:
SEND HARDCOPY TO:
SEND EDD TO:

ANALYTICAL LABORATORY: DEL MAR

	1	2	3
RELINQUISHED BY:	Brian T. White 6-29-05	[signature]	
(SIGNATURE) (DATE)	BRIAN T. WHITE 1345	[signature] 6-29-05	
(PRINTED NAME) (TIME)	LFR	Gary Schlepar 1455	
(COMPANY)		DMAJ	
RECEIVED BY:	[signature] 1345	G. Ruiz 6/29/05	
(SIGNATURE) (DATE)	Gary Schlepar 6-29-05	G. Ruiz 1455	
(PRINTED NAME) (TIME)			
(COMPANY)	DMAJ		

RECEIVED BY (LABORATORY): 3
(SIGNATURE) (DATE)
(PRINTED NAME) (TIME)
(LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) 1oc FORM NO: 2001/COC/TWT

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LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: Ameron

Sampled: 06/29/05
Received: 06/29/05
Issued: 06/30/05 16:47

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 1°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Only the rush TAT results for lab numbers IOF2043-02 through -06 are included in this report.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOF2043-02	SBEX-SW-6'	Soil
IOF2043-03	SBEX-NW-6'	Soil
IOF2043-04	SBEX-EW-6'	Soil
IOF2043-05	SBEX-WW-10'	Soil
IOF2043-06	SBEX-BOT-24'	Soil

Reviewed By:

Del Mar Analytical, Irvine
Patty Mata
Project Manager

Del Mar Analytical

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3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-02 (SBEX-SW-6' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Bromobenzene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Bromochloromethane	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Bromodichloromethane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Bromoform	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Bromomethane	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
n-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
sec-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
tert-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Carbon tetrachloride	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Chlorobenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Chloroethane	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Chloroform	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Chloromethane	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
2-Chlorotoluene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
4-Chlorotoluene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Dibromochloromethane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Dibromomethane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,2-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,3-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,4-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Dichlorodifluoromethane	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
1,1-Dichloroethane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,2-Dichloroethane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,1-Dichloroethene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
cis-1,2-Dichloroethene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
trans-1,2-Dichloroethene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,2-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,3-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
2,2-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,1-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
cis-1,3-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
trans-1,3-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Ethylbenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Hexachlorobutadiene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Isopropylbenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
p-Isopropyltoluene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Methylene chloride	EPA 8260B	5F29019	20	ND	0.978	6/29/2005	6/30/2005	
Naphthalene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-02 (SBEX-SW-6' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Styrene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Tetrachloroethene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Toluene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
1,1,1-Trichloroethane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,1,2-Trichloroethane	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Trichloroethene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Trichlorofluoromethane	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
1,2,3-Trichloropropane	EPA 8260B	5F29019	10	ND	0.978	6/29/2005	6/30/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Vinyl chloride	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
o-Xylene	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
m,p-Xylenes	EPA 8260B	5F29019	2.0	ND	0.978	6/29/2005	6/30/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5F29019	5.0	ND	0.978	6/29/2005	6/30/2005	
tert-Butanol (TBA)	EPA 8260B	5F29019	100	ND	0.978	6/29/2005	6/30/2005	
Surrogate: Dibromofluoromethane (80-125%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*109 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*110 %*				

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Patty Mata
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3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-03 (SBEX-NW-6' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Bromobenzene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Bromochloromethane	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Bromodichloromethane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Bromoform	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Bromomethane	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
n-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
sec-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
tert-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Carbon tetrachloride	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Chlorobenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Chloroethane	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Chloroform	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Chloromethane	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
2-Chlorotoluene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
4-Chlorotoluene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Dibromochloromethane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Dibromomethane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,2-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,3-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,4-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Dichlorodifluoromethane	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
1,1-Dichloroethane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,2-Dichloroethane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,1-Dichloroethene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
cis-1,2-Dichloroethene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
trans-1,2-Dichloroethene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,2-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,3-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
2,2-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,1-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
cis-1,3-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
trans-1,3-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Ethylbenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Hexachlorobutadiene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Isopropylbenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
p-Isopropyltoluene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Methylene chloride	EPA 8260B	5F29019	20	ND	0.99	6/29/2005	6/30/2005	
Naphthalene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	

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Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-03 (SBEX-NW-6' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Styrene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Tetrachloroethene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Toluene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
1,1,1-Trichloroethane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,1,2-Trichloroethane	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Trichloroethene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Trichlorofluoromethane	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
1,2,3-Trichloropropane	EPA 8260B	5F29019	10	ND	0.99	6/29/2005	6/30/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Vinyl chloride	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
o-Xylene	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
m,p-Xylenes	EPA 8260B	5F29019	2.0	ND	0.99	6/29/2005	6/30/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5F29019	5.0	ND	0.99	6/29/2005	6/30/2005	
tert-Butanol (TBA)	EPA 8260B	5F29019	100	ND	0.99	6/29/2005	6/30/2005	
Surrogate: Dibromofluoromethane (80-125%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*111 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*110 %*				

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Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-04 (SBEX-EW-6' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Bromobenzene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Bromochloromethane	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Bromodichloromethane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Bromoform	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Bromomethane	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
n-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
sec-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
tert-Butylbenzene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Carbon tetrachloride	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Chlorobenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Chloroethane	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Chloroform	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Chloromethane	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
2-Chlorotoluene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
4-Chlorotoluene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Dibromochloromethane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Dibromomethane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,2-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,3-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,4-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Dichlorodifluoromethane	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
1,1-Dichloroethane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,2-Dichloroethane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,1-Dichloroethene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
cis-1,2-Dichloroethene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
trans-1,2-Dichloroethene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,2-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,3-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
2,2-Dichloropropane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,1-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
cis-1,3-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
trans-1,3-Dichloropropene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Ethylbenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Hexachlorobutadiene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Isopropylbenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
p-Isopropyltoluene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Methylene chloride	EPA 8260B	5F29019	20	ND	0.994	6/29/2005	6/30/2005	
Naphthalene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-04 (SBEX-EW-6' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Styrene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Tetrachloroethene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Toluene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
1,1,1-Trichloroethane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,1,2-Trichloroethane	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Trichloroethene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Trichlorofluoromethane	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
1,2,3-Trichloropropane	EPA 8260B	5F29019	10	ND	0.994	6/29/2005	6/30/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Vinyl chloride	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
o-Xylene	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
m,p-Xylenes	EPA 8260B	5F29019	2.0	ND	0.994	6/29/2005	6/30/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5F29019	5.0	ND	0.994	6/29/2005	6/30/2005	
tert-Butanol (TBA)	EPA 8260B	5F29019	100	ND	0.994	6/29/2005	6/30/2005	
Surrogate: Dibromofluoromethane (80-125%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*109 %*				

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Patty Mata
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3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-05 (SBEX-WW-10' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Bromobenzene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Bromochloromethane	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Bromodichloromethane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Bromoform	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Bromomethane	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
n-Butylbenzene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
sec-Butylbenzene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
tert-Butylbenzene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Carbon tetrachloride	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Chlorobenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Chloroethane	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Chloroform	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Chloromethane	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
2-Chlorotoluene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
4-Chlorotoluene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Dibromochloromethane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Dibromomethane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,2-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,3-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,4-Dichlorobenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Dichlorodifluoromethane	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
1,1-Dichloroethane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,2-Dichloroethane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,1-Dichloroethene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
cis-1,2-Dichloroethene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
trans-1,2-Dichloroethene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,2-Dichloropropane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,3-Dichloropropane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
2,2-Dichloropropane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,1-Dichloropropene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
cis-1,3-Dichloropropene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
trans-1,3-Dichloropropene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Ethylbenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Hexachlorobutadiene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Isopropylbenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
p-Isopropyltoluene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Methylene chloride	EPA 8260B	5F29019	20	ND	1.05	6/29/2005	6/30/2005	
Naphthalene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	

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Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-05 (SBEX-WW-10' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Styrene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Tetrachloroethene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Toluene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
1,1,1-Trichloroethane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,1,2-Trichloroethane	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Trichloroethene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Trichlorofluoromethane	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
1,2,3-Trichloropropane	EPA 8260B	5F29019	10	ND	1.05	6/29/2005	6/30/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Vinyl chloride	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
o-Xylene	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
m,p-Xylenes	EPA 8260B	5F29019	2.0	ND	1.05	6/29/2005	6/30/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5F29019	5.0	ND	1.05	6/29/2005	6/30/2005	
tert-Butanol (TBA)	EPA 8260B	5F29019	100	ND	1.05	6/29/2005	6/30/2005	
Surrogate: Dibromofluoromethane (80-125%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*111 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*112 %*				

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-06 (SBEX-BOT-24' - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Bromobenzene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Bromochloromethane	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Bromodichloromethane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Bromoform	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Bromomethane	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
n-Butylbenzene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
sec-Butylbenzene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
tert-Butylbenzene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Carbon tetrachloride	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Chlorobenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Chloroethane	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Chloroform	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Chloromethane	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
2-Chlorotoluene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
4-Chlorotoluene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Dibromochloromethane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Dibromomethane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,2-Dichlorobenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,3-Dichlorobenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,4-Dichlorobenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Dichlorodifluoromethane	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
1,1-Dichloroethane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,2-Dichloroethane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,1-Dichloroethene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
cis-1,2-Dichloroethene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
trans-1,2-Dichloroethene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,2-Dichloropropane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,3-Dichloropropane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
2,2-Dichloropropane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,1-Dichloropropene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
cis-1,3-Dichloropropene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
trans-1,3-Dichloropropene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Ethylbenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Hexachlorobutadiene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Isopropylbenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
p-Isopropyltoluene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Methylene chloride	EPA 8260B	5F29019	17	ND	0.861	6/29/2005	6/30/2005	
Naphthalene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	

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Sampled: 06/29/05
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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-06 (SBEX-BOT-24' - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Styrene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Tetrachloroethene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Toluene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
1,1,1-Trichloroethane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,1,2-Trichloroethane	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Trichloroethene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Trichlorofluoromethane	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
1,2,3-Trichloropropane	EPA 8260B	5F29019	8.6	ND	0.861	6/29/2005	6/30/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Vinyl chloride	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
o-Xylene	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
m,p-Xylenes	EPA 8260B	5F29019	1.7	ND	0.861	6/29/2005	6/30/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5F29019	4.3	ND	0.861	6/29/2005	6/30/2005	
tert-Butanol (TBA)	EPA 8260B	5F29019	86	ND	0.861	6/29/2005	6/30/2005	
Surrogate: Dibromofluoromethane (80-125%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*110 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*109 %*				

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Sampled: 06/29/05
Received: 06/29/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-02 (SBEX-SW-6' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5F29114	5.0	**110**	1	100	6/29/2005	6/30/2005	M1
EFH (C8 - C9)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5F29114	1.8	**2.6**	1	2	6/29/2005	6/30/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5F29114	1.8	**5.8**	1	5	6/29/2005	6/30/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5F29114	1.8	**11**	1	10	6/29/2005	6/30/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5F29114	1.8	**15**	1	14	6/29/2005	6/30/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5F29114	1.8	**18**	1	16	6/29/2005	6/30/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5F29114	1.8	**20**	1	18	6/29/2005	6/30/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5F29114	1.8	**18**	1	16	6/29/2005	6/30/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5F29114	1.8	**13**	1	12	6/29/2005	6/30/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
Surrogate: n-Octacosane (40-130%)				*91 %*					
Sample ID: IOF2043-03 (SBEX-NW-6' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5F29114	5.0	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/30/2005	
Surrogate: n-Octacosane (40-130%)				*40 %*					

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Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-04 (SBEX-EW-6' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5F29114	10	**490**	2	100	6/29/2005	6/30/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5F29114	3.6	ND	2	N/A	6/29/2005	6/30/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5F29114	3.6	ND	2	N/A	6/29/2005	6/30/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5F29114	3.6	**3.8**	2	1	6/29/2005	6/30/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5F29114	3.6	**25**	2	5	6/29/2005	6/30/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5F29114	3.6	**51**	2	10	6/29/2005	6/30/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5F29114	3.6	**43**	2	9	6/29/2005	6/30/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5F29114	3.6	**67**	2	14	6/29/2005	6/30/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5F29114	3.6	**66**	2	13	6/29/2005	6/30/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5F29114	3.6	**65**	2	13	6/29/2005	6/30/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5F29114	3.6	**44**	2	9	6/29/2005	6/30/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5F29114	3.6	**43**	2	9	6/29/2005	6/30/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5F29114	3.6	**44**	2	9	6/29/2005	6/30/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5F29114	3.6	**34**	2	7	6/29/2005	6/30/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5F29114	3.6	**5.6**	2	1	6/29/2005	6/30/2005	
Surrogate: n-Octacosane (40-130%)				*124 %*					
Sample ID: IOF2043-05 (SBEX-WW-10' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5F29114	5.0	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5F29114	1.8	ND	0.999	N/A	6/29/2005	6/29/2005	
Surrogate: n-Octacosane (40-130%)				*59 %*					

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Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	% of Total	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOF2043-06 (SBEX-BOT-24' - Soil)									
Reporting Units: mg/kg									
EFH (C8 - C40)	EPA 8015 MOD.	5F29114	5.0	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C8 - C9)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C10 - C11)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C12 - C13)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C14 - C15)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C16 - C17)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C18 - C19)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C20 - C21)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C22 - C23)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C24 - C25)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C26 - C27)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C28 - C29)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C30 - C31)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C32 - C35)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
EFH (C36 - C40)	EPA 8015 MOD.	5F29114	1.8	ND	1	N/A	6/29/2005	6/30/2005	
Surrogate: n-Octacosane (40-130%)				*74 %*					

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Received: 06/29/05

METHOD BLANK/QC DATA

HYDROCARBON DISTRIBUTION (CADHS/8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5F29114 Extracted: 06/29/05										
Blank Analyzed: 06/29/2005 (5F29114-BLK1)										
EFH (C8 - C40)	ND	5.0	mg/kg							
EFH (C8 - C9)	ND	1.8	mg/kg							
EFH (C10 - C11)	ND	1.8	mg/kg							
EFH (C12 - C13)	ND	1.8	mg/kg							
EFH (C14 - C15)	ND	1.8	mg/kg							
EFH (C16 - C17)	ND	1.8	mg/kg							
EFH (C18 - C19)	ND	1.8	mg/kg							
EFH (C20 - C21)	ND	1.8	mg/kg							
EFH (C22 - C23)	ND	1.8	mg/kg							
EFH (C24 - C25)	ND	1.8	mg/kg							
EFH (C26 - C27)	ND	1.8	mg/kg							
EFH (C28 - C29)	ND	1.8	mg/kg							
EFH (C30 - C31)	ND	1.8	mg/kg							
EFH (C32 - C35)	ND	1.8	mg/kg							
EFH (C36 - C40)	ND	1.8	mg/kg							
Surrogate: n-Octacosane	*5.24*		*mg/kg*	*6.67*		*79*	*40-130*			
LCS Analyzed: 06/30/2005 (5F29114-BS1)										
EFH (C8 - C40)	21.8	5.0	mg/kg	33.3		65	40-120			
Surrogate: n-Octacosane	*5.05*		*mg/kg*	*6.67*		*76*	*40-130*			
Matrix Spike Analyzed: 06/30/2005 (5F29114-MS1)					**Source: IOF2043-02**					
EFH (C8 - C40)	276	5.0	mg/kg	33.3	110	498	30-125			*M1*
Surrogate: n-Octacosane	*11.7*		*mg/kg*	*6.66*		*176*	*40-130*			*ZX*
Matrix Spike Dup Analyzed: 06/30/2005 (5F29114-MSD1)					**Source: IOF2043-02**					
EFH (C8 - C40)	966	20	mg/kg	33.3	110	2570	30-125	111	30	*M1, R-3*
Surrogate: n-Octacosane	*22.0*		*mg/kg*	*6.67*		*330*	*40-130*			*ZX*

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Received: 06/29/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5F29019 Extracted: 06/29/05										
Blank Analyzed: 06/29/2005 (5F29019-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5F29019 Extracted: 06/29/05										
Blank Analyzed: 06/29/2005 (5F29019-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/kg							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/kg							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/kg							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg							
tert-Butanol (TBA)	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*55.6*		*ug/kg*	*50.0*		*111*	*80-125*			
Surrogate: Toluene-d8	*55.4*		*ug/kg*	*50.0*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*54.4*		*ug/kg*	*50.0*		*109*	*80-120*			

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5F29019 Extracted: 06/29/05										
LCS Analyzed: 06/29/2005 (5F29019-BS1)										
Benzene	55.1	2.0	ug/kg	50.0		110	65-120			
Bromobenzene	55.9	5.0	ug/kg	50.0		112	70-120			
Bromochloromethane	55.4	5.0	ug/kg	50.0		111	65-130			
Bromodichloromethane	53.1	2.0	ug/kg	50.0		106	65-135			
Bromoform	47.8	5.0	ug/kg	50.0		96	50-135			
Bromomethane	53.7	5.0	ug/kg	50.0		107	60-145			
n-Butylbenzene	58.3	5.0	ug/kg	50.0		117	70-125			
sec-Butylbenzene	57.3	5.0	ug/kg	50.0		115	70-125			
tert-Butylbenzene	57.0	5.0	ug/kg	50.0		114	70-125			
Carbon tetrachloride	57.3	5.0	ug/kg	50.0		115	65-140			
Chlorobenzene	56.5	2.0	ug/kg	50.0		113	70-125			
Chloroethane	55.4	5.0	ug/kg	50.0		111	55-140			
Chloroform	54.9	2.0	ug/kg	50.0		110	65-130			
Chloromethane	48.7	5.0	ug/kg	50.0		97	40-140			
2-Chlorotoluene	55.4	5.0	ug/kg	50.0		111	70-125			
4-Chlorotoluene	56.8	5.0	ug/kg	50.0		114	70-125			
Dibromochloromethane	55.5	2.0	ug/kg	50.0		111	65-140			
1,2-Dibromo-3-chloropropane	45.6	5.0	ug/kg	50.0		91	45-140			
1,2-Dibromoethane (EDB)	54.6	2.0	ug/kg	50.0		109	70-130			
Dibromomethane	56.3	2.0	ug/kg	50.0		113	65-130			
1,2-Dichlorobenzene	56.0	2.0	ug/kg	50.0		112	70-120			
1,3-Dichlorobenzene	55.3	2.0	ug/kg	50.0		111	70-125			
1,4-Dichlorobenzene	53.1	2.0	ug/kg	50.0		106	70-125			
Dichlorodifluoromethane	57.8	5.0	ug/kg	50.0		116	25-155			
1,1-Dichloroethane	54.9	2.0	ug/kg	50.0		110	65-130			
1,2-Dichloroethane	55.7	2.0	ug/kg	50.0		111	60-140			
1,1-Dichloroethene	53.9	5.0	ug/kg	50.0		108	70-130			
cis-1,2-Dichloroethene	52.4	2.0	ug/kg	50.0		105	65-125			
trans-1,2-Dichloroethene	54.4	2.0	ug/kg	50.0		109	65-130			
1,2-Dichloropropane	55.3	2.0	ug/kg	50.0		111	65-125			
1,3-Dichloropropane	53.0	2.0	ug/kg	50.0		106	65-125			
2,2-Dichloropropane	58.2	2.0	ug/kg	50.0		116	60-145			
1,1-Dichloropropene	55.8	2.0	ug/kg	50.0		112	70-130			
cis-1,3-Dichloropropene	55.7	2.0	ug/kg	50.0		111	70-130			
trans-1,3-Dichloropropene	57.8	2.0	ug/kg	50.0		116	65-135			

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5F29019 Extracted: 06/29/05										
LCS Analyzed: 06/29/2005 (5F29019-BS1)										
Ethylbenzene	58.4	2.0	ug/kg	50.0		117	70-125			
Hexachlorobutadiene	50.4	5.0	ug/kg	50.0		101	60-135			
Isopropylbenzene	58.5	2.0	ug/kg	50.0		117	70-125			
p-Isopropyltoluene	55.5	2.0	ug/kg	50.0		111	70-125			
Methylene chloride	49.5	20	ug/kg	50.0		99	60-130			
Naphthalene	52.2	5.0	ug/kg	50.0		104	50-140			
n-Propylbenzene	57.9	2.0	ug/kg	50.0		116	70-125			
Styrene	60.1	2.0	ug/kg	50.0		120	70-130			
1,1,1,2-Tetrachloroethane	55.4	5.0	ug/kg	50.0		111	70-135			
1,1,2,2-Tetrachloroethane	53.1	2.0	ug/kg	50.0		106	55-140			
Tetrachloroethene	57.2	2.0	ug/kg	50.0		114	65-125			
Toluene	56.3	2.0	ug/kg	50.0		113	70-125			
1,2,3-Trichlorobenzene	54.1	5.0	ug/kg	50.0		108	60-130			
1,2,4-Trichlorobenzene	55.5	5.0	ug/kg	50.0		111	65-135			
1,1,1-Trichloroethane	56.2	2.0	ug/kg	50.0		112	65-135			
1,1,2-Trichloroethane	52.7	2.0	ug/kg	50.0		105	65-130			
Trichloroethene	55.6	2.0	ug/kg	50.0		111	70-125			
Trichlorofluoromethane	55.4	5.0	ug/kg	50.0		111	60-140			
1,2,3-Trichloropropane	50.4	10	ug/kg	50.0		101	55-135			
1,2,4-Trimethylbenzene	56.9	2.0	ug/kg	50.0		114	70-125			
1,3,5-Trimethylbenzene	57.3	2.0	ug/kg	50.0		115	70-125			
Vinyl chloride	48.6	5.0	ug/kg	50.0		97	50-130			
o-Xylene	58.2	2.0	ug/kg	50.0		116	70-125			
m,p-Xylenes	121	2.0	ug/kg	100		121	70-125			
Di-isopropyl Ether (DIPE)	56.2	5.0	ug/kg	50.0		112	60-135			
Ethyl tert-Butyl Ether (ETBE)	54.6	5.0	ug/kg	50.0		109	60-135			
tert-Amyl Methyl Ether (TAME)	55.2	5.0	ug/kg	50.0		110	60-140			
Methyl-tert-butyl Ether (MTBE)	53.4	5.0	ug/kg	50.0		107	55-140			
tert-Butanol (TBA)	278	100	ug/kg	250		111	65-135			
Surrogate: Dibromofluoromethane	*54.3*		*ug/kg*	*50.0*		*109*	*80-125*			
Surrogate: Toluene-d8	*56.1*		*ug/kg*	*50.0*		*112*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*55.8*		*ug/kg*	*50.0*		*112*	*80-120*			

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron

Report Number: IOF2043

Sampled: 06/29/05
Received: 06/29/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5F29019 Extracted: 06/29/05										
LCS Dup Analyzed: 06/29/2005 (5F29019-BSD1)										
Benzene	54.9	2.0	ug/kg	50.0		110	65-120	0	20	
Bromobenzene	56.2	5.0	ug/kg	50.0		112	70-120	1	20	
Bromochloromethane	58.5	5.0	ug/kg	50.0		117	65-130	5	20	
Bromodichloromethane	54.4	2.0	ug/kg	50.0		109	65-135	2	20	
Bromoform	52.2	5.0	ug/kg	50.0		104	50-135	9	25	
Bromomethane	48.8	5.0	ug/kg	50.0		98	60-145	10	20	
n-Butylbenzene	56.6	5.0	ug/kg	50.0		113	70-125	3	20	
sec-Butylbenzene	55.3	5.0	ug/kg	50.0		111	70-125	4	20	
tert-Butylbenzene	55.2	5.0	ug/kg	50.0		110	70-125	3	20	
Carbon tetrachloride	56.6	5.0	ug/kg	50.0		113	65-140	1	20	
Chlorobenzene	55.5	2.0	ug/kg	50.0		111	70-125	2	20	
Chloroethane	50.6	5.0	ug/kg	50.0		101	55-140	9	25	
Chloroform	55.4	2.0	ug/kg	50.0		111	65-130	1	20	
Chloromethane	46.1	5.0	ug/kg	50.0		92	40-140	5	25	
2-Chlorotoluene	54.2	5.0	ug/kg	50.0		108	70-125	2	20	
4-Chlorotoluene	55.0	5.0	ug/kg	50.0		110	70-125	3	20	
Dibromochloromethane	58.0	2.0	ug/kg	50.0		116	65-140	4	20	
1,2-Dibromo-3-chloropropane	51.6	5.0	ug/kg	50.0		103	45-140	12	30	
1,2-Dibromoethane (EDB)	59.7	2.0	ug/kg	50.0		119	70-130	9	20	
Dibromomethane	61.0	2.0	ug/kg	50.0		122	65-130	8	20	
1,2-Dichlorobenzene	55.9	2.0	ug/kg	50.0		112	70-120	0	20	
1,3-Dichlorobenzene	54.9	2.0	ug/kg	50.0		110	70-125	1	20	
1,4-Dichlorobenzene	52.6	2.0	ug/kg	50.0		105	70-125	1	20	
Dichlorodifluoromethane	54.9	5.0	ug/kg	50.0		110	25-155	5	30	
1,1-Dichloroethane	55.0	2.0	ug/kg	50.0		110	65-130	0	20	
1,2-Dichloroethane	59.0	2.0	ug/kg	50.0		118	60-140	6	20	
1,1-Dichloroethene	56.1	5.0	ug/kg	50.0		112	70-130	4	20	
cis-1,2-Dichloroethene	52.5	2.0	ug/kg	50.0		105	65-125	0	20	
trans-1,2-Dichloroethene	54.4	2.0	ug/kg	50.0		109	65-130	0	20	
1,2-Dichloropropane	55.8	2.0	ug/kg	50.0		112	65-125	1	20	
1,3-Dichloropropane	56.5	2.0	ug/kg	50.0		113	65-125	6	20	
2,2-Dichloropropane	53.4	2.0	ug/kg	50.0		107	60-145	9	20	
1,1-Dichloropropene	55.4	2.0	ug/kg	50.0		111	70-130	1	20	
cis-1,3-Dichloropropene	57.8	2.0	ug/kg	50.0		116	70-130	4	20	
trans-1,3-Dichloropropene	61.1	2.0	ug/kg	50.0		122	65-135	6	20	

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VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5F29019 Extracted: 06/29/05										
LCS Dup Analyzed: 06/29/2005 (5F29019-BSD1)										
Ethylbenzene	56.4	2.0	ug/kg	50.0		113	70-125	3	20	
Hexachlorobutadiene	49.4	5.0	ug/kg	50.0		99	60-135	2	20	
Isopropylbenzene	56.9	2.0	ug/kg	50.0		114	70-125	3	20	
p-Isopropyltoluene	53.4	2.0	ug/kg	50.0		107	70-125	4	20	
Methylene chloride	50.8	20	ug/kg	50.0		102	60-130	3	20	
Naphthalene	58.4	5.0	ug/kg	50.0		117	50-140	11	25	
n-Propylbenzene	56.7	2.0	ug/kg	50.0		113	70-125	2	20	
Styrene	59.8	2.0	ug/kg	50.0		120	70-130	1	20	
1,1,1,2-Tetrachloroethane	54.9	5.0	ug/kg	50.0		110	70-135	1	20	
1,1,2,2-Tetrachloroethane	57.9	2.0	ug/kg	50.0		116	55-140	9	30	
Tetrachloroethene	56.3	2.0	ug/kg	50.0		113	65-125	2	20	
Toluene	55.6	2.0	ug/kg	50.0		111	70-125	1	20	
1,2,3-Trichlorobenzene	57.2	5.0	ug/kg	50.0		114	60-130	6	20	
1,2,4-Trichlorobenzene	57.3	5.0	ug/kg	50.0		115	65-135	3	20	
1,1,1-Trichloroethane	54.6	2.0	ug/kg	50.0		109	65-135	3	20	
1,1,2-Trichloroethane	57.4	2.0	ug/kg	50.0		115	65-130	9	20	
Trichloroethene	54.9	2.0	ug/kg	50.0		110	70-125	1	20	
Trichlorofluoromethane	55.5	5.0	ug/kg	50.0		111	60-140	0	25	
1,2,3-Trichloropropane	57.1	10	ug/kg	50.0		114	55-135	12	25	
1,2,4-Trimethylbenzene	55.6	2.0	ug/kg	50.0		111	70-125	2	20	
1,3,5-Trimethylbenzene	56.0	2.0	ug/kg	50.0		112	70-125	2	20	
Vinyl chloride	43.6	5.0	ug/kg	50.0		87	50-130	11	25	
o-Xylene	56.7	2.0	ug/kg	50.0		113	70-125	3	20	
m,p-Xylenes	117	2.0	ug/kg	100		117	70-125	3	20	
Di-isopropyl Ether (DIPE)	57.0	5.0	ug/kg	50.0		114	60-135	1	20	
Ethyl tert-Butyl Ether (ETBE)	56.6	5.0	ug/kg	50.0		113	60-135	4	20	
tert-Amyl Methyl Ether (TAME)	59.1	5.0	ug/kg	50.0		118	60-140	7	20	
Methyl-tert-butyl Ether (MTBE)	58.6	5.0	ug/kg	50.0		117	55-140	9	25	
tert-Butanol (TBA)	280	100	ug/kg	250		112	65-135	1	20	
Surrogate: Dibromofluoromethane	*56.3*		*ug/kg*	*50.0*		*113*	*80-125*			
Surrogate: Toluene-d8	*55.4*		*ug/kg*	*50.0*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*57.3*		*ug/kg*	*50.0*		*115*	*80-120*			

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DATA QUALIFIERS AND DEFINITIONS

M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R-3	The RPD exceeded the method control limit due to sample matrix effects.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD.
The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015 MOD.	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

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Project Manager

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(247)

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

SAMPLE COLLECTOR: LFR LEVINE•FRICKE
3150 Bristol Street, Suite 250
Costa Mesa, California 92626
(714) 444-0111, Fax (714) 444-0117

PROJECT NO.: 002-10311.00
SECTION NO.: 300
DATE: 6-29-05
SAMPLER'S INITIALS: BTW
SERIAL NO.: 03271
PROJECT NAME: Ameron
SAMPLER (Signature): Brian T. White

SAMPLE / ANALYSES

	Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHg (EPA 8015M)	TPHcc (EPA 8015M)	VOCs (EPA 8260)* B/5035	~~BTEX / MTBE (8260)~~ B/5036	BTEX / MTBE (8021)	Metals (6010/7000)*	Pesticides (EPA 8080/8081)	PCBs (EPA 8080/8082)				Standard 5 Day	RUSH: 24 HR	HOLD	REMARKS
1	CBEX-BOT-12'	6-29-05	0830		1	X				X	[illegible]									✓			Questions,
2	SBEX-SW-6'	↓	12:00		4	X				X	X										X		Comments &
3	SBEX-NW-6'		12:05		4	X				X	X										X		Results to
4	SBEX-EW-6'		12:10		4	X				X	X										X		Mellisa Schuetz
5	SBEX-WW-10'		12:20		4	X				X	X										X		DLFR
6	SBEX-BOT-24'		12:30		4	X				X	X										X		
7	DUP-1-062905	↓	/		4	X				X	X									X			* Do not run
8																							CBEX-BOT-12' for
9																							VOC's.
10																							
11																							
12																							
13																							
14																							
15																							

IOF2043

PS

SAMPLE RECEIPT: ☐ Intact ☐ Cold ☑ On Ice ☐ Ambient
Cooler Temp:
Cooler No:
Preservative Correct? ☐ Yes ☐ No ☐ N/A

METHOD OF SHIPMENT: Courier
LAB REPORT NO.:
FAX COC CONFIRMATION TO: M Schuetz
FAX RESULTS TO:
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ANALYTICAL LABORATORY: DEL MAR

	1	2	3
RELINQUISHED BY:	Brian T. White 6-29-05	[signature]	
(SIGNATURE) (DATE)	BRIAN T. WHITE 1345	[signature] 6-29-05	
(PRINTED NAME) (TIME)	LFR	Gary Schlepan 1455	
(COMPANY)		DMAJ	
RECEIVED BY:	[signature] 1345	G. Ruiz 6/29/05	
(SIGNATURE) (DATE)	Gary Schlepan 6-29-05	G. Ruiz 1455	
(PRINTED NAME) (TIME)			
(COMPANY)	DMAJ		

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Del Mar Analytical

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LABORATORY REPORT

Prepared For: LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project: Ameron
002-10311.00

Sampled: 07/20/05
Received: 07/20/05
Issued: 07/21/05 10:36

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 9°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
IOG1278-01	RR-EX-09B-4'	Soil
IOG1278-02	RR-EX-09-EW-2'	Soil
IOG1278-03	RR-EX-09-WW-2'	Soil
IOG1278-04	RR-EX-09-NW-2'	Soil
IOG1278-05	RR-EX-09-SW-2'	Soil
IOG1278-06	RR-EX-12B-4'	Soil
IOG1278-07	RR-EX-12-NW-2'	Soil
IOG1278-08	RR-EX-12-SW-2'	Soil
IOG1278-09	RR-EX-12-WW-2'	Soil
IOG1278-10	RR-EX-12-EW-2'	Soil
IOG1278-11	DUP-1-072005	Soil

Reviewed By:

Del Mar Analytical, Irvine
Patty Mata
Project Manager

Del Mar Analytical

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LFR Levine Fricke
3150 Bristol Street, Suite 250
Costa Mesa, CA 92626
Attention: Melissa Schuetz

Project ID: Ameron
002-10311.00
Report Number: IOG1278

Sampled: 07/20/05
Received: 07/20/05

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG1278-01 (RR-EX-09B-4' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**1.3**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-02 (RR-EX-09-EW-2' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**0.71**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-03 (RR-EX-09-WW-2' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**1.1**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-04 (RR-EX-09-NW-2' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**1.0**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-05 (RR-EX-09-SW-2' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**1.2**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-06 (RR-EX-12B-4' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**7.6**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-07 (RR-EX-12-NW-2' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**1.6**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-08 (RR-EX-12-SW-2' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**0.82**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-09 (RR-EX-12-WW-2' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**0.75**	1	7/20/2005	7/20/2005	
Sample ID: IOG1278-10 (RR-EX-12-EW-2' - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**0.84**	1	7/20/2005	7/20/2005	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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002-10311.00
Report Number: IOG1278

Sampled: 07/20/05
Received: 07/20/05

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOG1278-11 (DUP-1-072005 - Soil)								
Reporting Units: mg/kg								
Arsenic	EPA 6020	5G20070	0.50	**3.4**	1	7/20/2005	7/20/2005	

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002-10311.00
Report Number: IOG1278

Sampled: 07/20/05
Received: 07/20/05

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5G20070 Extracted: 07/20/05										
Blank Analyzed: 07/20/2005 (5G20070-BLK1)										
Arsenic	ND	0.50	mg/kg							
LCS Analyzed: 07/20/2005 (5G20070-BS1)										
Arsenic	46.2	0.50	mg/kg	50.0		92	80-120			
Matrix Spike Analyzed: 07/20/2005 (5G20070-MS1)					**Source: IOG1278-05**					
Arsenic	39.6	0.50	mg/kg	50.0	1.2	77	75-125			
Matrix Spike Dup Analyzed: 07/20/2005 (5G20070-MSD1)					**Source: IOG1278-05**					
Arsenic	43.7	0.50	mg/kg	50.0	1.2	85	75-125	10	20	

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Project ID: Ameron
002-10311.00
Report Number: IOG1278

Sampled: 07/20/05
Received: 07/20/05

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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Project ID: Ameron
002-10311.00
Report Number: IOG1278

Sampled: 07/20/05
Received: 07/20/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 6020	Soil	N/A	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Patty Mata
Project Manager

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JONES ENVIRONMENTAL

LABORATORY REPORT

Client:	LFR – Levine-Fricke, Inc.	**Report Date:**	07/21/05
Client Address:	3150 Bristol Street, Suite 250 Costa Mesa, CA 92626	**JEL Ref. No.:** **Client Ref. No.:**	A-5405 002-10311.00
Attn:	Melissa Schuetz	**Date Sampled:** **Date Received:**	07/20/05 07/20/05
Project:	Former Ameron	**Date Analyzed:**	07/20/05
Project Address:	4635 Firestone Blvd., South Gate, CA	**Physical State:**	Soil

---

ANALYSES REQUESTED

1. Mod 8015 Diesel - Simulated Distillation Extended Range (ASTM 2887)

Approval: _____

Steve Jones, Ph.D.
Laboratory Manager

JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	LFR – Levine-Fricke, Inc.	**Report Date:**	07/21/05
Client Address:	3150 Bristol Street, Suite 250 Costa Mesa, CA 92626	**JEL Ref. No.:** **Client Ref. No.:**	A-5405 002-10311.00
Attn:	Melissa Schuetz	**Date Sampled:** **Date Received:**	07/20/05 07/20/05
Project:	Former Ameron	**Date Analyzed:**	07/20/05
Project Address:	4635 Firestone Blvd., South Gate, CA	**Physical State:**	Soil

Modified 8015 Diesel (Simulated Distillation Extended Range)

	Sample ID Concentration (mg/Kg)					
Carbon Chain Range	AST-W-EX-SW-B-2'	AST-W-EX-EW-B-2'	MS-EX-WW-B-5'	MS-EX-SW-B-4'	SB-EX-SW-B-6'	AST-W-EX-EWE-2'
C6-C7	ND	ND	ND	ND	ND	ND
C8-C9	ND	ND	ND	ND	ND	ND
C10-C11	ND	ND	ND	ND	ND	ND
C12-C13	ND	ND	ND	ND	ND	ND
C14-C15	ND	ND	ND	ND	ND	ND
C16-C17	**4.0**	**5.0**	**1.2**	**1.0**	**1.0**	ND
C18-C19	**6.3**	**8.6**	**2.6**	**1.9**	**1.2**	ND
C20-C23	**2.8**	**19**	**5.8**	**16**	**1.6**	ND
C24-C27	ND	**35**	**1.0**	**38**	**2.4**	ND
C28-C31	ND	**25**	ND	**27**	**5.6**	ND
C32-C35	ND	**20**	ND	**20**	**5.4**	ND
C36-C39	ND	**14**	ND	**17**	**6.8**	ND
C40-C43	ND	**2.9**	ND	**5.9**	**2.4**	ND
C44+	ND	ND	ND	ND	**2.4**	ND
Total	**13**	**130**	**10**	**127**	**24**	ND
Surrogate Recovery Hexacosane % **Acceptance Range: 65% - 125%**	97%	--♦	101%	--♦	95%	90%
Dilution Factor	1	1	1	1	1	1
Practical Quantitation limits	10	10	10	10	10	10

ND = Not Detected

♦ = High Hydrocarbon concentration in this sample prevented adequate surrogate recovery

JONES ENVIRONMENTAL

LABORATORY RESULTS

Client:	LFR – Levine-Fricke, Inc.	**Report Date:**	07/21/05
Client Address:	3150 Bristol Street, Suite 250 Costa Mesa, CA 92626	**JEL Ref. No.:** **Client Ref. No.:**	A-5405 002-10311.00
Attn:	Melissa Schuetz	**Date Sampled:** **Date Received:**	07/20/05 07/20/05
Project:	Former Ameron	**Date Analyzed:**	07/20/05
Project Address:	4635 Firestone Blvd., South Gate, CA	**Physical State:**	Soil

---

Modified 8015 Diesel (Simulated Distillation Extended Range)

Carbon Chain Range	Sample ID Concentration (mg/Kg) MS-EX-SW-C-4'
C6-C7	ND
C8-C9	ND
C10-C11	ND
C12-C13	ND
C14-C15	ND
C16-C17	ND
C18-C19	**1.8**
C20-C23	**1.2**
C24-C27	**12**
C28-C31	**1.3**
C32-C35	**3.5**
C36-C39	**6.1**
C40-C43	**5.0**
C44+	**1.6**
Total	**33**
Surrogate Recovery Hexacosane % **Acceptance Range: 65% - 125%**	111%
Dilution Factor	1
Practical Quantitation limits	10

ND = Not Detected

JONES ENVIRONMENTAL

QUALITY CONTROL INFORMATION

Client:	LFR – Levine-Fricke, Inc.	**Report Date:**	07/21/05
Client Address:	3150 Bristol Street, Suite 250 Costa Mesa, CA 92626	**JEL Ref. No.:** **Client Ref. No.:**	A-5405 002-10311.00
Attn:	Melissa Schuetz	**Date Sampled:** **Date Received:**	07/20/05 07/20/05
Project:	Former Ameron	**Date Analyzed:**	07/20/05
Project Address:	4635 Firestone Blvd., South Gate, CA	**Physical State:**	Soil

---

Modified 8015 Diesel (Simulated Distillation Extended Range)

Sample Spiked: MS-EX-SW-C-4'

Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)
Diesel	87%	76%	13%	65 - 125

Method Blank = Not Detected

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

APPENDIX E

Human Health Risk
Associated with Pre-Remediation Soil Gas Data

Estimated Using USEPA and DTSC
Human Health Risk Assessment Methodologies

SG-SCREEN
PA Version 2.0; 04/

Reset to Defaults

DTSC
Vapor Intrusion Guidance
Interim Final 12/04
(last modified 1/21/05)

Soil Gas Concentration Data

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Soil gas conc., C_g ($\mu g/m^3$)	OR	ENTER Soil gas conc., C_g (ppmv)	Chemical
71432	3.30E+02			Benzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Soil gas sampling depth below grade, L_s (cm)	ENTER Average soil temperature, T_S (°C)	ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vadose zone soil vapor permeability, k_v (cm^2)
15	400	24	ls		

MORE ↓

ENTER Vandose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
ls	1.5	0.43	0.15	

MORE ↓

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
70	30	30	350

END

CHEMICAL PROPERTIES SHEET

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (°C)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (°K)	Critical temperature, T_C (°K)	Unit risk factor, URF ($(\mu g/m^3)^{-1}$)	Reference conc., RfC (mg/m^3)	Molecular weight, MW (g/mol)
8.80E-02	9.80E-06	5.54E-03	25	7,342	353.24	562.16	2.9E-05	3.0E-02	78.11

END

INTERMEDIATE CALCULATIONS SHEET

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Floor-wall seam perimeter, X_{crack} (cm)	Soil gas conc. ($\mu g/m^3$)	Bldg. ventilation rate, $Q_{building}$ (cm^3/s)
385	0.280	0.265	1.66E-08	0.824	1.37E-08	4,000	3.30E+02	3.39E+04

Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. soil temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. soil temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. soil temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Diffusion path length, L_d (cm)
1.00E+06	5.00E-03	15	7,977	5.29E-03	2.17E-01	1.80E-04	6.86E-03	385

Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)
15	3.30E+02	1.25	2.41E+01	6.86E-03	5.00E+03	1.13E+03	3.03E-04	9.99E-02

Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
2.9E-05	3.0E-02

END

RESULTS SHEET

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.2E-06	3.2E-03

MESSAGE SUMMARY BELOW:

END