Date:

June 24, 2011

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8:39 am, Jun 27, 2011

Alameda County Environmental Health

Subject:

1000 N. Vasco Road, Livermore California

Fuel Leak Case No. RO0003073

PERJURY STATEMENT

"I declare that to the best of my knowledge at the present time, the information and/or recommendations contained in the attached report are true and correct."

Submitted by Responsible Party:

Scott Menard Arbor Development Group 3650 Mt. Diablo Blvd. Suite 200 Lafayette, CA 94549

On behalf of: Eugene and Shirley Macedo Trust c/o Matt Macedo 2995 Taylor Way Byron, CA 94514





Project No. **7380.000.003**

June 17, 2011

Mr. Jerry Wickham Alameda County Environmental Health 1131 Harbor Bay Parkway Alameda, CA 94502-6540

Subject: 1000 North Vasco Road

Livermore, California

SITE CHARACTERIZATION REPORT

Dear Mr. Wickham:

ENGEO is pleased to present this site characterization report for the subject property ("Property"), located at 1000 North Vasco Road in Livermore, California (Figure 1). We have prepared this report in accordance with the approved work plan dated April 1, 2011. A leaking underground storage tank (LUST) case associated with the Property was closed in 2000; however, during recent removal of underground storage tanks (USTs) and associated piping and dispenser systems, evidence of soil and groundwater impact was encountered.

The purpose of this site characterization was to determine the extent of subsurface impact at the Property. Specifically, we addressed several data gaps that were identified in our work plan. These data gaps were as follows:

- Vertical and lateral delineation of soil impacts in the vicinity of the former USTs and dispenser systems.
- Lateral delineation of groundwater impacts in the vicinity of the former USTs and dispenser systems.
- Potential soil vapor impacts resulting from identified soil and groundwater impacts.
- Potential VOC source at the Property.
- Determination of near-surface soil impact near pad-mounted transformer.

SUMMARY OF PREVIOUS ONSITE ENVIRONMENTAL INVESTIGATIONS

ENGEO; Modified Phase One Environmental Site Assessment, 1000 North Vasco Road, Livermore, California; October 27, 2006; Project No. 7380.1.001.02.

ENGEO performed a modified phase one environmental site assessment at the Property in 2006. Two Recognized Environmental Conditions (RECs) were noted – the gas station and the

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automotive service facility. The gas station had been identified as a LUST site. Four USTs were removed from the Property in 1994. At the time of the removal, evidence of leakage was observed at the tanks and/or associated piping. The tank pits and fuel dispenser locations were over-excavated as part of the remedial action. Hydrocarbon impact was confirmed within soils near the USTs. In May 1995, three groundwater wells were installed at the Property. One well (MW-1) exhibited detectable total petroleum hydrocarbons as diesel (TPH-d) concentrations for two (first and last) of the four quarters the wells were sampled. Gasoline was reported in one well (MW-3) during the initial 1995 sampling event. None of the BTEX (benzene, toluene, ethylbenzene and total xylene(s)) compounds were detected during the sampling events.

ACEH issued a Remedial Action Completion Certification (RACC) report dated May 22, 2000, stating that no further action related to the petroleum release(s) at the Property was required, and on May 23, 2000, issued a fuel leak site closure letter acknowledging the case was closed. The Regional Water Quality Control Board (RWQCB) signed and stamped the RACC report. The Property is listed as case closed in the LUST database maintained by the RWQCB.

Kens Tire, an automotive service facility, was observed in the south-central area of the Property. Hazardous and potentially hazardous materials were stored and generated at the facility. Though good housekeeping practices were observed at this facility, ENGEO opined that it was possible that unauthorized releases may have produced localized impacts to the subject property.

Additionally, approximately 600 cubic yards of material had been stockpiled on the vacant western portion of the property, which was generated from the UST removal.

Based on the initial findings of the assessment, ENGEO's work scope was revised to include soil and groundwater sampling. Borings were advanced near USTs and dispensing equipment to facilitate soil and groundwater sampling. Composite soil samples were also collected from soil stockpile on the vacant western portion of the Property.

A total of 12 direct push soil borings were advanced near the former USTs and fuel dispenser islands. Most of the collected soil samples exhibited either non-detectable or trace concentrations of hydrocarbon analytes; however, two samples collected near the diesel USTs exhibited elevated TPH as gasoline (TPH-g), TPH-d, and TPH as motor oil (TPH-mo) concentrations (maximum concentrations of 310 milligrams per kilogram (mg/kg), 730 mg/kg, and 2,200 mg/kg for TPH-g, TPH-d, and TPH-mo respectively). No BTEX or MTBE concentrations were detected in the collected soil samples.

Groundwater samples were collected from the two monitoring wells observed on the property. The groundwater samples were recovered from MW-1 (adjacent to the former diesel tank pit) and from MW-3 (near former gasoline fuel dispensers). At the time of the investigation, MW-2 could not be located. The samples were analyzed for TPH-g, TPH-d, TPH-mo, BTEX, and MTBE. None of the samples exhibited detectable analyte concentrations.

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A total of five 4-point composite soil samples were collected from the stockpiled soil. Trace concentrations of TPH-d, TPH-mo, and toluene were detected in some of the collected samples. These concentrations were below respective screening levels. Additionally, the samples exhibited detectable concentrations of several CAM-17 metal analytes; however, these were within expected background concentrations.

ENGEO; Supplemental Environmental Services, Shell Gas Station, 1000 North Vasco Road, Livermore, California; June 20, 2007; Project No. 7380.1.002.04.

ENGEO conducted a soil gas survey at the Property in 2007. The scope of work consisted of the recovery of three soil gas samples for laboratory analysis. One sample, G-1, was the only sample documented to contain concentrations of compounds at levels above Environmental Screening Levels (ESLs) established by the RWQCB and California Human Health Screening Levels (CHHSLs) established by the California EPA Office Of Environmental Health Hazard Assessment. The detected concentrations of benzene and tetrachloroethene (PCE) were above these respective screening levels. Additionally, elevated concentrations of hexane, tetrahydrofuran, cyclohexane, and 2, 2, 4-trimethylpentane were detected. At the time, ENGEO indicated that the elevated concentrations may have been attributable to a surface or subsurface gasoline release.

Krazan and Associates; Phase I Environmental Site Assessment, BOTW No. 09-510-02, Geno's Country Store, 1000 North Vasco Road, Livermore, California; April 3, 2009; Project No. 013-09074.

Krazan and Associates, Inc. (Krazan) performed a phase I environmental site assessment at the Property in 2009. Based on their assessment of the Property, Krazan identified two RECs, two potential RECs, and one historic REC as follows.

RECs

- At the time of the reconnaissance, five former gasoline dispenser islands were observed to the east of the restaurant, and four former diesel dispensers were observed to the north of the restaurant. Further, Krazan noted evidence of three USTs to the north and northeast of the restaurant. According to available records, these included two 15,000-gallon gasoline tanks and one 10,000-gallon diesel tank. The tanks and associated dispensers were reportedly installed in 1994 and temporarily sealed and abandoned in 2008.
- Four storm drains were observed during the site reconnaissance. According to the property owner at the time of the assessment, these drains were reportedly not connected to the municipal sewer system that services the Property, but instead were connected to dry wells measuring approximately 4 to 6 feet in diameter and 15 feet in depth. Given the Property use and the shallow groundwater table, these storm drains were considered an REC.

Potential RECs

- At the time of the reconnaissance, approximately 200 waste tires were observed at the Property. Although not considered an environmental condition, these were considered a potential code compliance issue and potential environmental concern.
- Krazan noted that a citizen's complaint of oil in the creek north of the Property was filed in January 1999. The Livermore-Pleasanton Fire Department (LPFD) reportedly responded to the complaint and observed an oil sheen extending approximately 1 mile in length. A file review did not identify records associated with the spill. The Property owner at the time of the assessment indicated that he was unaware of a release associated with the Property, and an overturned tanker truck near the Property around the time of the complaint may have been responsible for the release.

Historical REC

• Krazan identified the former LUST at the Property as a historical REC. Four USTs and associated piping and dispenser systems were removed in 1994. Following tank removal and over-excavation, elevated petroleum concentrations were identified within in-place soils at the excavation. Following additional soil excavation, it was reported that the bulk of impacted soil had been removed. Three groundwater monitoring wells were installed to a depth of 15 feet below the ground surface. Following on-going groundwater monitoring, ACEH issued a Remedial Action Completion Certification (RACC) report in May 2000.

Krazan and Associates, Phase II Environmental Site Assessment, BOTW No. 09-510-02, Geno's Country Store, 1000 North Vasco Road, Livermore, California; September 28, 2009; Project No. 013-09074.

Krazan performed a phase II environmental site assessment at the Property in 2009. The work was performed to assess the RECs identified in the Phase I report as well as other potential subsurface areas of impact. A total of 17 soil borings were advanced to depths between 5 and 20 feet below the ground surface in the location of the USTs, piping, dispensers, dry wells, and sumps (including near the car wash and the restaurant grease trap). Soil samples collected from the USTs, piping, and dispensers were analyzed for the presence of TPH-g, TPH-d, BTEX, and MTBE. Samples collected near the dry wells and sumps were analyzed for the presence of total extractable petroleum hydrocarbons (TEPH), volatile organic compounds (VOCs), and CAM-17 metals. Additionally, a groundwater sample was collected from MW-3 (located to the east of the restaurant) and analyzed for the presence of TPH-g, TPH-d, BTEX, and MTBE.

TPH-d concentrations were detected in selected samples collected near the dispensers; however, these concentrations were below applicable screening levels. None of the samples collected near the USTs, piping, or dispensers exhibited detectable concentrations of TPH-g, BTEX, or MTBE. None of the samples collected near the sumps or dry wells exhibited detectable concentrations of

TEPH or VOCs. Detected metal analytes were below appropriate screening levels, or within typical background concentrations. The groundwater sample exhibited a detected MTBE concentration of 2.2 micrograms per liter (μ g/l). No other analytes were detected in the sample. Krazan attributed the MTBE detection to an offsite source.

Based on the results of the assessment, Krazan did not recommend additional subsurface assessment in the areas that had been investigated.

Tank and Pipeline Removal Narrative, 1000 N. Vasco Road Livermore, California, January 21, 2011 and January 27, 2011.

ENGEO reviewed a tank and pipeline report, summarizing work observed by Mr. Marc Papineau. Following diesel and gasoline tank removal, a total of 23 soil samples were collected, including four from the gasoline storage tank pit, four from the diesel tank pit, 12 from the piping trenches, one from the base of the vent pipe rack below elbow depth, and two from soil stockpiles generated during removal. Additionally, two pit water samples were collected (one from each of the two tank pits). The sampling was reportedly performed under the observation of Inspector Danielle Stefani of the LPFD.

Trace TPH-d concentrations were identified in some of the soil samples collected near the gasoline dispensers. Additionally, elevated concentrations of TPH-d (ranging from 1,400 to 3,200 mg/kg) were detected in three near-surface soil samples collected near the former diesel dispensers. Concentrations of TPH-g (240 μ g/l), MTBE (0.98 μ g/l), TBA (5 μ g/l), toluene (6.3-7.6 μ g/l), ethylbenzene (3.8-4.6 μ g/l), and xylene(s) (38-41 μ g/l) were detected in the water sample collected from the gasoline tank pit. The diesel tank pit water sample exhibited concentrations of 540,000 μ g/l of TPH-d, 190 μ g/l ethylbenzene, 800 μ g/l toluene, and 1,500 μ g/l xylene(s).

ENGEO; Phase I Environmental Site Assessment Update, Macedo Property, Livermore, California; March 18, 2011; Project No. 7380.000.002.

ENGEO prepared a phase I environmental site assessment update in March 2011. A review of regulatory databases maintained by county, state, and federal agencies identified the Property as a previous LUST case, having been granted closure in 2000. A review of regulatory agency records and available databases did not identify contaminated facilities within the appropriate ASTM search distances that would be expected to affect the Property. The ESA report noted the recent removal of diesel and gasoline tanks from the Property as well as the reported soil and groundwater impact near the tanks and appurtenant facilities.

During the March 2011 site reconnaissance, several standpipes were observed around the perimeter of the automotive repair facility. The purpose of these standpipes was subsequently reported to be affiliated with an unfinished sewer system. Additionally, the potential presence of asbestos-containing building materials (ACBM) and lead-based paints was noted, and a

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lead-based paint and asbestos survey was recommended prior to demolition or significant renovation of the structures.

Several locations across the Property were observed to include the storage and use of fresh and waste petroleum products and potentially hazardous materials, as well as waste tires. Although testing of these materials and locations was not recommended at the time of report preparation, recommendations were made for removal and proper disposal of these materials. Additionally, a recommendation was made for an environmental professional to observe demolition and grading activities in these locations to determine if environmental impact had occurred.

Based on the findings of this assessment, two Recognized Environmental Conditions (RECs) were identified: the documented soil and groundwater impact associated with the former USTs and the presence of an automotive service facility. Several potential and historical RECs were identified for the Property, including the potential presence of lead-based paint and asbestos-containing building materials, the historic LUST case (closed in 2000), and the aforementioned storage of fresh and waste petroleum product, potentially hazardous materials, and waste tires.

SITE CHARACTERIZATION FIELD WORK

To address these identified data gaps, several field sampling activities have been completed at the Property. These activities are presented below.

Soil Sampling

Subsurface Soil Sampling

The purpose of the subsurface soil sampling study was to define further the inferred area of soil impact located in the vicinity of the former USTs and dispenser systems, as well as to determine if soil in other portions of the Property had been impacted during historic land uses and operations. We collected continuous soil cores from a total of 14 locations (Figure 2) on April 19 and 20, 2011, with the assistance of a C-57 licensed Geoprobe® direct push rig. One boring, Boring GP8, was moved approximately 20 feet to the south of its originally intended location due to access issues.

Continuous soil cores from each boring were logged by an ENGEO representative. Specific soil samples were collected for laboratory analysis by cutting a 6-inch portion of the Geoprobe® soil core liners corresponding to the respective desired sampling depths. Generally speaking, three samples were collected from each boring at respective depths of 4, 8, and 12 feet below the ground surface. During sampling, the retrieved soils were screened for visual and olfactory evidence of impact as well as with a photoionization detector (PID) for volatile organic vapors. On occasion, there was evidence or suspicion of impact within the collected soil profile. In these instances, additional or alternate samples were collected and submitted for analysis.

The sample sleeves were sealed using Teflon sheets secured by tight-fitting plastic end caps and labeled with a unique sample number, sample location, time/date collected, lab analysis, and the sampler's identification. The soil samples were placed in an ice-cooled chest submitted under documented chain of custody to SunStar Laboratories, a State-certified laboratory based in Lake Forest, California. The submitted soil samples were analyzed for the following target analytes:

- TPH-g, methyl-tert butyl ether (MTBE), benzene, toluene, ethylbenzene, and xylene(s) (BTEX) and fuel oxygenates (EPA 8260B)
- TPH-d and TPH-mo (EPA/8015M with silica gel cleanup)
- Volatile organic compounds (VOCs) by EPA Test Method 8260B

As presented in Table 1 (attached), several samples exhibited detectable concentrations of TPH-d. These include samples collected from Borings GP2, GP4, GP9, GP10, GP11, GP12, and GP14. The borings are located in the vicinity of the former gasoline and diesel USTs, the diesel pump dispensers, and the former diesel tanks removed in 1994. In most cases, these detected residual concentrations were below representative ESLs residential land use scenario¹; however, detected concentrations exceeded representative ESLs in three samples. Sample GP4@4' (TPH-d = 110 mg/kg); GP9@10' (270 mg/kg), and GP10@10' (860 mg/kg) exceeded the respective ESL of 83 mg/kg. Additionally, two samples exhibited TPH-mo concentrations that exceeded the respective ESL of 370 mg/kg; GP2@4' (880 mg/kg) and GP4@4' (1,000 mg/kg). In all cases, these samples (collected from the areas of the former USTs and dispenser pumps) were underlain by samples that did not exhibit detectable TPH-d or TPH-mo concentrations. The concentrations and locations of TPH impact are similar to those encountered during previous investigations at the Property. Additional discussion of the extent and location of these impacts are presented in later sections of this report. The laboratory analysis report of these samples is presented in its entirety in Appendix A.

Soil Sampling Near Existing Transformer

Soil samples were collected near a pad-mounted transformer, located to the west of the existing restaurant structure. A total of four soil samples were collected from an approximate depth of 3 inches below the ground surface at the locations shown in Figure 2. The soil samples were recovered using 2-inch-diameter by 6-inch-long stainless steel liners. The samples were sealed with Teflon, plastic end caps and duct tape, and preserved in an ice-cooled chest before being transported under documented chain of custody to SunStar Laboratories, a State-certified

¹ SFRWQCB ESLs, 2008: Table A-1 – Shallow Soil Screening Levels for Residential Land Use where Groundwater is a Potential Drinking Water Source.

laboratory based in Lake Forest, California. The submitted soil samples were analyzed as a four-point composite for the following target analytes:

- Polychlorinated biphenyls (PCBs) by EPA Method 8082
- TPH-d and TPH-mo (EPA/8015M with silica gel cleanup)

As presented in Table 2, the composite soil sample (labeled as "Composite"), did not exhibit detectable concentrations of PCBs. The sample exhibited detected concentrations of 34 and 39 mg/kg, respectively, for TPH-d and TPH-mo. These concentrations are below respective ESLs. The laboratory analysis report of these samples is presented in its entirety in Appendix A.

Soil Stockpiles

Approximately 600 cubic yards of stockpiled soil are located at the western portion of the Property. The stockpiled soil was reportedly excavated and placed at the time of UST removal in 1994. We understand that the stockpiled material will ultimately be transported from the Property for disposal at an appropriate facility. Although ENGEO staff sampled the soil material in 2006 (trace residual petroleum hydrocarbon concentrations were detected in selected samples), ACEH requested additional sampling.

At the time of sampling, the stockpiled soil was in a different configuration that at the time of the 2006 sampling. The current configuration was not observed or confirmed at the time of the 2011 ESA update; heavy vegetation obscured this area at the time of that study. The stockpile configuration present at the time of sampling is presented in Figure 2.

A total of eight surface soil samples were collected from these soils as depicted on Figure 2. The soil samples were recovered using 2-inch-diameter by 6-inch-long stainless steel liners. The sample sleeves were sealed using Teflon sheets secured by tight-fitting plastic end caps and labeled with a unique sample number, sample location, time/date collected, lab analysis, and the sampler's identification. The soil samples were placed in an ice-cooled chest submitted under documented chain of custody to SunStar Laboratories, a State-certified laboratory based in Lake Forest, California. The submitted soil samples were analyzed for the following target analytes:

- TPH-g, MTBE, BTEX, and fuel oxygenates (EPA 8260B)
- CAM-17 metals (EPA Methods 6010B and 7471)

As presented in Table 2 (attached), the soil samples (labeled as D1 through D8), did not exhibit detectable concentrations of TPH-g, BTEX, or fuel oxygenates. Several CAM-17 analytes were detected; however, these concentrations were within typical background concentrations in the Livermore area. These concentrations are below respective ESLs considering a residential land-use scenario. Also presented in Table 2, the samples collected in 2006 did not exhibit detectable TPH-g, BTEX, or MTBE concentrations. Residual concentrations of TPH-d and

TPH-mo were detected in the 2006 samples; however, these were below ESLs assuming a residential land-use scenario. Additionally, the CAM-17 analyte concentrations in the 2006 and 2011 samples were of a similar magnitude and were within typical background concentrations. As the 2011 samples are similar to the 2006 samples, and none of the target analytes exceed respective ESLs, it is our opinion these soils have been adequately characterized and could be considered for appropriate disposal without special considerations or for unrestricted re-use at the Property. The laboratory analysis report of the 2011 samples is presented in its entirety in Appendix A.

Groundwater Sampling

To determine the extent (if any) of groundwater impact at the Property, a groundwater study was performed. Samples were collected at multiple locations across the Property, including near the former diesel and gasoline USTs and dispenser pumps. A total of nine grab groundwater samples were collected on April 19 and 20, 2011, from locations depicted on Figure 3. Although initially planned, groundwater could not be collected from Boring GP5-GW. An additional sample was collected from GP11. Additionally, a sample collected from GP9-GW was inadvertently destroyed following recovery. Sample recovery was also attempted from the three existing onsite groundwater wells. However, MW-1 did not yield groundwater, and MW-2 could not be located. Therefore, only MW-3 could be sampled.

The groundwater samples were collected from the depth of the first encountered groundwater, approximately 8 to 9 feet below the ground surface. The grab groundwater samples were collected using Geoprobe® direct push technology. Temporary PVC casings were used in each borehole to facilitate collection; groundwater samples were collected using dedicated disposable bailers. Following collection, well points were removed and backfilled in accordance with Zone 7 Water Agency requirements.

When collecting groundwater from MW-3, the depth to the groundwater surface was measured using an electronic water level indicator. Three well casing volumes of groundwater were purged from the well using a dedicated disposable bailer. The purge water was transferred into a drum and removed from the Property by the drilling contractor.

Upon collection, groundwater samples were placed into laboratory-provided, pre-preserved sample containers. Each container was labeled with sample identification, sample location, date and time of collection and sampler's identification. The groundwater samples were placed in an ice-cooled chest submitted under documented chain of custody to SunStar Laboratories, a State-certified laboratory based in Lake Forest, California. The submitted groundwater samples were analyzed for the following target analytes:

- TPH-g, MTBE, BTEX, and fuel oxygenates (EPA 8260B)
- TPH-d and TPH-mo (EPA/8015M with silica gel cleanup)
- VOCs by EPA Test Method 8260B

As presented in Table 3 and on Figure 3, in most cases, none of the collected groundwater samples exhibited detectable concentrations of TPH-mo, BTEX, fuel oxygenates, or most VOCs. Once sample (GP1-GW) exhibited a total xylene(s) concentration of 2.6 μ g/l. Additionally, three samples (GP7-GW, GP10-GW, and MW-3) exhibited respective trichloroethene (TCE) concentrations of 2, 2.3, and 1.2 μ g/l. These total xylene(s) and TCE concentrations are all below respective Maximum Contaminant Levels (MCLs).

One sample, GP1-GW, exhibited a TPH-g concentration of 55 μ g/l and a TPH-d concentration of 890 μ g/l. While the TPH-g concentration is below its respective ESL², the TPH-d concentration exceeds the ESL of 100 μ g/l assuming a residential land use scenario. Additionally, GP11-GW exhibited a TPH-g concentration of 110 μ g/l, exceeding its respective ESL of 100 μ g/l assuming a residential land use scenario. The laboratory analysis report of the 2011 samples is presented in its entirety in Appendix A.

Soil Vapor Sampling

In addition to soil and groundwater sampling, we performed a soil vapor sampling program. A total of 12 soil vapor monitoring wells were installed in locations situated across the Property, as shown in Figure 5. Some of the soil vapor monitoring wells were installed in different locations than originally intended as follows:

- SG-8 was moved from a location west of the northern metal shed to approximately 10 feet from the northeast corner of the shed due to access limitations.
- SG-7 was moved approximately 50 feet to the south of its originally intended location due to the placement of SG-8.
- SG-9 was moved approximately 20 feet to the south of its originally intended location due to access limitations.
- SG-1 was moved approximately 10 feet to the east of its originally intended location due to difficult drilling conditions.

The installation and sampling of the soil vapor monitoring wells was performed in accordance with the Department of Toxic Substances Control (DTSC) *Draft Advisory – Active Soil Gas Investigation (March 2010)*. The wells were installed on April 19 and 20, 2011. The soil vapor monitoring well casings consist of ¼-inch diameter Teflon® tubing equipped with a filter at the base of the tubing. The wells were installed within an approximately 4-inch-diameter soil boring to a depth of 5.5 feet below ground surface. Upon completion of the boring, approximately

² SFRWQCB ESLs, 2008: Table F-1A – Groundwater Screening Levels where Groundwater is a Potential Drinking Water Source.

6 inches of No. 3 sand was placed into the bottom of the boring. The well casing was inserted such that the filter is situated at 5 feet below the ground surface, with the top of the Teflon tubing extending approximately 6 inches above the ground surface. Approximately 6 inches of sand was placed into the annular space of the boring, followed by 12 inches of hydrated bentonite. The final well seal was installed by filling the remaining 3 feet of the boring with neat cement grout. A well construction diagram is included as Figure 6.

Vapor samples were collected from the soil vapor monitoring wells on May 13, 2011. The sample train was connected to the Teflon tubing emanating from the well using airtight connectors and a built-in flow controller set to 150 ml/min. Prior to sample collection, a purge canister was opened and three purge volumes were extracted from the well. The purging process also allowed for a system leak test. After purging, a sample was collected by opening the sample canister valve and allowing the sample canister to extract soil vapor until the vacuum in the sample canister reached approximately 5 inches Hg. The leak detection compound 1,1-Diflouroethane was applied to cloth rags, which were placed around the manifold fittings during sample collection as an additional system leak check.

Following sampling, each sample canister was submitted under documented chain of custody to SunStar Laboratories, a State-certified laboratory based in Lake Forest, California. The submitted groundwater samples were analyzed for volatile organic compounds (VOCs), including TPH-g, by EPA Test Method TO-15.

As presented in Table 4 (attached), several VOCs were detected in the soil vapor samples. With limited exception, these detected concentrations were below respective ESLs considering a residential land use scenario³. Several of the detected VOCs, including a range of chlorinated solvents, were not present in soil and groundwater and are considered to have originated from an offsite source. One sample, SG4, exhibited a tetrachloroethene concentration of 450 μ g/m³, which exceeds the ESL of 410 μ g/m³. Additionally, several samples exhibited TPH-g concentrations that exceed the respective ESL of 10,000 μ g/m³. Additional discussion of the extent and location of these impacts are presented in later sections of this report. The laboratory analysis report of these samples is presented in its entirety in Appendix B.

CONCEPTUAL SITE MODEL

Combining the data from the recent workplan with that collected during the past explorations and sampling programs completed by ENGEO, Krazan, and Mr. Marc Papineau, we have prepared a conceptual site model (CSM). The CSM has been developed from the known site history and soil and groundwater data collected at the Property to date. A discussion of the source and type of contamination, contaminant migration, extent of impact, and a receptor exposure assessment are presented in the following sections.

³ SFRWQCB ESLs, 2008: Table E-2 – Shallow Soil Gas Screening Levels for Residential Land Use.

Geology and Topography

The site is located within the Coast Ranges geomorphic province of California. The Coast Ranges are dominated by a series of northwest-trending mountain ranges that have been folded and faulted in a tectonic regime that involves both translational and compressional deformation. The site is located in the southwest portion of the Livermore Valley, which is underlain by a thick sequence of alluvial deposits. The soil deposits in this area are mapped as Pleistocene alluvial fan and fluvial deposits (Helley & Graymer, 1997). According to published USGS topographic maps, the Property slopes gently westward at an elevation of approximately 525 to 530 feet above mean sea level. The earthen slope of the flood control channel bordering the site along the eastern portion of the northern property line is approximately 8 feet in height.

Subsurface Stratigraphy

Based on the findings of ENGEO's past field explorations at the Property, the site soils consist of fill over interbedded silty clay, sandy clay, clayey sand and silty sand with various amounts of gravel. Fill found in a boring drilled at the eastern portion of the site is approximately 2 feet thick and consists of silty clay. The sandy deposits were found to be loose to medium dense in consistency. According to previous CPT soundings, the sandy layers range from very thin to up to approximately 10 feet in thickness. The clayey soils were found to be very stiff (ENGEO, 2010). The borings completed during this workplan confirmed these findings, as interbedded layers and lenses of clayey, sandy, and gravelly soils were encountered. Boring logs are attached in Appendix D.

Groundwater

Groundwater has been encountered at approximate depths ranging between 8 and 15 feet below the ground surface during past geotechnical explorations, environmental investigations, and monitoring well sampling events. During this workplan, groundwater was encountered at a depth of approximately 8 to 9 feet below the ground surface. Although a groundwater direction and gradient could not be determined during this study, the groundwater gradient and flow was determined to be directed in a west-northwest to northwesterly direction during past explorations (Krazan, 2009b).

Sensitive Receptor Survey

A Sensitive Receptor Survey (SRS) was performed for the site vicinity. One supply well, 2S/2E 35L2, was discovered within a 2,000-foot radius at a listed addresses of 1151 Central Avenue. The well completion reports indicated that the screened intervals were from 35 to 43 feet and 61 to 81 feet below ground surface (bgs). In addition, the well completion reports indicated that the well is used for irrigation.

The approximate location for the previously mentioned well is depicted in Figure 7.

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Nature and Source of Contamination

Petroleum hydrocarbons (TPH-d and TPH-g) have been identified as the constituents of concern (COC) in soil and groundwater at the Property. The soil and groundwater impacts are associated with three of the four former UST locations and two of the three former dispenser locations; all located within the northeast portion of the Site.

The most notable soil impacts are attributed to releases of TPH-d, which appear to have occurred from the dispenser lines, as well as the USTs, since identified soil impacts have been detected at depths ranging from as shallow as 3 feet below the ground surface to as deep as 10 feet below the ground surface (Figure 4). Detections of TPH-mo are collocated in some areas that exhibited TPH-d impacts, which is likely due to weathering of the TPH-d fraction. TPH-g impacts to soil appear to be less extensive compared to TPH-d, and there have been no significant detections of BTEX in soil.

We suspect that much of the TPH-d impact likely occurred before the installation of the new double-wall UST and product lines in 1994. At the time of UST removal in 1994, some impacted soil was removed, although impacted soil remained in-place, potentially acting as source for the limited groundwater impact that has been detected. Given this, we would expect the groundwater impacts to have attenuated to some extent following the 1994 removal, followed by subsequent conditions of equilibrium. This is supported by historical groundwater data, which shows that the maximum TPH-d concentration detected during our 2011 investigation (890 µg/l) is slightly less than the maximum TPH-d concentration detected in MW-1 in 1995 (910 µg/l). Following remedial activity (described below), target analyte concentrations in MW-1 subsequently decreased to non-detectable concentrations, last confirmed in 2006. TPH-g was detected in one grab groundwater sample at a concentration slightly above the respective ESL (Figure 3). Neither benzene nor MTBE was detected in any of the monitoring wells or soil boring samples. Based on the relatively limited groundwater impacts, we would expect RWQCB to categorize this Site as low risk.

Elevated concentrations of TPH-g and associated VOCs have been detected in shallow soil vapor samples collected at multiple locations at the Property (Figure 5). This is expected since numerous dispensers and shallow product lines were recently removed from the Property and residual fresh product may have come in contact with shallow soil. Despite the elevated TPH-g concentrations, only low-level concentrations of BTEX compounds (all below respective ESLs) and other hydrocarbon analytes typically associated with gasoline were detected. Further, the analytical laboratory has indicated that the detected TPH-g within soil vapor does not follow a typical pattern and is constituted on heavier-phase hydrocarbon chains, further substantiating our opinion that it is emanating from the identified TPH-d soil impact. It is expected that these concentrations will dissipate with time. Removal of the impacted soil from the former UST and dispenser locations will accelerate the rate of dissipation.

Several of the TPH-g concentrations exceeded the respective soil vapor ESL of $10,000~\mu g/m^3$ considering a residential land use scenario. However, for a non-carcinogenic risk, this ESL assumes a Hazard Quotient (HQ) of 0.2. If the more common value of 1.0, used by both CAL-EPA and USEPA, is substituted for 0.2 into the equation used for calculating non-carcinogenic indoor air screening levels⁴ and all other terms are kept constant, the threshold ESL would increase to a value of $50,000~\mu g/m^3$, which is greater than any of the measured TPH-g soil vapor concentrations. Therefore, the measure TPH-g concentrations are not considered indicative of a threat to future residential land users.

As discussed in an earlier section of this report, a soil vapor sample collected in 2007 in the vicinity of the gasoline dispensers exhibited elevated concentrations of benzene and other analytes typically associated with fresh gasoline. None of the analyte concentrations in any of the recently collected soil vapor samples approached the concentrations detected in the 2007 samples. Since the 2007 sample was collected near an active dispenser, the elevated concentrations and the presence of detected analytes often attributed to fresh gasoline have been attributed to sampling error or interference from fueling operations.

Relatively low concentrations of PCE and TCE have been detected in groundwater and soil vapor in various sample locations at the Property. Given that the highest concentration of TCE was exhibited in the southernmost groundwater sample (GW10) and there have been no documented releases or suspected use of chlorinated solvents at the Property, the impacts appear to represent a "background" condition, which likely originated from an upgradient source south of the Property. Although one soil vapor sample (SG4) exhibited a PCE concentration (450 μ g/m³) in excess of its respective ESL, this concentration is not considered indicative of the overall PCE concentrations present in soil vapor at the Property.

To analyze further the potential representative PCE concentration at the Property, a 95 percent upper confidence level (UCL) concentration was calculated following the methods established by the United States Environmental Protection Agency (USEPA). A 95 percent UCL represents a threshold concentration with the following characteristic: the true mean concentration of the analyte within the study area has a 95 percent probability of being less than or equal to the UCL concentration. The analysis, presented in Appendix C, was performed using USEPA's ProUCL Version 4.00.02 software. The software computes the 95 percent UCL using a variety of accepted statistical methods and recommends a value based on the distribution of the data. Based on the ProUCL analysis, a UCL of 221.2 μ g/m³ has been computed for the PCE samples. This compares to a computed mean concentration of 151.1 μ g/m³. Both of these values are below the ESL of 410 μ g/m³. As a result, the PCE concentrations within soil vapor are not expected to impact proposed residential development at the Property, or pose a risk to future residents.

⁴ SFRWQCB ESLs, 2008: Page 7-1 – Indoor Air Screening Level Equation – Non-Carcinogens.

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Contaminant Migration and Extent of Impact

Based on the data collected during the previous and recent field investigations, TPH-d impacts to soil are present in the lower sidewalls and bases of the UST/dispenser basin excavations and within the basin backfill. Soil remediation appears to be warranted for these four "areas of concern" (Figure 4) to prevent potential impact to groundwater and to expedite attenuation of the residual groundwater impacts. The specific locations of the remaining soil impacts and reported concentrations are summarized as follows:

- Shallow soil impacts are present at a depth of 3 feet below the ground surface beneath the three northern diesel dispensers that were removed in 2011. Detected concentrations of TPH-d range from 1,400 to 3,200 mg/kg (PL3-S10 through PL3-S12) at this depth. Beneath the northernmost dispenser, the soil impacts extend to a depth of 10 feet below the ground surface; a TPH-d concentration of 860 mg/kg was detected in GP10. Samples collected from a depth of 12 feet below the ground surface did not exhibit detected concentrations of petroleum hydrocarbons.
- Soil impacts are present at depths of 9 to 10 feet below the ground surface within the approximate limits of the diesel UST basin that was excavated in 1994. At the time of the UST removal in 1994, a limited over-excavation was performed which partially removed the soil impacts. Additionally, an enhanced bioremediation product was placed in groundwater that was present in the open excavation prior to backfilling. The attenuation of TPH-d impacts that were initially detected in MW-1 is attributed to this remedial activity. Recent sampling in this area has confirmed the presence of some remaining TPH-d impact; TPH-d was detected within the approximate sidewalls and base of the former excavation at concentrations ranging from 270 to 2,200 mg/kg (GP9 and 3-P1; collected in 2011 and 2006, respectively). Sample GP9-12', collected from a depth of 12 feet below the ground surface, did not exhibit detected concentrations of petroleum hydrocarbons.
- Impacts within backfill were identified at a depth of 4 feet below the ground surface within the eastern portion of the diesel UST basin that was excavated in 2011. TPH-d was detected in sample GP4 at a concentration of 110 mg/kg, which exceeds its respective ESL. TPH-mo was detected in the same sample at a concentration of 1,000 mg/kg, also exceeding its ESL. Deeper soil boring data from this area and the confirmation samples collected during the UST removal did not identify detectable petroleum hydrocarbon concentrations.
- Hydrocarbon impact was also detected within backfill soils within the southeast portion of
 the gasoline UST basin that was excavated in 2011. TPH-mo was detected (880 mg/kg) at a
 depth of 4 feet below the ground surface, which is possibly a result of soil from the diesel
 UST excavation being placed as backfill in the gasoline UST excavation. Deeper soil boring
 data from this area and the confirmation samples collected during the UST removal did not
 exhibit detectable concentrations.

Groundwater data has been collected from three monitoring wells and numerous grab samples. Of particular importance is MW-1, which is located at the downgradient edge of the diesel UST basin that was excavated in 1994 (Figure 3). Our findings regarding the groundwater impacts are summarized as follows:

- Five quarterly monitoring events have been completed for MW-1 since the well was installed in 1995. Detections in MW-1 have been limited to TPH-d at concentrations of 910 μg/l in 1995 and 228 μg/l in 1996. During the four quarterly monitoring events completed for MW-2 and MW-3 in 1995 and 1996, no detections above laboratory reporting limits were reported. MW-1 and MW-3 was sampled by ENGEO in 2006; neither well exhibited detectable TPH or BTEX concentrations. MW-3 was sampled in 2009 and again during the recent field activity. No TPH or BTEX analytes were detected during either sampling event. TCE was detected during the recent sampling event at a concentration of 1.2 μg/l, which appears to be associated with an offsite source.
- Grab groundwater samples were collected in January 2011 during UST removal and excavation activities. Significantly elevated concentrations of TPH-d, TPH-g, and benzene were detected in these samples; maximum concentrations of 540,000 μg/l, 4,400 μg/l, and 91 μg/l were detected for TPH-d, TPH-g, and benzene, respectively. We understand these samples were collected from groundwater that had infiltrated into the excavation shortly after tank removal. We further understand that no purging of the infiltrating groundwater occurred, and that the samples were collected from an area that may have been locally and briefly impacted by remnant free product released from equipment and adjacent soil during removal. Further, the highest detected concentrations within samples collected during UST removal were within samples collected from the diesel UST excavation. Groundwater samples subsequently collected from this area (GP4 and GP6) did not exhibit detectable concentrations of any petroleum hydrocarbons or other target analytes. Therefore, the elevated concentrations in samples collected at the time of UST removal have been attributed to transient, localized impact that occurred during equipment and adjacent soil removal, and are not considered representative of groundwater conditions.
- Grab groundwater samples were collected from nine soil borings in 2011. GP1, located approximately 50 feet southeast of MW-1, exhibited TPH-d and TPH-g concentrations of 890 and 55 μg/l. GP11, located approximately 50 feet southwest of MW-1, exhibited a TPH-g concentration of 110 μg/l. The remaining seven grab sample locations did not exhibit detectable target analyte concentrations above laboratory reporting limits.

Based on a review of the extensive groundwater data collected at the Property since 1994 (Figure 3), groundwater impacts appear to be present in a localized area to the south of MW-1, near the former diesel dispensers (represented by samples collected at GP1 and GP11). As in the case of groundwater impacts previously observed at MW-1 that subsequently decreased to

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non-detectable conditions, this limited area of low-level groundwater impact is expected to attenuate following the removal of the identified areas of soil impact.

CONCLUSIONS AND RECOMMENDATIONS

As described in this report, petroleum hydrocarbon impact (consisting primarily of diesel-range hydrocarbons) is present near the former gasoline and diesel USTs and diesel dispenser lines. This lateral and vertical extent of impact has been well defined within this area during studies dating to the mid-1990s. Figure 4 depicts the footprint of soil impact demonstrating the lateral distribution of the impact.

Additionally, the isolated groundwater impacts present at the Property are limited in magnitude and in extent. Only two grab groundwater samples exhibited concentrations in excess of respective ESLs. Groundwater sampling dating to the 1990s has identified low-level, intermittent concentrations that were below respective ESLs in most cases. Elevated TPH concentrations detected at the time of UST removal in early 2011 do not appear to be representative of groundwater conditions and have been attributed to cross-contamination or other transient conditions at the time of sampling.

Further, although elevated gasoline-range hydrocarbons were detected in soil vapor samples collected at the Property, these concentrations have been confirmed to consist of hydrocarbon ranges associated with advanced weathered gasoline or heavier fuel ranges. These are likely attributable to the aforementioned soil impacts. Detections in soil vapor samples collected in areas outside of the former UST or dispenser areas have been attributed to soil vapors emanating from the identified area of impact.

Although numerous remedial strategies may be considered, given the conditions at the Property, including the limited and well-defined soil impact, the low-level groundwater impact resulting from past UST releases, and the physical properties of the contamination present, an excavation program has been identified as the best remediation option. Since the elevated soil vapor concentrations have been attributed to the soil impact, it is expected that these concentrations will rapidly attenuate following source removal. Further, once the identified soil impact (located at or above the groundwater table) is removed, it is expected that the low-level, isolated groundwater impacts will also attenuate.

ENGEO proposes that a remedial workplan be prepared to outline an excavation program in detail. In concept, soils suspected of impact will be excavated under the full-time observation of an ENGEO engineer or geologist. During excavation, soils will be screened for evidence of impact. Both excavated soil and soil in-place at the excavation sidewalls and base will be sampled and analyzed for petroleum hydrocarbon analytes. Impacted soil would be removed from the Property and transported to an appropriate facility for disposal. Clean overburden soils would be used as engineered backfill within the resulting excavation. Because the residual

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groundwater impact is expected to attenuate and is already relatively limited in extent, additional groundwater monitoring is not considered appropriate.

In addition to the proposed excavation program, we propose to remove the existing piping systems at the Property. Previous correspondence from ACEH indicated that a PVC pipe had been installed at the time of diesel UST excavation backfill in 1994. Additionally, several standpipes reportedly associated with a partially constructed sewer line were observed near the existing automotive service facility. ENGEO discussed the presence of these devices with Zone 7 Water Agency staff to determine preferred methods for proper abandonment. Zone 7 Water Agency staff indicated that the standpipes could be destroyed in accordance with their well abandonment procedures. The destruction of these standpipes and the removal of the PVC pipe at the location of the former diesel UST excavation will be performed at the time of site demolition.

If you have any questions on any portion of the workplan, please call and we will be glad to discuss them with you.

Shawn Munger, CHG, REAIN

Sincerely,

ENGEO Incorporated

Jeffrey A. Adams, PhD, PE

jaa/sm/rc

Attachments: Selected References

Figures 1-7Tables 1-3Appendices A-D

cc: 1 - Mr. Scott Menard, Arbor Development Group, LLC



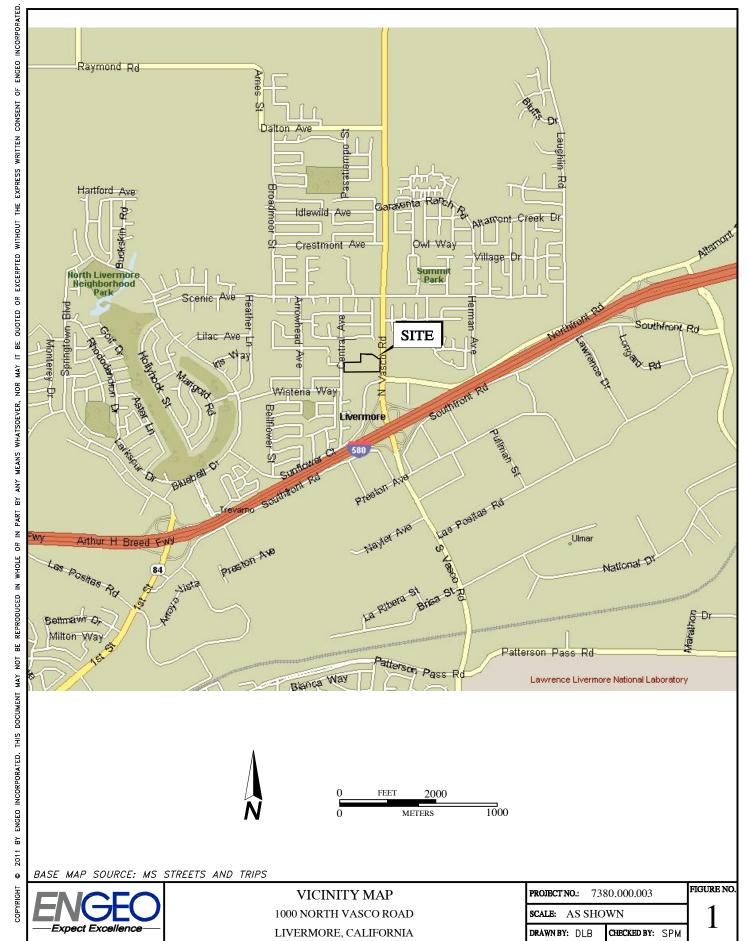
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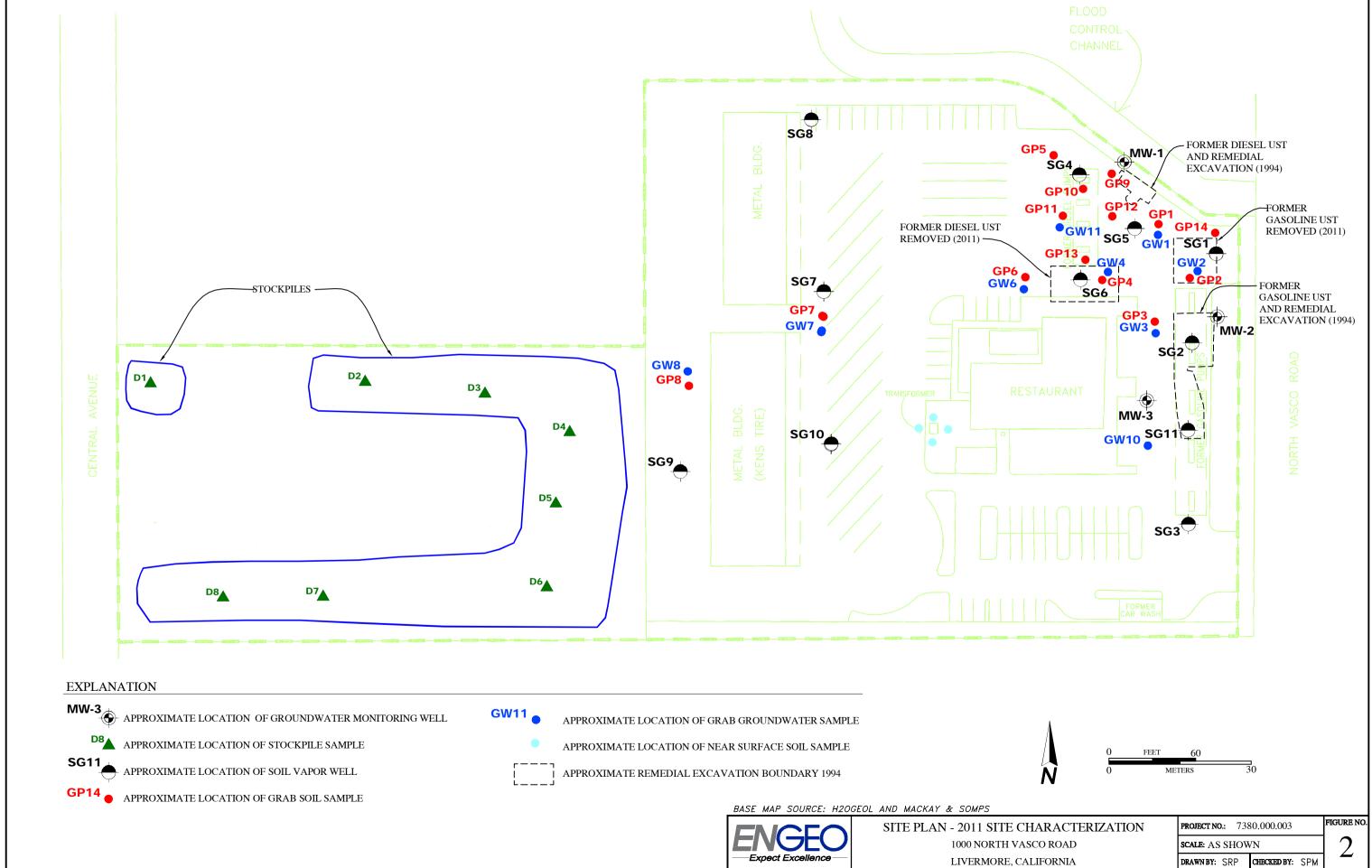


FIGURES

Figure 1 – Vicinity Map
Figure 2 – Site Plan – 2011 Site Characterization
Figure 3 – Groundwater Data – 2011 Site Characterization
Figure 4 – Soil Data – 2011 Site Characterization and Previous Investigations
Figure 5 – Soil Vapor Data – 2011 Site Characterization and Previous Investigation
Figure 6 – Soil Vapor Well Construction Diagram
Figure 7 – Water Supply Wells Within 2,000 Feet of 1000 North Vasco Road

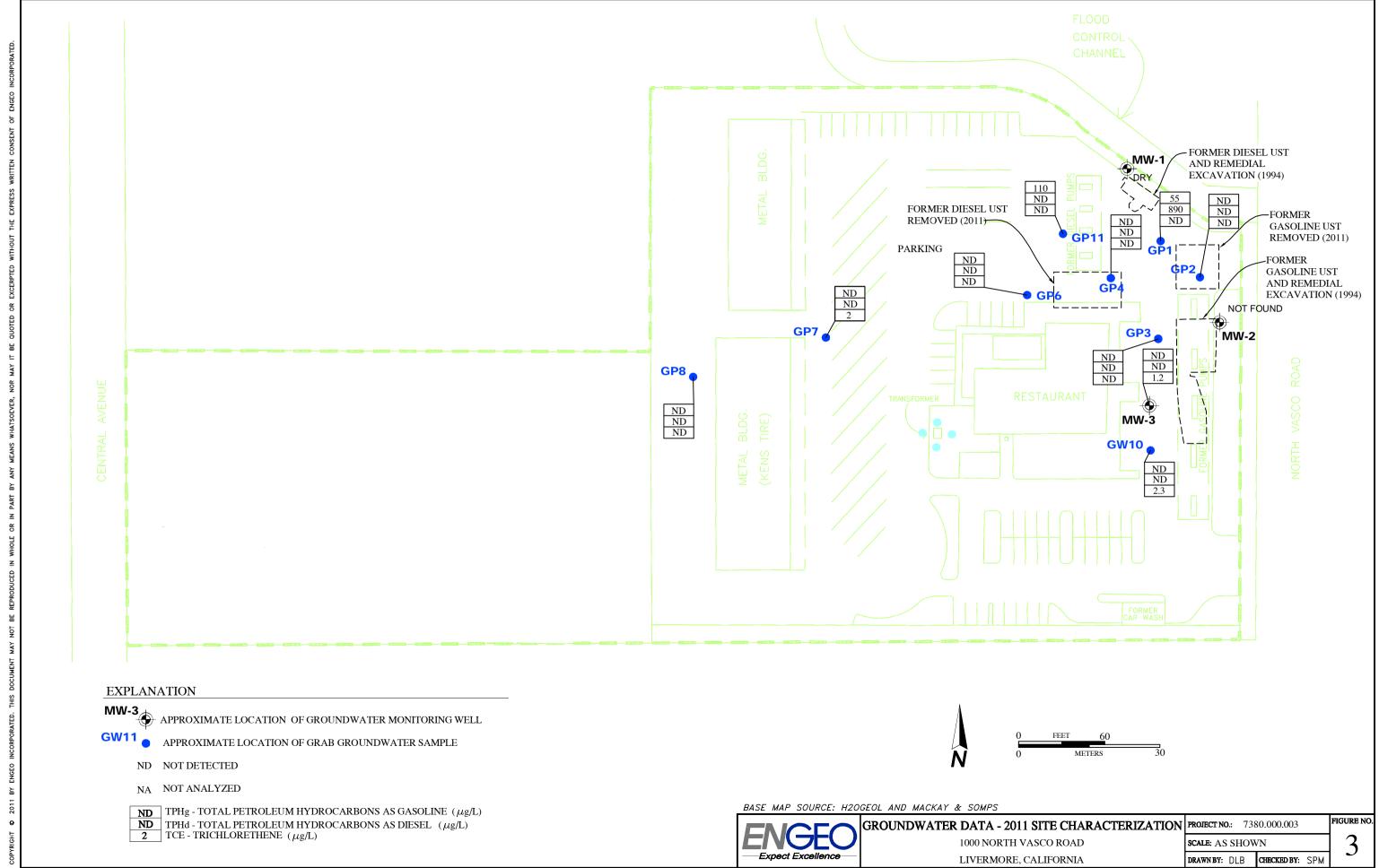


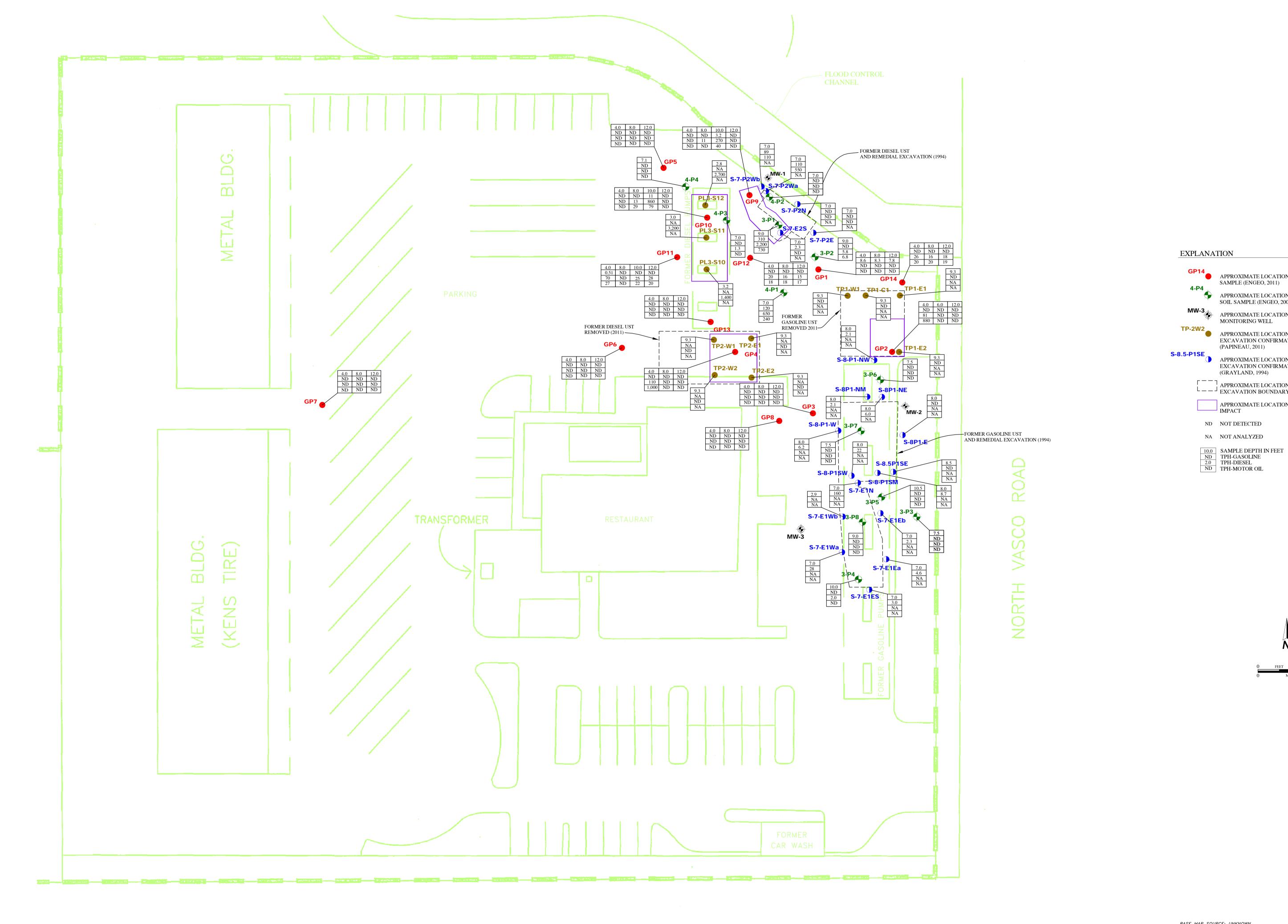
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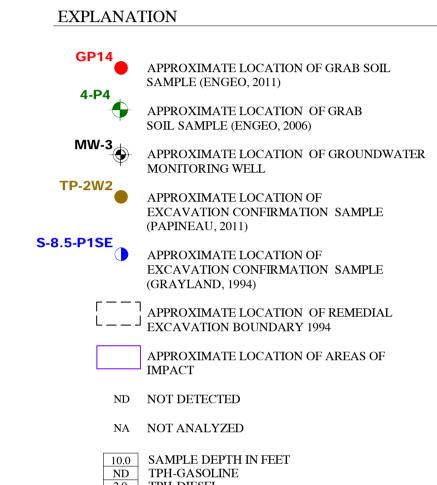


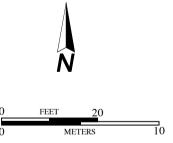
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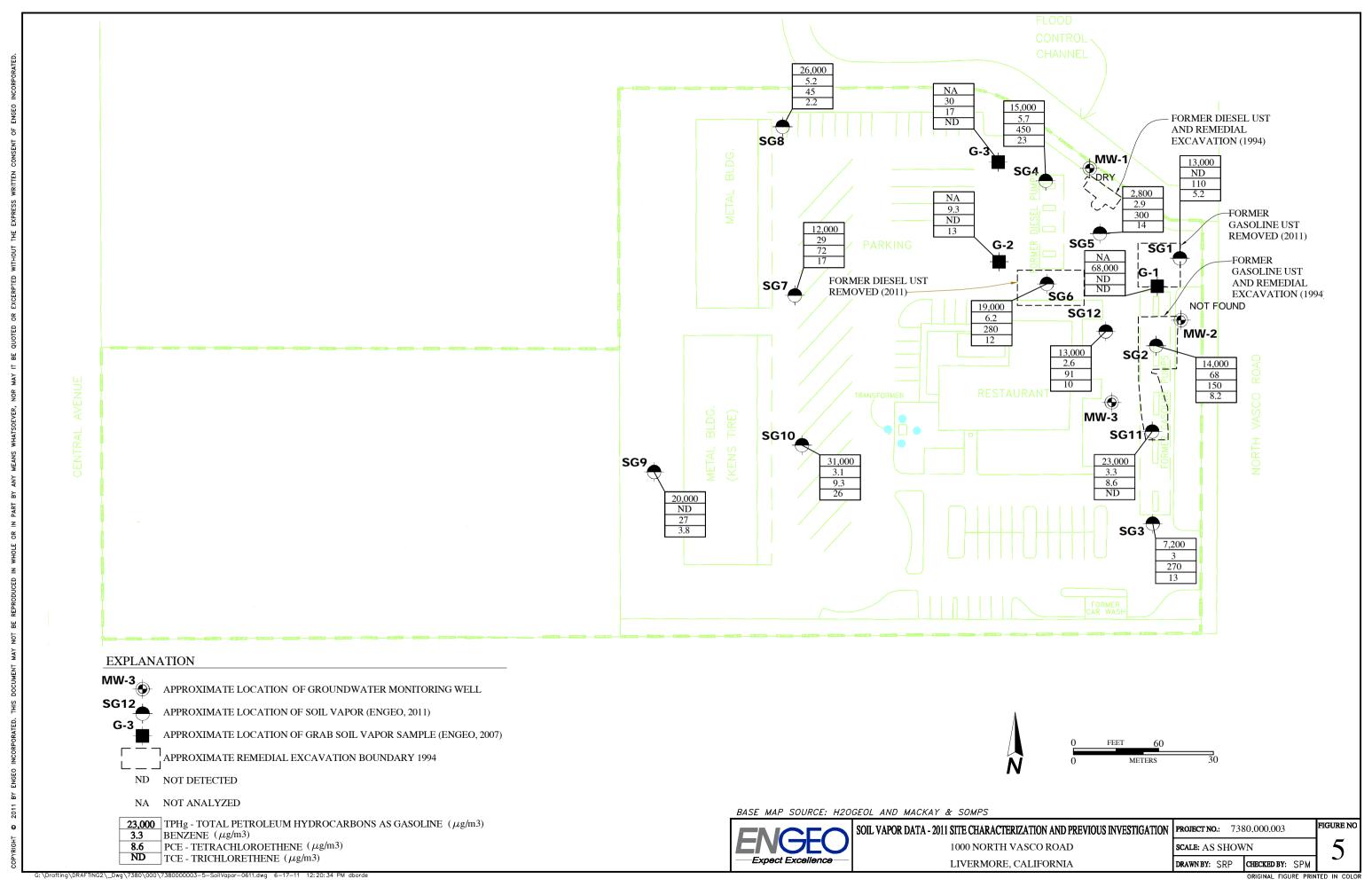
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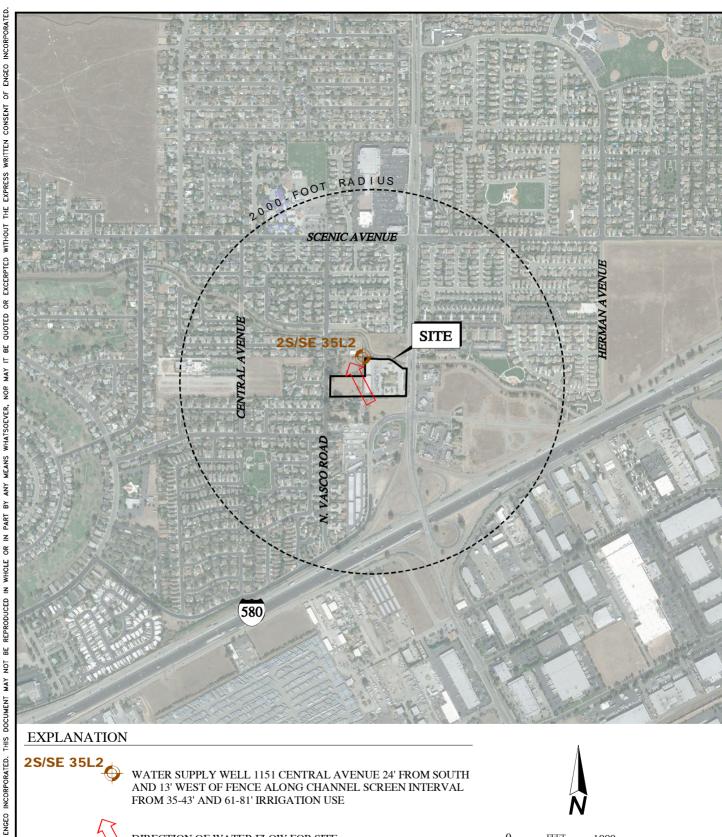




1000 NORTH VASCO ROAD

LIVERMORE, CALIFORNIA

DRAWN BY: DLB CHECKED BY: SPM





BASE MAP SOURCE: GOOGLE EARTH, 2003

DIRECTION OF WATER FLOW FOR SITE

500

В 2011

WATER SUPPLY WELLS WITHIN 2000 FEET OF 1000 NORTH VASCO ROAD PROJECT NO.: 7380.000.003

1000 NORTH VASCO ROAD LIVERMORE, CALIFORNIA SCALE: AS SHOWN DRAWN BY: SRP

CHECKED BY: SM

ORIGINAL FIGURE PRINTED IN COLOR

FIGURE NO.

Expect Excellence



Tables 1 – 4

Summary of Laboratory Analyses

TABLE 1 SOIL SAMPLING

	SOIL SAMPLING - SUBSURFACE BORINGS																		
SAMPLE	DATE	DEPTH	TPH-GASOLINE	TPH-DIESEL	TPH-MO	BENZENE	TOLUENE	ETHYLBENZENE	XYLENE(S)	MTBE	n-BUTYLBENZENE	sec-BUTYLBENZENE	tert-BUTYLBENZENE	NAPHTHALENE	1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	1,1,2,2-TETRACHLOROETHANE	n-PROPYLBENZENE	OTHER VOCs
		(ft.)	(mg/kg)	(mg/kg)	(mg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)
		ESL (Table A-1)	83	83	370	44	2900	2300	2300	23	N/A	N/A	N/A	1300	N/A	1500	18	N/A	N/A
GP1@4'	4/19/2011	4	8.6	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP1@8'	4/19/2011	8	8.3	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP1@12' GP2@4'	4/19/2011 4/19/2011	12	7.8 ND<0.5	ND<10 81	ND<10 880	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND ND
GP2@6'	4/19/2011	6	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP2@12'	4/19/2011	12	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP3@4' GP3@8'	4/20/2011 4/20/2011	4 8	ND<0.5 ND<0.5	ND<10 ND<10	ND<10 ND<10	ND<5	ND<5 ND<5	ND<5	ND<5 ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5	ND ND
GP3@12'	4/20/2011	12	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP4@4'	4/19/2011	4	ND<0.5	110	1,000	ND<5	ND<5	ND<5	17.2	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP4@8' GP4@12'	4/19/2011 4/19/2011	8 12	ND<0.5 ND<0.5	ND<10 ND<10	ND<10 ND<10	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND ND
GP5@4'	4/19/2011	4	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP5@8'	4/19/2011	8	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP5@12'	4/19/2011	12	ND<0.5 ND<0.5	ND<10	ND<10 ND<10	ND<5	ND<5	ND<5 ND<5	ND<5	ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5	ND ND
GP6@4' GP6@8'	4/19/2011 4/19/2011	8	ND<0.5	ND<10 ND<10	ND<10	ND<5 ND<5	ND<5 ND<5	ND<5	ND<5	ND<20 ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5 ND<5	ND ND
GP6@12'	4/19/2011	12	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP7@4'	4/20/2011	4	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND ND
GP7@8' GP7@12'	4/20/2011 4/20/2011	8 12	ND<0.5 ND<0.5	ND<10 ND<10	ND<10 ND<10	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND ND
GP8@4'	4/20/2011	4	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP8@8'	4/20/2011	8	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND ND
GP8@12' GP9@4'	4/20/2011 4/19/2011	12	ND<0.5 ND<0.5	ND<10 ND<10	ND<10 ND<10	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND ND
GP9@8'	4/19/2011	8	ND<0.5	11	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP9@10'	4/19/2011	10	3.2	270	40	ND<5	ND<5	ND<5	ND<5	ND<20	10	15	ND<5	ND<5	ND<5	ND<5	ND<5	5.2	ND
GP9@12' GP10@4'	4/19/2011 4/19/2011	12	ND<0.5 ND<0.5	ND<10 ND<10	ND<10 ND<10	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND ND
GP10@8'	4/19/2011	8	ND<0.5	13	29	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP10@10'	4/19/2011	10	11	860	79	ND<5	ND<5	ND<5	ND<5	ND<20	35	37	6.8	40	28	7.4	15	9.6	ND
GP10@12' GP11@4'	4/19/2011 4/19/2011	12	ND<0.5 0.51	ND<10	ND<10	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND ND
GP11@4	4/19/2011	8	ND<0.5	70 ND<10	27 ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND ND
GP11@10'	4/19/2011	10	ND<0.5	25	22	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP11@12' GP12@4'	4/19/2011 4/19/2011	12	ND<0.5 ND<0.5	28	20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND ND
GP12@4'	4/19/2011	4 8	ND<0.5 ND<0.5	20 16	18 18	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5 ND<5	ND<5	ND<5 ND<5	ND<5	ND<5	ND<5	ND ND
GP12@12'	4/19/2011	12	ND<0.5	15	17	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP13@4'	4/19/2011	4	ND<0.5	ND<10	ND<10	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP13@8' GP13@12'	4/19/2011 4/19/2011	8 12	ND<0.5 ND<0.5	ND<10 ND<10	ND<10 ND<10	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5	ND<20 ND<20	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND ND
GP14@4'	4/19/2011	4	ND<0.5	26	20	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP14@6'	4/19/2011	6	ND<0.5	16	20	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND
GP14@12' 3-P1-9	4/19/2011 8/15/2006	12	ND<0.5 310	18 2,200	19 730	ND<5 ND<100	ND<5 ND<100	ND<5 ND<100	ND<5 ND<100	ND<20 ND<1000	ND<5 N/A	ND<5 N/A	ND<5 N/A	ND<5 N/A	ND<5 N/A	ND<5 N/A	ND<5 N/A	ND<5 N/A	ND ND
3-P2-9	8/15/2006	9	ND<1	5.8	6.8	ND<5	ND<5	ND<5	ND<5	ND<50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND
3-P3-7 1/2	8/15/2006	7.5	ND<1	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND
3-P4-10 3-P5-10 1/2	8/15/2006 8/15/2006	10 10.5	ND<1 ND<1	2 ND<1	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<5 ND<5	ND<50 ND<50	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	ND ND
3-P6-7 1/2	8/15/2006	7.5	ND<1	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<50	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A	ND
3-P7-7 1/2	8/15/2006	7.5	ND<1	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND
3-P8-9 4-P1-7	8/15/2006 8/15/2006	9	ND<1	ND<1 650	ND<5	ND<5 ND<50	ND<5 540	ND<5 ND<50	ND<5 ND<50	ND<50 ND<500	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	ND ND
4-P1-7 4-P2-7	8/15/2006	7	ND<1	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<500	N/A N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	ND
4-P3-7	8/15/2006	7	ND<1	1.3	ND<5	ND<5	ND<5	ND<5	ND<5	ND<50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ND
4-P4-7.1	8/15/2006	7.1	ND<1	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<50	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A	ND N/A
B1@10 B1@15	9/2/2009 9/2/2009	10 15	ND ND	6.3	N/A N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
B2@10	9/2/2009	10	ND ND	ND ND	N/A	ND ND	ND	ND	ND ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B2@15	9/2/2009	15	ND ND	ND ND	N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B3@15 B3@20	9/2/2009 9/2/2009	15 20	ND ND	ND ND	N/A N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
B4@15	9/2/2009	15	ND ND	ND ND	N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B4@20	9/2/2009	20	ND	ND	N/A	ND	ND	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B5@10 B5@15	9/2/2009 9/2/2009	10 15	ND ND	ND ND	N/A N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
B6@15	9/2/2009	15	ND ND	ND ND	N/A N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
B6@20	9/2/2009	20	ND	ND	N/A	ND	ND	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B11@15	9/2/2009	15	ND ND	ND ND	N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B11@20 B12@10	9/2/2009	20	ND ND	ND ND	N/A N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
B12@15	9/2/2009	15	ND	ND	N/A	ND	ND	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B13@10	9/2/2009	10	ND	ND	N/A	ND	ND	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B13@15 B14@10	9/2/2009	15 10	ND ND	ND ND	N/A N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
B14@15	9/2/2009	15	ND ND	ND ND	N/A	ND ND	ND ND	ND ND	ND ND	ND ND	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A
B15@10	9/2/2009	10	ND	9	N/A	ND	ND	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B15@15	9/2/2009	15	ND	ND	N/A	ND	ND	ND	ND	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TABLE 2 SURFACE SOIL SAMPLING

	SOIL SAMPLING - SURFACE SAMPLES																											
SAMPLE	LOCATION	DATE	TPH-GASOLINE	TPH-DIESEL	TPH-MO	PCBs	BENZENE	TOLUENE	ETHYLBENZENE	XYLENE(S)	FUEL OXYGENATES	ANTIMONY	SILVER	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	THALLIUM	VANADIUM	ZINC MERC	JURY
		SAMPLED	μg/kg	mg/kg	mg/kg	μg/kg	μg/kg	μg/kg	μg/kg	μg/kg	μg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg mg	/kg
D1	STOCKPILE	4/20/2011	ND<500	N/A	N/A	N/A	ND<5	ND<5	ND<5	ND<5	ND	ND<3	ND<2	ND<5	270	ND<1	ND<2	33	11	20	ND<3	ND<1	33	ND<5	ND<2	57	47 ND<	:0.1
D2	STOCKPILE	4/20/2011	ND<500	N/A	N/A	N/A	ND<5	ND<5	ND<5	ND<5	ND	ND<3	ND<2	ND<5	290	ND<1	ND<2	35	13	21	4.9	ND<1	35	ND<5	ND<2	60	50 ND<	.0.1
D3	STOCKPILE	4/20/2011	ND<500	N/A	N/A	N/A	ND<5	ND<5	ND<5	ND<5	ND	ND<3	ND<2	ND<5	210	ND<1	ND<2	34	11	18	ND<3	ND<1	36	ND<5	ND<2	50	44 ND<	:0.1
D4	STOCKPILE	4/20/2011	ND<500	N/A	N/A	N/A	ND<5	ND<5	ND<5	ND<5	ND	ND<3	ND<2	ND<5	250	ND<1	ND<2	35	12	20	ND<3	ND<1	36	ND<5	ND<2	59	49 ND<	:0.1
D5	STOCKPILE	4/20/2011	ND<500	N/A	N/A	N/A	ND<5	ND<5	ND<5	ND<5	ND	ND<3	ND<2	ND<5	250	ND<1	ND<2	32	11	17	ND<3	ND<1	30	ND<5	ND<2	53	43 ND<	:0.1
D6	STOCKPILE	4/20/2011	ND<500	N/A	N/A	N/A	ND<5	ND<5	ND<5	ND<5	ND	ND<3	ND<2	ND<5	260	ND<1	ND<2	32	12	20	ND<3	ND<1	35	ND<5	ND<2	56	48 ND<	:0.1
D7	STOCKPILE	4/20/2011	ND<500	N/A	N/A	N/A	ND<5	ND<5	ND<5	ND<5	ND	ND<3	ND<2	ND<5	270	ND<1	ND<2	33	12	19	6	ND<1	34	ND<5	ND<2	59	48 ND<	:0.1
D8	STOCKPILE	4/20/2011	ND<500	N/A	N/A	N/A	ND<5	ND<5	ND<5	ND<5	ND	ND<3	ND<2	ND<5	370	ND<1	ND<2	31	12	21	4.1	ND<1	36	ND<5	ND<2	63	47 ND<	:0.1
SP1-A/B/C/D	STOCKPILE	8/7/2006	ND<1,000	ND<1	ND<5	N/A	ND<5	ND<5	ND<5	ND<5	ND<50 (MTBE)	ND<0.5	ND<0.5	6.3	250	0.52	ND<0.25	35	11	63	8.4	0.64	43	ND<0.5	ND<0.5	48	72 0.0	.83
SP2-A/B/C/D	STOCKPILE	8/7/2006	ND,1,000	ND<1	ND<5	N/A	ND<5	ND<5	ND<5	ND<5	ND<50 (MTBE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/	A
SP3-A/B/C/D	STOCKPILE	8/7/2006	ND<1,000	ND<1	ND<5	N/A	ND<5	ND<5	ND<5	ND<5	ND<50 (MTBE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/	Α
COMPOSITE	PAD-MOUNTED TRANSFORMER	4/20/2011	ND<500	34	39	ND<10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/	Α

TABLE 3

	GROUNDWATER SAMPLING											
SAMPLE	SAMPLE	TPH-GASOLINE	TPH-DIESEL	TPH-MO	BENZENE	TOLUENE	ETHYLBENZENE	XYLENE(S)	MTBE	TRICHLOROETHYLENE	OTHER VOCs	
	DATE	μg/L	μg/L	mg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	
	ESL (Table F-1A)	100	100	100	1	40	30	20	5	5	N/A	
GP1-GW	4/19/2011	55	890	ND<100	ND<0.5	ND<0.5	ND<0.5	2.6	ND<1	ND<1	ND	
GP2-GW	4/19/2011	ND<50	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	ND	
GP3-GW	4/20/2011	ND<50	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	ND	
GP4-GW	4/19/2011	ND<50	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	ND	
GP6-GW	4/19/2011	ND<50	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	ND	
GP7-GW	4/19/2011	ND<50	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	2	ND	
GP8-GW	4/19/2011	ND<50	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	ND	
GP11-GW	4/19/2011	110	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	ND	
MW-3	4/20/2011	ND<50	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	1.2	ND	
GW-10	4/20/2011	ND<50	ND<50	ND<100	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	2.3	ND	
MW-3	9/2/2009	ND	ND	N/A	ND	ND	ND	ND	2.2	ND	ND	
MW-1	8/22/2006	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	N/A	N/A	
MW-3	8/22/2006	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	N/A	N/A	

TABLE 4

SOIL VAPOR SAMPLING										
	SAMPLE	SG11	SG12	(, 3)						
	DATE	5/13/2011	5/13/2011	ESL (μg/m³)						
ANALYTE	UNIT									
TPH-GASOLINE	(μg/m³)	23,000	13,000	10,000						
ACETONE	(μg/m³)	520	620	660,000						
CARBON DISULFIDE	(μg/m³)	1.3	190	N/A						
ISOPROPYL ALCOHOL	(μg/m³)	1	4.7	N/A						
CHLOROETHANE	(μg/m³)	ND<0.29	ND<0.29	21,000						
CHLOROFORM	(μg/m³)	ND<0.38	ND<0.38	460						
CYCLOHEXANE	(μg/m³)	5.2	25	N/A						
HEPTANE	(μg/m³)	ND<0.21	ND<0.21	N/A						
HEXANE	(μg/m³)	ND<1	ND<1	N/A						
DICHLORODIFLUOROMETHANE	(μg/m³)	2.6	ND<0.33	N/A						
CIS-1,2-DICHLOROETHENE	(μg/m³)	ND<0.25	2.8	7,300						
TRANS-1,2-DICHLOROETHENE	(μg/m³)	ND<0.25	ND<0.25	15,000						
STYRENE	(μg/m³)	ND<0.12	ND<0.12	190,000						
TETRACHLOROETHENE	(μg/m³)	8.6	91	410						
1,1,1-TRICHLOROETHANE	(μg/m³)	ND<0.54	ND<0.54	46,000						
TRICHLOROETHENE	(μg/m³)	ND<0.14	10	1,200						
TRICHLOROFLUOROMETHANE	(μg/m³)	ND<0.48	2.6	N/A						
1,3,5-TRIMETHYLBENZENE	(μg/m³)	2.3	2.5	N/A						
1,2,4-TRIMETHYLBENZENE	(μg/m³)	3.5	4.4	N/A						
2-BUTANONE	(μg/m³)	5.7	9.6	1,000,000						
BENZENE	(μg/m³)	3.3	2.6	84						
TOLUENE	(μg/m³)	6.8	5.5	63,000						
ETHYLBENZENE	(μg/m³)	3.4	3	980						
XYLENE(S)	(μg/m³)	11.4	9.6	21,000						
1,1-DFA (LEAK COMPOUND)	(μg/m³)	ND<27	ND<27	N/A (10,000 ALLOWABLE)						
OTHER VOCs	(μg/m³)	ND	ND	N/A						



Appendix A

SunStar Laboratories April 2011 Laboratory Report





29 April 2011

Morgan Johnson Engeo 2213 Plaza Dr. Rocklin, CA 95765

RE: 1000 N. Vasco Rd.

Enclosed are the results of analyses for samples received by the laboratory on 04/21/11 11:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez For John Shepler

Saniel & Chivy

Laboratory Director



25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP1@4'	T110485-01	Soil	04/19/11 16:15	04/21/11 11:40
GP1@8'	T110485-02	Soil	04/19/11 16:15	04/21/11 11:40
GP1@12'	T110485-03	Soil	04/19/11 16:15	04/21/11 11:40
GP2@4'	T110485-04	Soil	04/19/11 12:15	04/21/11 11:40
GP2@6'	T110485-05	Soil	04/19/11 12:15	04/21/11 11:40
GP2@12'	T110485-06	Soil	04/19/11 12:15	04/21/11 11:40
GP3@4'	T110485-07	Soil	04/20/11 12:15	04/21/11 11:40
GP3@8'	T110485-08	Soil	04/20/11 12:15	04/21/11 11:40
GP3@12'	T110485-09	Soil	04/20/11 12:15	04/21/11 11:40
GP4@12'	T110485-10	Soil	04/19/11 11:40	04/21/11 11:40
GP4@4'	T110485-11	Soil	04/19/11 11:40	04/21/11 11:40
GP4@8'	T110485-12	Soil	04/19/11 11:40	04/21/11 11:40
GP5@4'	T110485-13	Soil	04/19/11 15:00	04/21/11 11:40
GP5@8'	T110485-14	Soil	04/19/11 15:00	04/21/11 11:40
GP5@12'	T110485-15	Soil	04/19/11 15:00	04/21/11 11:40
GP6@4'	T110485-16	Soil	04/19/11 13:15	04/21/11 11:40
GP6@8'	T110485-17	Soil	04/19/11 13:15	04/21/11 11:40
GP6@12'	T110485-18	Soil	04/19/11 13:15	04/21/11 11:40
GP7@4'	T110485-19	Soil	04/20/11 16:15	04/21/11 11:40
GP7@8'	T110485-20	Soil	04/20/11 16:15	04/21/11 11:40
GP7@12'	T110485-21	Soil	04/20/11 16:15	04/21/11 11:40
GP8@4'	T110485-22	Soil	04/20/11 16:30	04/21/11 11:40
GP8@8'	T110485-23	Soil	04/20/11 16:30	04/21/11 11:40
GP8@12'	T110485-24	Soil	04/20/11 16:30	04/21/11 11:40
GP9@4'	T110485-25	Soil	04/19/11 10:15	04/21/11 11:40
GP9@8'	T110485-26	Soil	04/19/11 10:15	04/21/11 11:40

SunStar Laboratories, Inc.

Saviel of Chivy

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP9@12'	T110485-27	Soil	04/19/11 10:15	04/21/11 11:40
GP10@4'	T110485-28	Soil	04/19/11 09:15	04/21/11 11:40
GP10@8'	T110485-29	Soil	04/19/11 09:15	04/21/11 11:40
GP10@12'	T110485-30	Soil	04/19/11 09:20	04/21/11 11:40
GP10@10'	T110485-31	Soil	04/19/11 09:20	04/21/11 11:40
GP13@4'	T110485-32	Soil	04/19/11 10:45	04/21/11 11:40
GP13@8'	T110485-33	Soil	04/19/11 10:45	04/21/11 11:40
GP13@12'	T110485-34	Soil	04/19/11 10:45	04/21/11 11:40
GP9@10'	T110485-35	Soil	04/19/11 10:15	04/21/11 11:40
GP4-GW	T110485-36	Water	04/19/11 11:45	04/21/11 11:40
GP2-GW	T110485-37	Water	04/19/11 12:25	04/21/11 11:40
GP6-GW	T110485-38	Water	04/19/11 13:25	04/21/11 11:40
GP1-GW	T110485-40	Water	04/19/11 16:20	04/21/11 11:40
GP7-GW	T110485-41	Water	04/19/11 16:00	04/21/11 11:40
GP8-GW	T110485-42	Water	04/19/11 16:30	04/21/11 11:40
GP11@4'	T110485-47	Soil	04/19/11 15:15	04/21/11 11:40
GP11@8'	T110485-48	Soil	04/19/11 15:15	04/21/11 11:40
GP11@12'	T110485-49	Soil	04/19/11 15:15	04/21/11 11:40
GP11@10'	T110485-50	Soil	04/19/11 15:15	04/21/11 11:40
GP12@4'	T110485-51	Soil	04/19/11 15:40	04/21/11 11:40
GP12@8'	T110485-52	Soil	04/19/11 15:40	04/21/11 11:40
GP12@12'	T110485-53	Soil	04/19/11 15:40	04/21/11 11:40
GW-10	T110485-54	Water	04/20/11 15:00	04/21/11 11:40
GP3-GW	T110485-55	Water	04/20/11 14:15	04/21/11 11:40
D1	T110485-56	Soil	04/20/11 10:00	04/21/11 11:40
D2	T110485-57	Soil	04/20/11 10:04	04/21/11 11:40

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
D3	T110485-58	Soil	04/20/11 10:18	04/21/11 11:40
D4	T110485-59	Soil	04/20/11 10:15	04/21/11 11:40
D5	T110485-60	Soil	04/20/11 10:11	04/21/11 11:40
D6	T110485-61	Soil	04/20/11 10:08	04/21/11 11:40
D7	T110485-62	Soil	04/20/11 10:25	04/21/11 11:40
D8	T110485-63	Soil	04/20/11 10:06	04/21/11 11:40
GP14@4'	T110485-64	Soil	04/19/11 16:50	04/21/11 11:40
GP14@6'	T110485-65	Soil	04/19/11 16:50	04/21/11 11:40
GP14@12'	T110485-66	Soil	04/19/11 16:50	04/21/11 11:40
MW-3	T110485-67	Water	04/20/11 11:30	04/21/11 11:40
GP11-GW	T110485-68	Water	04/19/11 00:00	04/21/11 11:40
COMPOSITE	T110485-69	Soil	04/20/11 00:00	04/21/11 11:40

SunStar Laboratories, Inc.

Saviel of Chivy



Rocklin CA, 95765

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

Reported:

Engeo Project: 1000 N. Vasco Rd.
2213 Plaza Dr. Project Number: 7380.000.003

Project Manager: Morgan Johnson 04/29/11 11:23

GP1@4' T110485-01 (Soil)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C								
C6-C12 (GRO)	8600	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		88.3 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/27/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		101 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP1@4' T110485-01 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstar Laboratories, Inc.									
Volatile Organic Compounds by EPA N	Method 8260B								_
1,1-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	II .	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	II .	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	n .	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	II .	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP1@4' T110485-01 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	İ	SunStar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
Toluene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		97.4 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		105 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

GP1@8' T110485-02 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C								
C6-C12 (GRO)	8300	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		92.2 %	72.6	-146	"	"	"	n	
Extractable Petroleum Hydrocarl	bons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/27/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		134 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP1@8' T110485-02 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	SunStar Laboratories, Inc.									
Volatile Organic Compounds by	y EPA Method 8260B									
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B		
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"		
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"		
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"		
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"		
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"		
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"		
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"		
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"		
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"		
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"		
Isopropylbenzene	ND	5.0	"	"	"	"	"	"		
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"		
Methylene chloride	ND	5.0	"	"	"	"	"	"		
Naphthalene	ND	5.0	"	"	"	"	"	"		
n-Propylbenzene	ND	5.0	"	"	"	"	"	"		
Styrene	ND	5.0	"	"	"	"	"	"		
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"		
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"		
Tetrachloroethene	ND	5.0	"	"	"	"	"	"		
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"		
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"		
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"		
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"		
Trichloroethene	ND	5.0	"	"	"	"	"	"		
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"		
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"		
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"		
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"		
Vinyl chloride	ND	5.0	"	"	"	"	"	"		
Benzene	ND	5.0	"	"	"	"	"	"		
Toluene	ND	5.0	"	"	"	"	"	"		

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP1@8' T110485-02 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EF	Volatile Organic Compounds by EPA Method 8260B										
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B			
m,p-Xylene	ND	5.0	"	"	"	"	"	"			
o-Xylene	ND	5.0	"	"	"	"	"	"			
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"			
Tert-butyl alcohol	ND	50	"	"	"	"	"	"			
Di-isopropyl ether	ND	20	"	"	"	"	"	"			
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"			
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"			
Surrogate: Toluene-d8		99.5 %	85.5-1	116	"	"	"	"			

75.1-121

90-135

104 %

108 %

SunStar Laboratories, Inc.

Surrogate: 4-Bromofluorobenzene

Surrogate: Dibromofluoromethane



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

GP1@12' T110485-03 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C	l •							
C6-C12 (GRO)	7800	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		90.4 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarl	bons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		126 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP1@12' T110485-03 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	SunStar Laboratories, Inc.												
Volatile Organic Compounds by	y EPA Method 8260B												
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B					
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"					
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"					
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"					
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"					
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"					
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"					
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"					
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"					
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"					
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"					
Isopropylbenzene	ND	5.0	"	"	"	"	"	"					
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"					
Methylene chloride	ND	5.0	"	"	"	"	"	"					
Naphthalene	ND	5.0	"	"	"	"	"	"					
n-Propylbenzene	ND	5.0	"	"	"	"	"	"					
Styrene	ND	5.0	"	"	"	"	"	"					
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"					
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"					
Tetrachloroethene	ND	5.0	"	"	"	"	"	"					
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"					
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"					
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"					
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"					
Trichloroethene	ND	5.0	"	"	"	"	"	"					
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"					
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"					
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"					
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"					
Vinyl chloride	ND	5.0	"	"	"	"	"	"					
Benzene	ND	5.0	"	"	"	"	"	"					
Toluene	ND	5.0	"	"	"	"	"	"					

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP1@12' T110485-03 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstai Laboratories, inc.														
Volatile Organic Compounds by EPA Method 8260B														
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B						
m,p-Xylene	ND	5.0	"	"	"	"	"	"						
o-Xylene	ND	5.0	"	"	"	"	"	"						
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"						
Tert-butyl alcohol	ND	50	"	"	"	"	"	"						
Di-isopropyl ether	ND	20	"	"	"	"	"	"						
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"						
Methyl tert-butyl ether	ND	20	"	"	"	"	"	n .						
Surrogate: Toluene-d8		98.8 %	85.5-1	116	"	"	"	"						
Surrogate: 4-Bromofluorobenzene		105 %	75.1-1	121	"	"	"	"						
Surrogate: Dibromofluoromethane		106 %	90-1.	35	"	"	"	"						

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2@4' T110485-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C	,							
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		91.2 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	81	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	880	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		138 %	65-	135	"	"	"	"	S-04
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2@4' T110485-04 (Soil)

					·				-
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260E
1-Dichloroethene	ND	5.0	"	"	"	"	"	"
s-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
ans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
2-Dichloropropane	ND	5.0	"	"	"	"	"	"
3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1-Dichloropropene	ND	5.0	"	"	"	"	"	"
s-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
ans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
exachlorobutadiene	ND	5.0	"	"	"	"	"	"
opropylbenzene	ND	5.0	"	"	"	"	"	"
Isopropyltoluene	ND	5.0	"	"	"	"	"	"
lethylene chloride	ND	5.0	"	"	"	"	"	"
aphthalene	ND	5.0	"	"	"	"	"	"
Propylbenzene	ND	5.0	"	"	"	"	"	"
tyrene	ND	5.0	"	"	"	"	"	"
1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
etrachloroethene	ND	5.0	"	"	"	"	"	"
2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
richloroethene	ND	5.0	"	"	"	"	"	"
richlorofluoromethane	ND	5.0	"	"	"	"	"	"
2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
inyl chloride	ND	5.0	"	"	"	"	"	"
enzene	ND	5.0	"	"	"	"	"	"
oluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2@4' T110485-04 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260E
m,p-Xylene	ND	5.0	"	"	"	"	"	"
o-Xylene	ND	5.0	"	"	"	"	"	"
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"
Tert-butyl alcohol	ND	50	"	"	"	"	"	"
Di-isopropyl ether	ND	20	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		98.1 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		101 %	75.1-1	21	"	"	"	"

90-135

92.1 %

SunStar Laboratories, Inc.

Saviel of Chivy

Surrogate: Dibromofluoromethane



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2@6' T110485-05 (Soil)

Surrogate: 4-Promofiburobenzene S5.5 % 72.6-146 " " " " " Extractable Petroleum Hydrocarbons by 8015C	Method Note	l	Analyzed	Prepared	Batch	Dilution	Units	Reporting Limit	Result	Analyte
ND S00 ug/kg 1 104216 04/21/11 04/26/11 EPA Surrogate: 4-Bromofluorobenzene 85.5 % 72.6-146 " " " " " " To varrogate: 4-Bromofluorobenzene 85.5 % 72.6-146 " " " " " To varrogate: 4-Bromofluorobenzene 85.5 % 72.6-146 " " " " To varrogate: 4-Bromofluorobenzene ND ND 10 mg/kg 1 1042125 04/21/11 04/28/11 EPA					es, Inc.	aboratori	SunStar La			
Surrogate: 4-Bromofluorobenzene S5.5 % 72.6-146								,	EPA 8015C	Purgeable Petroleum Hydrocarbons by
Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) ND 10 mg/kg 1 1042125 04/21/11 04/28/11 EPA C29-C40 (MORO) ND 10 " " " " " " " " "	EPA 8015C	J	04/26/11	04/21/11	1042126	1	ug/kg	500	ND	C6-C12 (GRO)
C13-C28 (DRO)	n .		"	"	"	146	72.6-	85.5 %		Surrogate: 4-Bromofluorobenzene
C29-C40 (MORO) ND 10									oy 8015C	Extractable Petroleum Hydrocarbons
Surrogate: p-Terphenyl 134 % 65-135 " " " "	EPA 8015C		04/28/11	04/21/11	1042125	1	mg/kg	10	ND	C13-C28 (DRO)
No	"		"	"	"	"	"	10	ND	C29-C40 (MORO)
Bromobenzene ND 5.0 ug/kg 1 1042121 04/21/11 04/21/11 EPA	"		"	"	"	35	65-1	134 %		Surrogate: p-Terphenyl
Bromobenzene ND 5.0 ug/kg 1 1042121 04/21/11 04/21/11 EPA								В	Method 8260	Volatile Organic Compounds by EPA
Stock Stoc	EPA 8260B	J	04/21/11	04/21/11	1042121	1	ug/kg	5.0	ND	Bromobenzene
Bromoform ND 5.0 " <t< td=""><td>II .</td><td></td><td>"</td><td>"</td><td>"</td><td>"</td><td>"</td><td>5.0</td><td>ND</td><td>Bromochloromethane</td></t<>	II .		"	"	"	"	"	5.0	ND	Bromochloromethane
Bromomethane ND 5.0 " " " " " " " " " " " " " " " " " " "	II .		"	"	"	"	"	5.0	ND	Bromodichloromethane
n-Butylbenzene ND 5.0 " " " " " " " " " " " " " tert-Butylbenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	"		"	"	"	"	"	5.0	ND	Bromoform
sec-Butylbenzene ND 5.0 "	"		"	"	"	"	"	5.0	ND	Bromomethane
tert-Butylbenzene ND 5.0 "	"		"	"	"	"	"	5.0	ND	n-Butylbenzene
Carbon tetrachloride ND 5.0 "	"		"	"	"	"	"	5.0	ND	sec-Butylbenzene
Chlorobenzene ND 5.0 "	"		"	"	"	"	"	5.0	ND	tert-Butylbenzene
Chloroethane ND 5.0 "	"		"	"	"	"	"	5.0	ND	Carbon tetrachloride
Chloroform ND 5.0 " <	"		"	"	"	"	"	5.0	ND	Chlorobenzene
Chloromethane ND 5.0 "	"		"	"	"	"	"	5.0	ND	Chloroethane
2-Chlorotoluene ND 5.0 "	"		"	"	"	"	"	5.0	ND	Chloroform
4-Chlorotoluene ND 5.0 "	"		"	"	"	"	"	5.0	ND	Chloromethane
Dibromochloromethane	"		"	"	"	"	"	5.0	ND	2-Chlorotoluene
Dibromochloromethane ND 5.0 " <td>"</td> <td></td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>5.0</td> <td>ND</td> <td>4-Chlorotoluene</td>	"		"	"	"	"	"	5.0	ND	4-Chlorotoluene
1,2-Dibromoethane (EDB) ND 5.0 "	"		"	"	"	"	"	5.0	ND	Dibromochloromethane
Dibromomethane ND 5.0 "	"		"	"	"	"	"	5.0	ND	1,2-Dibromo-3-chloropropane
Dibromomethane ND 5.0 "	"		"	"	"	"	"	5.0	ND	1,2-Dibromoethane (EDB)
1,3-Dichlorobenzene ND 5.0 " " " " " 1,4-Dichlorobenzene ND 5.0 " " " " "	"		"	"	"	"	"	5.0	ND	Dibromomethane
1,4-Dichlorobenzene ND 5.0 " " " " "	"		"	"	"	"	"	5.0	ND	1,2-Dichlorobenzene
1,4-Dictionouelizette ND 5.0	"		"	"	"	"	"	5.0	ND	1,3-Dichlorobenzene
Dichlorodifluoromethane ND 5.0 " " " " "	"		"	"	"	"	"	5.0	ND	1,4-Dichlorobenzene
	"		"	"	"	"	"	5.0	ND	Dichlorodifluoromethane
1,1-Dichloroethane ND 5.0 " " " " "	"		"	"	"	"	"	5.0	ND	1,1-Dichloroethane

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2@6' T110485-05 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstar Laboratories, Inc.											
od 8260B											
ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
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ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
ND	5.0	"	"	"	"	"	"				
	ND N	ND 5.0 ND 5.0	ND 5.0 ug/kg ND 5.0 "	ND 5.0 ug/kg 1 ND 5.0 "	ND 5.0 ug/kg 1 1042121 ND 5.0 " " " " " " " "	ND	ND 5.0 ug/kg 1 1042121 04/21/11 04/21/11 ND 5.0 " " " " " " " ND 5.0 " " " " " " " " ND 5.0 " " " " " " " " ND 5.0 " " " " " " " " " ND 5.0 " " " " " " " " " ND 5.0 " " " " " " " " " " ND 5.0 " " " " " " " " " " ND 5.0 " " " " " " " " " " " " " " " " " " "				

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2@6' T110485-05 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by E.	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
36 4 1	N.T.D.	20							

 Methyl tert-butyl ether
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SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2@12' T110485-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 80150	C							
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		88.6 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		71.2 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	0B							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2@12' T110485-06 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstai Laboratories, fic.											
Volatile Organic Compounds by	EPA Method 8260B										
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B			
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"			
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"			
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"			
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"			
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"			
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"			
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"			
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"			
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"			
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"			
Isopropylbenzene	ND	5.0	"	"	"	"	"	"			
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"			
Methylene chloride	ND	5.0	"	"	"	"	"	"			
Naphthalene	ND	5.0	"	"	"	"	"	"			
n-Propylbenzene	ND	5.0	"	"	"	"	"	"			
Styrene	ND	5.0	"	"	"	"	"	"			
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"			
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"			
Tetrachloroethene	ND	5.0	"	"	"	"	"	"			
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"			
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"			
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"			
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"			
Trichloroethene	ND	5.0	"	"	"	"	"	"			
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"			
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"			
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"			
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"			
Vinyl chloride	ND	5.0	"	"	"	"	"	"			
Benzene	ND	5.0	"	"	"	"	"	n .			
Toluene	ND	5.0	"	"	"	"	"	n .			

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP2@12' T110485-06 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	;	SunStar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 82601	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	n n	
o-Xylene	ND	5.0	"	"	"	"	"	n n	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	n .	
Tert-butyl alcohol	ND	50	"	"	"	"	"	n n	
Di-isopropyl ether	ND	20	"	"	"	"	"	n n	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	n n	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		97.5 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3@4' T110485-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 80150								
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		87.0 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		129 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3@4' T110485-07 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstai Laboratories, fic.											
Volatile Organic Compounds by	EPA Method 8260B										
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B			
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"			
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"			
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"			
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"			
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"			
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"			
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"			
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"			
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"			
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"			
Isopropylbenzene	ND	5.0	"	"	"	"	"	"			
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"			
Methylene chloride	ND	5.0	"	"	"	"	"	"			
Naphthalene	ND	5.0	"	"	"	"	"	"			
n-Propylbenzene	ND	5.0	"	"	"	"	"	"			
Styrene	ND	5.0	"	"	"	"	"	"			
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"			
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"			
Tetrachloroethene	ND	5.0	"	"	"	"	"	"			
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"			
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"			
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"			
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"			
Trichloroethene	ND	5.0	"	"	"	"	"	"			
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"			
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"			
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"			
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"			
Vinyl chloride	ND	5.0	"	"	"	"	"	"			
Benzene	ND	5.0	"	"	"	"	"	n .			
Toluene	ND	5.0	"	"	"	"	"	n .			

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP3@4' T110485-07 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	S	unStar La	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	n	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	n	
Tert-butyl alcohol	ND	50	"	"	"	"	"	n .	
Di-isopropyl ether	ND	20	"	"	"	"	"	n	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	n	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.2 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		108 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

GP3@8' T110485-08 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015C	1							
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		85.4 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarb	ons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	m .	
Surrogate: p-Terphenyl		126 %	65-	135	"	"	"	"	
Volatile Organic Compounds by E	PA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	m .	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	m .	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	m .	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	m .	
Chlorobenzene	ND	5.0	"	"	"	"	"	m .	
Chloroethane	ND	5.0	"	"	"	"	"	m .	
Chloroform	ND	5.0	"	"	"	"	"	m .	
Chloromethane	ND	5.0	"	"	"	"	"	m .	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	m .	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	m .	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	m .	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3@8' T110485-08 (Soil)

	Reporting							
Analyte Resul	t Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Su	nStar L	aboratori	es, Inc.					
Volatile Organic Compounds by	y EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3@8' T110485-08 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	S	unstar L	aboratori	es, mc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.6 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		107 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3@12' T110485-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 80150								
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		88.2 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		116 %	65-	135	"	"	"	"	
Volatile Organic Compounds by F	EPA Method 826	0B							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	-
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"		"		"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3@12' T110485-09 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	S	unStar La	aboratori	es, Inc.				
Volatile Organic Compounds by E	PA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Tetrachloroethene	ND	5.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3@12' T110485-09 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	S	unstar L	aboratori	es, mc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/21/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		96.2 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		106 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP4@12' T110485-10 (Soil)

Surrogate: 4-Bromofluorobenzene 108 % 72.6-146 " " " " " " " " " "	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C12 (GRO) ND 500 ug/kg 1 104216 04/21/11 04/26/11 EPA 8015C			SunStar L	aborator	ries, Inc.					
No. Purgeable Petroleum Hydrocarbo	ons by EPA 80150	C								
Stractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO)	C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
C13-C28 (DRO)	Surrogate: 4-Bromofluorobenzene		108 %	72.6	-146	"	"	"	"	
ND 10	Extractable Petroleum Hydrocark	oons by 8015C								
No. C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C		
No	C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Bromobenzene ND 5.0	Surrogate: p-Terphenyl		69.5 %	65	135	"	"	"	"	
Bromobenzene ND 5.0	Volatile Organic Compounds by I	EPA Method 826	0B							
Bromodichloromethane ND	Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Stomoform ND S.0 "	Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromomethane ND 5.0 " " " " " " " " " " " " " " " " " " "	Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
ND Solution Solu	Bromoform	ND	5.0	"	"	"	"	"	"	
ND S.0	Bromomethane	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride ND 5.0 "	sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Chlorobenzene ND 5.0 "	tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane ND 5.0 "	Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chloroform ND 5.0 " <	Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloromethane ND 5.0 " " " " " " " " " " " " " " " " " " "	Chloroethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene ND 5.0 " " " " " " " " " " 4-Chlorotoluene ND 5.0 " " " " " " " " " " " " " " " " " " "	Chloroform	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene ND 5.0 "	Chloromethane	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane ND S.0 """""""""""""""""""""""""""""""""	4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB) ND 5.0 " " " " " " " " " " " " " " " " " " "	Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane ND 5.0 "	1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene ND 5.0 " " " " " " " " 1,4-Dichlorobenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene ND 5.0 " <td>1,2-Dichlorobenzene</td> <td>ND</td> <td>5.0</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>	1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane ND 5.0 " " " " " " "	1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
	1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane ND 5.0 " " " " " "	Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
	1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP4@12' T110485-10 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Su	nStar L	aboratori	es, Inc.					
Volatile Organic Compounds by	y EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	u u	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	u u	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	u u	
Isopropylbenzene	ND	5.0	"	"	"	"	"	u u	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	u u	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP4@12' T110485-10 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Sı	ınStar La	aboratorio	es, Inc.					
Volatile Organic Compounds by EP	A Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		106 %	85.5-1	16	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	75.1-1	21	"	"	"	"	
Surrogate: Dibromofluoromethane		109 %	90-13	35	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP4@4' T110485-11 (Soil)

Purgeable Petroleum Hydrocarbons b C6-C12 (GRO) Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons C13-C28 (DRO) C29-C40 (MORO) Surrogate: p-Terphenyl	ND by 8015C 110 1000	500 112 % 10 10 160 %	ug/kg 72.6- mg/kg " 65-1	1 146 1	1042126	04/21/11 " 04/21/11 " "	04/26/11 " 04/28/11 "	EPA 8015C " EPA 8015C	
C6-C12 (GRO) Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons C13-C28 (DRO) C29-C40 (MORO)	ND by 8015C 110 1000 Method 8260	500 112 % 10 10 160 %	72.6- mg/kg	146	1042125	04/21/11	04/28/11	" EPA 8015C	
Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons C13-C28 (DRO) C29-C40 (MORO)	by 8015C 110 1000 Method 8260	112 % 10 10 160 %	72.6- mg/kg	146	1042125	04/21/11	04/28/11	" EPA 8015C	
Extractable Petroleum Hydrocarbons C13-C28 (DRO) C29-C40 (MORO)	110 1000 Method 8260	10 10 160 %	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C13-C28 (DRO) C29-C40 (MORO)	110 1000 Method 8260	10 160 % OB	"	"	"	"	"		
C29-C40 (MORO)	1000 Method 8260	10 160 % OB	"	"	"	"	"		
	Method 8260	160 % DB						"	
Surrogata: n Tarnhamil)B	65-1	135	"	"	,,		
Surrogate. p-Terphenyt								"	S-04
Volatile Organic Compounds by EPA	ND								
Bromobenzene		5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP4@4' T110485-11 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	51	unotai L	aboi atoi i	es, mc.					
Volatile Organic Compounds by	EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Project: 1000 N. Vasco Rd. Engeo

2213 Plaza Dr. Project Number: 7380.000.003 Reported: Rocklin CA, 95765 Project Manager: Morgan Johnson 04/29/11 11:23

GP4@4' T110485-11 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

		SunStar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	11	5.0	"	"	"	"	"	"	
o-Xylene	6.2	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		99.5 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		94.4 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP4@8' T110485-12 (Soil)

Name	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CC-12 (GRO) ND S00 ug/kg 1 1042126 0421/11 0426/11 EPA 8015C			SunStar L	aborator	ries, Inc.					
Name	Purgeable Petroleum Hydrocarbo	ons by EPA 80150	C							
Stractable Petroleum Hydrocarbons by 8015C C13-C28 (ORO)	C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
C13-C28 (DRO)	Surrogate: 4-Bromofluorobenzene		113 %	72.6	-146	"	"	"	"	
ND 10	Extractable Petroleum Hydrocarl	bons by 8015C								
No. No.	C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
Volatile Organic Compounds by EPA Method 8260B	C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Bromobenzene ND 5.0 ug/kg 1 1042121 04/21/11 04/22/11 EPA 8260B Bromochloromethane ND 5.0 "	Surrogate: p-Terphenyl		70.9 %	65-	135	"	"	"	"	
Bromobenzene ND 5.0 ug/kg 1 1042121 04/21/11 04/22/11 EPA 8260B Bromochloromethane ND 5.0 "	Volatile Organic Compounds by I	EPA Method 8260	0B							
Stock	Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Brombform ND 5.0 " " " " " " " " " " " " " " " " " " "	Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Brommethane ND S.0 """""""""""""""""""""""""""""""""	Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
ND S.0	Bromoform	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	Bromomethane	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride ND 5.0 "	sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Chlorobenzene ND 5.0 "	tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane ND 5.0 "	Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chloroform ND 5.0 " <	Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloromethane ND 5.0 "	Chloroethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene ND 5.0 " " " " " " " " " " 4-Chlorotoluene ND 5.0 " " " " " " " " " " " " " " " " " " "	Chloroform	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene ND 5.0 " " " " " " " " " " " " " " " " " " "	Chloromethane	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB) ND 5.0 " " " " " " " " " " " " " " " " " "	Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane ND 5.0 "	1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene ND 5.0 " <td>1,2-Dibromoethane (EDB)</td> <td>ND</td> <td>5.0</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>	1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene ND 5.0 " <td>Dibromomethane</td> <td>ND</td> <td>5.0</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>	Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene ND 5.0 " <td>1,2-Dichlorobenzene</td> <td>ND</td> <td>5.0</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>	1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane ND 5.0 " " " " " "	1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
	1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1.1-Dichloroethane ND 5.0 " " " " " "	Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
· · · · · · · · · · · · · · · · · · ·	1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP4@8' T110485-12 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	D	unstar E	uborutori	co, 111c.				
Volatile Organic Compounds by	EPA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Tetrachloroethene	ND	5.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP4@8' T110485-12 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstai Laboratories, inc.												
Volatile Organic Compounds by E	PA Method 8260	В										
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B				
m,p-Xylene	ND	5.0	"	"	"	"	"	"				
o-Xylene	ND	5.0	"	"	"	"	"	"				
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"				
Tert-butyl alcohol	ND	50	"	"	"	"	"	"				
Di-isopropyl ether	ND	20	"	"	"	"	"	"				
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"				
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"				
Surrogate: Toluene-d8		98.5 %	85.5-1	116	"	"	"	"				
Surrogate: 4-Bromofluorobenzene		104 %	75.1-1	121	"	"	"	"				
Surrogate: Dibromofluoromethane		108 %	90-1.	35	"	"	"	"				

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@4' T110485-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 80150	C							
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		114 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarl	bons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		76.1 %	65-	135	"	"	"	"	
Volatile Organic Compounds by 1	EPA Method 826	0B							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@4' T110485-13 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	SunStar Laboratories, Inc.											
Volatile Organic Compounds by	y EPA Method 8260B											
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B				
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"				
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"				
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"				
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"				
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"				
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	u u				
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"				
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"				
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	u u				
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	u u				
Isopropylbenzene	ND	5.0	"	"	"	"	"	u u				
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	u u				
Methylene chloride	ND	5.0	"	"	"	"	"	"				
Naphthalene	ND	5.0	"	"	"	"	"	"				
n-Propylbenzene	ND	5.0	"	"	"	"	"	"				
Styrene	ND	5.0	"	"	"	"	"	"				
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"				
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"				
Tetrachloroethene	ND	5.0	"	"	"	"	"	"				
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"				
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"				
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"				
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"				
Trichloroethene	ND	5.0	"	"	"	"	"	"				
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"				
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"				
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"				
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"				
Vinyl chloride	ND	5.0	"	"	"	"	"	"				
Benzene	ND	5.0	"	"	"	"	"	"				
Toluene	ND	5.0	"	"	"	"	"	"				

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@4' T110485-13 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		Sunstai L	aboi atoi i	es, me.	'				
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	n .	
Surrogate: Toluene-d8		97.2 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		116 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@8' T110485-14 (Soil)

Analyte R	esult	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	\$	SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons by EPA	8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		117 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbons by 80	15C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		135 %	65	135	"	"	"	"	
Volatile Organic Compounds by EPA Meth	od 8260E	3							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@8' T110485-14 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	SunStar Laboratories, Inc.												
Volatile Organic Compounds by I	EPA Method 8260B												
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B					
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"					
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"					
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"					
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"					
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"					
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"					
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"					
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"					
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"					
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"					
Isopropylbenzene	ND	5.0	"	"	"	"	"	"					
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"					
Methylene chloride	ND	5.0	"	"	"	"	"	"					
Naphthalene	ND	5.0	"	"	"	"	"	"					
n-Propylbenzene	ND	5.0	"	"	"	"	"	"					
Styrene	ND	5.0	"	"	"	"	"	"					
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"					
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"					
Tetrachloroethene	ND	5.0	"	"	"	"	"	"					
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"					
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"					
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"					
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"					
Trichloroethene	ND	5.0	"	"	"	"	"	"					
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"					
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"					
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"					
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"					
Vinyl chloride	ND	5.0	"	"	"	"	"	"					
Benzene	ND	5.0	"	"	"	"	"	"					
Toluene	ND	5.0	"	"	"	"	"	"					

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@8' T110485-14 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	;	SunStar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 82601	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	n	
o-Xylene	ND	5.0	"	"	"	"	"	n	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	n .	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		97.4 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		114 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@12' T110485-15 (Soil)

	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C12 (GRO)			SunStar L	aborator	ries, Inc.					
113 % 72.6-146	Purgeable Petroleum Hydrocarbo	ons by EPA 80150	C							
C13-C28 (DRO)	C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
C13-C28 (DRO)	Surrogate: 4-Bromofluorobenzene		113 %	72.6	-146	"	"	"	"	
ND 10	Extractable Petroleum Hydrocark	oons by 8015C								
No. C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C		
No	C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Bromobenzene ND 5.0 ug/kg 1 1042121 04/21/11 04/22/11 EPA 8260B	Surrogate: p-Terphenyl		76.6 %	65-	135	"	"	"	"	
Bromobenzene ND 5.0 ug/kg 1 1042121 04/21/11 04/22/11 EPA 8260B	Volatile Organic Compounds by I	EPA Method 8260	0B							
Bromodichloromethane ND	Bromobenzene			ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Stomoform ND S.0	Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Stock Stoc	Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
ND So So So So So So So	Bromoform	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	Bromomethane	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride ND 5.0 "	sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Chlorobenzene ND 5.0 "	tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane ND 5.0 "	Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chloroform ND 5.0 " <	Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloromethane ND 5.0 "	Chloroethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene ND 5.0 " " " " " " " " " " 4-Chlorotoluene ND 5.0 " " " " " " " " " " " " " " " " " " "	Chloroform	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene ND 5.0 " " " " " " " " " " " " " " " " " " "	Chloromethane	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane ND 5.0 " " " " " " " " " " " " " " " " " " "	4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB) ND 5.0 " " " " " " " " " " " " " " " " " "	Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane ND 5.0 "	1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene ND 5.0 " " " " " " " " " 1,4-Dichlorobenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene ND 5.0 " <td>1,2-Dichlorobenzene</td> <td>ND</td> <td>5.0</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>	1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane ND 5.0 " " " " " "	1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
	1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane ND 5.0 " " " " " "	Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
	1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@12' T110485-15 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Su	nStar L	aboratori	es, Inc.					
Volatile Organic Compounds by I	EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP5@12' T110485-15 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	ì	sunstar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260I	3							
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		99.9 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		112 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6@4' T110485-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 80150								
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		114 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		135 %	65	135	"	"	"	"	
Volatile Organic Compounds by F	EPA Method 8260)B							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP6@4' T110485-16 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	St	ınstar La	aboratorio	es, inc.					
Volatile Organic Compounds by EPA	Method 8260B								_
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	n .	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	II .	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	II .	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	II .	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	II .	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	II .	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	II .	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6@4' T110485-16 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	St	mstar L	aboratori	es, mc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	n .	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		103 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		110 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6@8' T110485-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 80150	C							
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		113 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarl	bons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		76.2 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6@8' T110485-17 (Soil)

	Reporti	ng						
Analyte Res	ılt Liı	nit Un	its Dilutio	n Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Sunstai Laboratories, inc.												
Volatile Organic Compounds by EPA Method 8260B													
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B					
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"					
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"					
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"					
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"					
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"					
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"					
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"					
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"					
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"					
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"					
Isopropylbenzene	ND	5.0	"	"	"	"	"	"					
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"					
Methylene chloride	ND	5.0	"	"	"	"	"	"					
Naphthalene	ND	5.0	"	"	"	"	"	"					
n-Propylbenzene	ND	5.0	"	"	"	"	"	"					
Styrene	ND	5.0	"	"	"	"	"	"					
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"					
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"					
Tetrachloroethene	ND	5.0	"	"	"	"	"	"					
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"					
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"					
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"					
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"					
Trichloroethene	ND	5.0	"	"	"	"	"	"					
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"					
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"					
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"					
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"					
Vinyl chloride	ND	5.0	"	"	"	"	"	"					
Benzene	ND	5.0	"	"	"	"	"	"					
Toluene	ND	5.0	"	"	"	"	"	"					

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6@8' T110485-17 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstar Laboratories, inc.													
Volatile Organic Compounds by EPA Method 8260B													
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B					
m,p-Xylene	ND	5.0	"	"	"	"	"	"					
o-Xylene	ND	5.0	"	"	"	"	"	"					
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"					
Tert-butyl alcohol	ND	50	"	"	"	"	"	"					
Di-isopropyl ether	ND	20	"	"	"	"	"	"					
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"					
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"					
Surrogate: Toluene-d8		99.0 %	85.5-1	116	"	"	"	"					
Surrogate: 4-Bromofluorobenzene		107 %	75.1-1	121	"	"	"	"					
Surrogate: Dibromofluoromethane		111 %	90-1.	35	"	"	"	"					

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6@12' T110485-18 (Soil)

Surrogate: 4-Bromofluorobenzene 116 % 72.6-146 " " " " " Extractable Petroleum Hydrocarbons by 8015C	Result	Analyte	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C12 (GRO) ND 500 ug/kg 1 1042126 04/21/11 04/26/11 EP. Surrogate: 4-Bromofluorobenzene 116 % 72.6-146 " " " " " " EXTractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) ND 10 mg/kg 1 1042125 04/21/11 04/28/11 EP. C29-C40 (MORO) ND 10 " " " " " " " " " " " " " " " "	Sur		SunStar L	aborator	ries, Inc.					
Surrogate: 4-Bromofluorobenzene 116 % 72.6-146 " " " " " Extractable Petroleum Hydrocarbons by 8015C	PA 8015C	Purgeable Petroleum Hydrocarbons by EF								
Extractable Petroleum Hydrocarbons by 8015C	ND	C6-C12 (GRO)	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
C13-C28 (DRO)		Surrogate: 4-Bromofluorobenzene	116 %	72.6-	-146	"	"	"	"	
C29-C40 (MORO) ND 10	8015C	Extractable Petroleum Hydrocarbons by 8								
Surrogate: p-Terphenyl 125 % 65-135 " " " " " Volatile Organic Compounds by EPA Method 8260B Stromochloromethane ND 5.0 ug/kg 1 1042121 04/21/11 04/22/11 EPA Bromochloromethane ND 5.0 " " " " " " " " "	ND	C13-C28 (DRO)	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
Volatile Organic Compounds by EPA Method 8260B S.0 ug/kg 1 1042121 04/21/11 04/22/11 EPA Bromochloromethane ND S.0 " " " " " " " " " " " " " " " " " "	ND	C29-C40 (MORO)	10	"	"	"	"	"	"	
Bromobenzene ND 5.0 ug/kg 1 1042121 04/21/11 04/22/11 EPA Bromochloromethane ND 5.0 " " " " " " " " " " " " " " " " " " "		Surrogate: p-Terphenyl	125 %	65-	135	"	"	"	"	
Bromobenzene ND 5.0 ug/kg 1 1042121 04/21/11 04/22/11 EPA Bromochloromethane ND 5.0 " " " " " " " " " " " " " " " " " " "	ethod 8260B	Volatile Organic Compounds by EPA Met	В							
State Stat	ND	Bromobenzene	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Bromoform ND 5.0 " <t< td=""><td>ND</td><td>Bromochloromethane</td><td>5.0</td><td>"</td><td>"</td><td>"</td><td>"</td><td>"</td><td>"</td><td></td></t<>	ND	Bromochloromethane	5.0	"	"	"	"	"	"	
Bromomethane ND S.0 """""""""""""""""""""""""""""""""	ND	Bromodichloromethane	5.0	"	"	"	"	"	"	
n-Butylbenzene ND 5.0 " " " " " " " " " " " " " tert-Butylbenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	ND	Bromoform	5.0	"	"	"	"	"	"	
sec-Butylbenzene ND 5.0 "	ND	Bromomethane	5.0	"	"	"	"	"	"	
tert-Butylbenzene ND 5.0 "	ND	n-Butylbenzene	5.0	"	"	"	"	"	"	
Carbon tetrachloride ND 5.0 "	ND	sec-Butylbenzene	5.0	"	"	"	"	"	"	
Chlorobenzene ND 5.0 "	ND	tert-Butylbenzene	5.0	"	"	"	"	"	"	
Chloroethane ND 5.0 "	ND	Carbon tetrachloride	5.0	"	"	"	"	"	"	
Chloroform ND 5.0 " <	ND	Chlorobenzene	5.0	"	"	"	"	"	"	
Chloromethane ND 5.0 "	ND	Chloroethane	5.0	"	"	"	"	"	"	
2-Chlorotoluene ND 5.0 "	ND	Chloroform	5.0	"	"	"	"	"	"	
4-Chlorotoluene ND 5.0 "	ND	Chloromethane	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2-Chlorotoluene	5.0	"	"	"	"	"	"	
Dibromochloromethane ND 5.0 " <td>ND</td> <td>4-Chlorotoluene</td> <td>5.0</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>	ND	4-Chlorotoluene	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB) ND 5.0 "	ND	Dibromochloromethane	5.0	"	"	"	"	"	"	
Dibromomethane ND 5.0 "	ND	1,2-Dibromo-3-chloropropane	5.0	"	"	"	"	"	"	
Diotomormentatie ND 5.0 "	ND	1,2-Dibromoethane (EDB)	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene ND 5.0 " " " " " " 1,4-Dichlorobenzene ND 5.0 " " " " " "	ND	Dibromomethane	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene ND 5.0 " " " " "	ND	1,2-Dichlorobenzene	5.0	"	"	"	"	"	"	
1,4-Dichiorocelizene ND 5.0	ND	1,3-Dichlorobenzene	5.0	"	"	"	"	"	"	
Dishlard difference where	ND	1,4-Dichlorobenzene	5.0	"	"	"	"	"	"	
Dichlorodiffuoromethane ND 5.0	ND	Dichlorodifluoromethane	5.0	"	"	"	"	"	"	
1,1-Dichloroethane ND 5.0 " " " " "	ND	1,1-Dichloroethane	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6@12' T110485-18 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	S	unStar La	aboratorio	es, Inc.				
Volatile Organic Compounds by I								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
rans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Гetrachloroethene	ND	5.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6@12' T110485-18 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	

85.5-116

75.1-121

90-135

101 %

103 %

111 %

SunStar Laboratories, Inc.

Surrogate: Toluene-d8

Surrogate: 4-Bromofluorobenzene

Surrogate: Dibromofluoromethane



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

GP7@4' T110485-19 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	;	SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042126	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		117 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarb	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042125	04/21/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		123 %	65-	135	"	"	"	"	
Volatile Organic Compounds by E	EPA Method 82601	В							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7@4' T110485-19 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260E
,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
ans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
ans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Iexachlorobutadiene	ND	5.0	"	"	"	"	"	"
sopropylbenzene	ND	5.0	"	"	"	"	"	"
-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
fethylene chloride	ND	5.0	"	"	"	"	"	"
Taphthalene	ND	5.0	"	"	"	"	"	"
-Propylbenzene	ND	5.0	"	"	"	"	"	"
tyrene	ND	5.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
etrachloroethene	ND	5.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
richloroethene	ND	5.0	"	"	"	"	"	"
richlorofluoromethane	ND	5.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
inyl chloride	ND	5.0	"	"	"	"	"	"
enzene	ND	5.0	"	"	"	"	"	"
oluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7@4' T110485-19 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	9.	unstar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		99.8 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		113 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7@8' T110485-20 (Soil)

Purgeable Petroleum Hydrocarbons by C6-C12 (GRO) Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons 1 C13-C28 (DRO) C29-C40 (MORO)	ND by 8015C ND ND	500 119 % 10 10 123 %	ug/kg 72.6-	1 146	1042126	04/21/11 " 04/21/11 "	04/26/11 " 04/28/11	EPA 8015C " EPA 8015C	
C6-C12 (GRO) Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons C13-C28 (DRO)	ND by 8015C ND ND	500 119 % 10 10 123 %	72.6- mg/kg	146	1042125	04/21/11	"	"	
Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons C13-C28 (DRO)	by 8015C ND ND	119 % 10 10 123 %	72.6- mg/kg	146	1042125	04/21/11	"	"	
Extractable Petroleum Hydrocarbons C13-C28 (DRO)	ND ND	10 10 123 %	mg/kg	1	1042125	04/21/11			
C13-C28 (DRO)	ND ND	10 123 %	"	"			04/28/11	EDA 9015C	
	ND	10 123 %	"	"			04/28/11	EDA 9015C	
C29-C40 (MORO)		123 %	65-1		"	.,		EPA 6015C	
C25 C40 (MORO)	Method 8260		65-1	35			"	"	
Surrogate: p-Terphenyl	Method 8260	D			"	"	"	"	
Volatile Organic Compounds by EPA		В							
Bromobenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7@8' T110485-20 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260E
,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
ans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
ans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Iexachlorobutadiene	ND	5.0	"	"	"	"	"	"
sopropylbenzene	ND	5.0	"	"	"	"	"	"
-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
fethylene chloride	ND	5.0	"	"	"	"	"	"
Taphthalene	ND	5.0	"	"	"	"	"	"
-Propylbenzene	ND	5.0	"	"	"	"	"	"
tyrene	ND	5.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
etrachloroethene	ND	5.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
richloroethene	ND	5.0	"	"	"	"	"	"
richlorofluoromethane	ND	5.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
inyl chloride	ND	5.0	"	"	"	"	"	"
enzene	ND	5.0	"	"	"	"	"	"
oluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7@8' T110485-20 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		Sunstar La	aboratori	es, mc.					
Volatile Organic Compounds by EPA	Method 8260	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042121	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.6 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7@12' T110485-21 (Soil)

Purgeable Petroleum Hydrocarbons b C6-C12 (GRO) Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons C13-C28 (DRO)	ND	500 107 %	ug/kg 72.6-	1	1042224	04/22/11	04/27/11	EPA 8015C	
C6-C12 (GRO) Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons	ND by 8015C ND	500 107 %	72.6-						
Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons	by 8015C ND	107 % 10	72.6-						
Extractable Petroleum Hydrocarbons	ND	10		-146	"	"	"		
	ND		mg/kg					"	
C13-C28 (DRO)			mg/kg						
C13-C20 (DRO)	ND	10		1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)			"	"	"	"	"	"	
Surrogate: p-Terphenyl		114 %	65-	135	"	"	"	"	
Volatile Organic Compounds by EPA	Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7@12' T110485-21 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	D	unstar E	uborutori	cs, mc.				
Volatile Organic Compounds by	EPA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	m .
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	m .
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	m .
Tetrachloroethene	ND	5.0	"	"	"	"	"	m .
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	m .
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	m .
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	m .
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7@12' T110485-21 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	'	Julistai L	aboratori	co, 111c.					
Volatile Organic Compounds by E	PA Method 82601	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		100 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.2 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@4' T110485-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 80150								
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		118 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		125 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 826)B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@4' T110485-22 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260E
,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
rans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
rans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Iexachlorobutadiene	ND	5.0	"	"	"	"	"	"
sopropylbenzene	ND	5.0	"	"	"	"	"	"
-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Iaphthalene	ND	5.0	"	"	"	"	"	"
-Propylbenzene	ND	5.0	"	"	"	"	"	"
tyrene	ND	5.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
etrachloroethene	ND	5.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
richloroethene	ND	5.0	"	"	"	"	"	"
richlorofluoromethane	ND	5.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
inyl chloride	ND	5.0	"	"	"	"	"	"
enzene	ND	5.0	"	"	"	"	"	"
oluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@4' T110485-22 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	St	ınStar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		101 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		116 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@8' T110485-23 (Soil)

Analyte R	esult	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Sı	ınStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons by EPA	8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		115 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbons by 80	15C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		74.2 %	65-	135	"	"	"	"	
Volatile Organic Compounds by EPA Metho	od 8260B								
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@8' T110485-23 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Sui	nStar L	aboratori	es, Inc.					
Volatile Organic Compounds by	y EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@8' T110485-23 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

A Method 8260	В						
ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B
ND	5.0	"	"	"	"	"	"
ND	5.0	"	"	"	"	"	"
ND	20	"	"	"	"	"	"
ND	50	"	"	"	"	"	"
ND	20	"	"	"	"	"	"
ND	20	"	"	"	"	"	"
ND	20	"	"	"	"	"	"
	122 %	85.5-	116	"	"	"	"
	93.9 %	75.1-	121	"	"	"	"
	122 %	90-1.	35	"	"	"	"
	ND ND ND ND ND ND	ND 5.0 ND 5.0 ND 20 ND 50 ND 20 ND 20 ND 20 ND 20 122 % 93.9 %	ND 5.0 ug/kg ND 5.0 " ND 5.0 " ND 5.0 " ND 20 " ND 50 " ND 20 " ND 20 " ND 20 " ND 20 " 122 % 85.5-1	ND 5.0 ug/kg 1 ND 5.0 " " ND 5.0 " " ND 5.0 " " ND 20 " " ND 50 " " ND 20 " " ND 30 9% 85.5-116 93.9 % 75.1-121	ND 5.0 ug/kg 1 1042217 ND 5.0 " " " ND 5.0 " " " ND 20 " " " ND 50 " " " ND 20 " " " " ND 20 " " " "	ND 5.0 ug/kg 1 1042217 04/22/11 ND 5.0 " " " " ND 5.0 " " " " ND 5.0 " " " " " ND 20 " " " " " " ND 20 " " " " " " ND 20 " " " " " " "	ND 5.0 ug/kg 1 1042217 04/22/11 04/26/11 ND 5.0 " " " " " " " ND 5.0 " " " " " " " " ND 20 " " " " " " " " ND 20 " " " " " " " " ND 20 " " " " " " " " ND 20 " " " " " " " " " ND 20 " " " " " " " " " " 11 ND 20 " " " " " " " " " 11 ND 20 " " " " " " " " " " 11 ND 20 " " " " " " " " " " " 11 ND 20 " " " " " " " " " " " " " 11 ND 20 " " " " " " " " " " " " " " 11 ND 20 " " " " " " " " " " " " " " " " " "

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@12' T110485-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 80150	2							
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		75.2 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbon	ns by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		114 %	65-	135	"	"	"	"	
Volatile Organic Compounds by EP	A Method 8260)B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@12' T110485-24 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Sui	nStar L	aboratori	es, Inc.					
Volatile Organic Compounds by	y EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8@12' T110485-24 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by	EPA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-hutyl ether	ND	20	"	"	"	"	"	"	

 Methyl tert-butyl ether
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SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@4' T110485-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 80150								
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		116 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarb	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		69.9 %	65-	135	"	"	"	II	
Volatile Organic Compounds by F	EPA Method 8260)B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@4' T110485-25 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Sun	Star L	aboratorio	es, inc.				
Volatile Organic Compounds by EPA Me	thod 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	II .
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Tetrachloroethene	ND	5.0	"	"	"	"	"	II .
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	II .
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	II .
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	II .
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	II .
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	II .
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	II .
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	II .
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@4' T110485-25 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

				,					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.9 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.0 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		121 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@8' T110485-26 (Soil)

Purgeable Petroleum Hydrocarbons by EPA 801 C6-C12 (GRO) ND Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) 11 C29-C40 (MORO) ND Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Method 82 Bromobenzene ND Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND Callet Statistical ND Sec-Butylbenzene ND	500 114 %	ug/kg 72.6	1	1042224	04/22/11	04/27/11	EPA 8015C	
C6-C12 (GRO) ND Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) 11 C29-C40 (MORO) ND Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Method 8: Bromobenzene ND Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND Bromomethane ND Bromomethane ND Bromomethane ND Bromomethane ND Bromomethane ND Bromosethane ND Bromomethane ND	500 114 %				04/22/11	04/27/11	EPA 8015C	
Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) 11 C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Method 8 Bromobenzene Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND Bromomethane ND Bromomethane ND Bromomethane ND Bromoser ND Bromomethane ND Bromoser ND Bromomethane ND Bromomethane ND Bromomethane ND ND Bromomethane ND ND Bromomethane ND ND ND Bromomethane ND ND ND ND ND Sec-Butylbenzene ND	114 %				04/22/11	04/27/11	EPA 8015C	
Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) 11 C29-C40 (MORO) ND Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Method 82 Bromobenzene ND Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND Bromomethane ND Bromomethane ND Bromomethane ND Bromoserbane ND Bromomethane ND		72.6	-146					
C13-C28 (DRO) C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Method 82 Bromobenzene ND Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND Bromomethane ND bromomethane ND colored N	10			"	"	"	"	
C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Method 82 Bromobenzene Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND Bromomethane ND bromomethane ND compounds by EPA Method 82 Bromobenzene ND Bromochloromethane ND Bromoform ND Bromoform ND Bromomethane ND n-Butylbenzene ND sec-Butylbenzene ND tert-Butylbenzene	10							
Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Method 82 Bromobenzene ND Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND n-Butylbenzene ND sec-Butylbenzene ND tert-Butylbenzene ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
Volatile Organic Compounds by EPA Method 8BromobenzeneNDBromochloromethaneNDBromodichloromethaneNDBromoformNDBromomethaneNDn-ButylbenzeneNDsec-ButylbenzeneNDtert-ButylbenzeneND	10	"	"	"	"	"	"	
Bromobenzene ND Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND n-Butylbenzene ND sec-Butylbenzene ND tert-Butylbenzene ND	73.1 %	65-	135	"	"	"	"	
Bromochloromethane ND Bromodichloromethane ND Bromoform ND Bromomethane ND n-Butylbenzene ND sec-Butylbenzene ND tert-Butylbenzene ND	260B							
Bromodichloromethane ND Bromoform ND Bromomethane ND n-Butylbenzene ND sec-Butylbenzene ND tert-Butylbenzene ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromoform ND Bromomethane ND n-Butylbenzene ND sec-Butylbenzene ND tert-Butylbenzene ND	5.0	"	"	"	"	"	"	
Bromomethane ND n-Butylbenzene ND sec-Butylbenzene ND tert-Butylbenzene ND	5.0	"	"	"	"	"	"	
n-Butylbenzene ND sec-Butylbenzene ND tert-Butylbenzene ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene ND tert-Butylbenzene ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene ND	5.0	"	"	"	"	"	"	
-	5.0	"	"	"	"	"	"	
	5.0	"	"	"	"	"	n	
Carbon tetrachloride ND	5.0	"	"	"	"	"	"	
Chlorobenzene ND	5.0	"	"	"	"	"	"	
Chloroethane ND	5.0	"	"	"	"	"	"	
Chloroform ND	5.0	"	"	"	"	"	"	
Chloromethane ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene ND	5.0	"	"	"	"	"	"	
Dibromochloromethane ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB) ND	5.0	"	"	"	"	"	"	
Dibromomethane ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@8' T110485-26 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	S	unStar L	aboratori	es, Inc.				
Volatile Organic Compounds by								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
rans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Гetrachloroethene	ND	5.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Γrichloroethene	ND	5.0	"	"	"	"	"	"
Γrichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@8' T110485-26 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

volatile Organic Compounds by EPA Me	11100 8200D								
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	

 Methyl tert-butyl ether
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SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@12' T110485-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 80150								
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		114 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarb	oons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		121 %	65-	135	"	"	"	"	
Volatile Organic Compounds by F	EPA Method 8260)B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"		"		"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@12' T110485-27 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

SunStar Laboratories, Inc.									
Volatile Organic Compounds by									
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
rans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Гetrachloroethene	ND	5.0	"	"	"	"	"	"	
,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Γrichloroethene	ND	5.0	"	"	"	"	"	"	
Γrichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@12' T110485-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc

	1	SunStar La	aboratori	es, Inc.					
Volatile Organic Compounds by EI	PA Method 8260I	3							
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		99.9 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.1 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		113 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@4' T110485-28 (Soil)

Purgeable Petroleum Hydrocarbons b C6-C12 (GRO)	o y EPA 8015(ND		aborator	ies, Inc.					
C6-C12 (GRO)	ND	500							
		500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		114 %	72.6-	-146	"	"	"	"	
Extractable Petroleum Hydrocarbons	by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		119 %	65-	135	"	"	"	"	
Volatile Organic Compounds by EPA	Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
ert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@4' T110485-28 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	51	unotai L	abul atul i	es, me.					
Volatile Organic Compounds by	EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	n .	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	n .	
Isopropylbenzene	ND	5.0	"	"	"	"	"	n .	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	n .	
Methylene chloride	ND	5.0	"	"	"	"	"	n .	
Naphthalene	ND	5.0	"	"	"	"	"	n .	
n-Propylbenzene	ND	5.0	"	"	"	"	"	n .	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	n .	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	n .	
Tetrachloroethene	ND	5.0	"	"	"	"	"	n .	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	n .	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	n .	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	m .	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	n .	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	n .	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	m .	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	m .	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	m .	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@4' T110485-28 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

'	ounoun L	aboratori	cs, 111c.					
hod 8260]	В							
ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
ND	5.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	20	"	"	"	"	"	"	
ND	50	"	"	"	"	"	"	
ND	20	"	"	"	"	"	"	
ND	20	"	"	"	"	"	"	
ND	20	"	"	"	"	"	"	
	96.5 %	85.5-	116	"	"	"	"	· <u> </u>
	94.8 %	75.1-	121	"	"	"	"	
	120 %	90-1.	35	"	"	"	"	
	ND N	ND 5.0 ND 5.0 ND 5.0 ND 5.0 ND 5.0 ND 20 ND 48%	ND 5.0 ug/kg ND 5.0 " ND 5.0 " ND 5.0 " ND 50 " ND 20 " ND 48% 85.5-1	ND 5.0 ug/kg 1 ND 5.0 " " ND 5.0 " " ND 5.0 " " ND 5.0 " " ND 20 " "	ND 5.0 ug/kg 1 1042217 ND 5.0 " " " ND 5.0 " " " ND 20 " " " ND 50 " " " ND 20 " " " P0.5 % 85.5-116 " " 94.8 % 75.1-121 "	ND 5.0 ug/kg 1 1042217 04/22/11 ND 5.0 " " " " ND 5.0 " " " " ND 5.0 " " " " ND 20 " " " " " " ND 20 " " " " " "	ND 5.0 ug/kg 1 1042217 04/22/11 04/26/11 ND 5.0 " <td>ND 5.0 ug/kg 1 1042217 04/22/11 04/26/11 EPA 8260B ND 5.0 " " " " " " " " ND 5.0 " " " " " " " " ND 20 " " " " " " " " " ND 50 " " " " " " " " ND 20 " " " " " " " " " ND 20 " " " " " " " " " ND 20 " " " " " " " " " " ND 20 " " " " " " " " " " " ND 20 " " " " " " " " " " " " " " " " " "</td>	ND 5.0 ug/kg 1 1042217 04/22/11 04/26/11 EPA 8260B ND 5.0 " " " " " " " " ND 5.0 " " " " " " " " ND 20 " " " " " " " " " ND 50 " " " " " " " " ND 20 " " " " " " " " " ND 20 " " " " " " " " " ND 20 " " " " " " " " " " ND 20 " " " " " " " " " " " ND 20 " " " " " " " " " " " " " " " " " "

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@8' T110485-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		117 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarl	oons by 8015C								
C13-C28 (DRO)	13	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	29	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		132 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	.,	"	"	"	
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SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@8' T110485-29 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Sui	nStar L	aboratori	es, Inc.					
Volatile Organic Compounds by I	EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	m .	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	m .	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	m .	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	n .	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@8' T110485-29 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	St	mstar L	aboratori	es, mc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		110 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.6 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		131 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@12' T110485-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons	s by EPA 80150	2							
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		115 %	72.6	-146	"	"	"	ii .	
Extractable Petroleum Hydrocarbo	ns by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		68.7 %	65	135	"	"	"	"	
Volatile Organic Compounds by EP	A Method 8260)B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@12' T110485-30 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	51	unotai L	abul atul i	es, me.					
Volatile Organic Compounds by	EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	n .	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	n .	
Isopropylbenzene	ND	5.0	"	"	"	"	"	n .	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	n .	
Methylene chloride	ND	5.0	"	"	"	"	"	n .	
Naphthalene	ND	5.0	"	"	"	"	"	n .	
n-Propylbenzene	ND	5.0	"	"	"	"	"	n .	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	n .	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	n .	
Tetrachloroethene	ND	5.0	"	"	"	"	"	n .	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	n .	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	n .	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	m .	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	n .	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	n .	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	m .	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	m .	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	m .	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP10@12' T110485-30 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	3	unstar L	aboratori	es, mc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.5 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.4 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		116 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@10' T110485-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo									
<u>C6-C12 (GRO)</u>	11000	1000	ug/kg	2	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		104 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarb	ons by 8015C								
C13-C28 (DRO)	860	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	79	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		70.2 %	65-	135	"	"	"	"	
Volatile Organic Compounds by E	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	35	5.0	"	"	"	"	"	"	
sec-Butylbenzene	37	5.0	"	"	"	"	"	"	
tert-Butylbenzene	6.8	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@10' T110485-31 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Su	instar La	aboratori	es, Inc.					
Volatile Organic Compounds by	EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	40	5.0	"	"	"	"	"	"	
n-Propylbenzene	9.6	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	15	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	28	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	7.4	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP10@10' T110485-31 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	S	unStar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	n n	
Tert-butyl alcohol	ND	50	"	"	"	"	"	n n	
Di-isopropyl ether	ND	20	"	"	"	"	"	n n	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	n n	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		107 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		166 %	75.1-	121	"	"	"	"	S-GC
Surrogate: Dibromofluoromethane		148 %	90-1	35	"	"	"	"	S-GC

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@4' T110485-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 80150	7							
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		115 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbon	s by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		134 %	65	135	"	"	"	"	
Volatile Organic Compounds by EPA	A Method 8260)B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@4' T110485-32 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Sui	nStar L	aboratori	es, Inc.					
Volatile Organic Compounds by I	EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	m .	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	m .	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	m .	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	n .	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@4' T110485-32 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Si	ınStar L	aboratori	es, Inc.					
Volatile Organic Compounds by El	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		100 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		118 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@8' T110485-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015	С							
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		116 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarb	ons by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		108 %	65-	135	"	"	"	"	
Volatile Organic Compounds by F	EPA Method 826	0B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@8' T110485-33 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Suilsui Luborutores, mei												
Volatile Organic Compounds by	EPA Method 8260B												
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B					
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"					
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"					
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"					
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"					
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"					
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"					
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"					
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"					
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"					
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	m .					
Isopropylbenzene	ND	5.0	"	"	"	"	"	"					
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"					
Methylene chloride	ND	5.0	"	"	"	"	"	"					
Naphthalene	ND	5.0	"	"	"	"	"	"					
n-Propylbenzene	ND	5.0	"	"	"	"	"	"					
Styrene	ND	5.0	"	"	"	"	"	"					
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	m .					
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	m .					
Tetrachloroethene	ND	5.0	"	"	"	"	"	m .					
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	m .					
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	m .					
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"					
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	m .					
Trichloroethene	ND	5.0	"	"	"	"	"	"					
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"					
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"					
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"					
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"					
Vinyl chloride	ND	5.0	"	"	"	"	"	"					
Benzene	ND	5.0	"	"	"	"	"	"					
Toluene	ND	5.0	"	"	"	"	"	"					

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@8' T110485-33 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Su	ınStar L	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	n .	
o-Xylene	ND	5.0	"	"	"	"	"	n .	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	n .	
Surrogate: Toluene-d8		100 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		118 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@12' T110485-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 80150	C							
C6-C12 (GRO)	ND	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		115 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbon	s by 8015C								
C13-C28 (DRO)	ND	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		127 %	65	135	"	"	"	"	
Volatile Organic Compounds by EP	A Method 8260)B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@12' T110485-34 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	51	unotai L	abul atul i	es, me.					
Volatile Organic Compounds by	EPA Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	n .	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	n .	
Isopropylbenzene	ND	5.0	"	"	"	"	"	n .	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	n .	
Methylene chloride	ND	5.0	"	"	"	"	"	n .	
Naphthalene	ND	5.0	"	"	"	"	"	n .	
n-Propylbenzene	ND	5.0	"	"	"	"	"	n .	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	n .	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	n .	
Tetrachloroethene	ND	5.0	"	"	"	"	"	n .	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	n .	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	n .	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	m .	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	n .	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	n .	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	m .	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	m .	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	m .	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP13@12' T110485-34 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		Sulistai La	aboi atoi i	cs, IIIc.					
Volatile Organic Compounds by EPA	Method 8260	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.9 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.1 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		119 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@10' T110485-35 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbons b									
C6-C12 (GRO)	3200	1000	ug/kg	2	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		90.6 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbons	by 8015C								
C13-C28 (DRO)	270	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	40	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		119 %	65-	135	"	"	"	"	
Volatile Organic Compounds by EPA	Method 826	0B							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	10	5.0	"	"	"	"	"	"	
sec-Butylbenzene	15	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@10' T110485-35 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	D	unstar L	uborutori	co, 111c.				
Volatile Organic Compounds by	EPA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	5.2	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Tetrachloroethene	ND	5.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP9@10' T110485-35 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by E									
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		95.6 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		138 %	75.1-	121	"	"	"	"	S-GC

90-135

121 %

SunStar Laboratories, Inc.

Surrogate: Dibromofluoromethane



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP4-GW T110485-36 (Water)

Surrogate: 4-Bromofluorobenzene 105 % 72.6-146 " " " "	nalyzed	Method	Notes
C6-C12 (GRO) ND 50 ug/l 1 1042130 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21/11 04/25 04/21			
Surrogate: 4-Bromofluorobenzene 105 % 72.6-146 " " "			
Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) ND 0.050 mg/l 1 1042129 04/21/11 04/229-C40 (MORO) ND 0.10 " " " " " " " " "	1/26/11	EPA 8015C	
C13-C28 (DRO)	"	"	
C29-C40 (MORO) ND 0.10 " " " " " " "			
No. 1/27/11	EPA 8015C		
Volatile Organic Compounds by EPA Method 8260B	"	"	
Bromobenzene ND 1.0 ug/l 1 1042128 04/21/11 04/21/21 04/21/11 04/21 04/21/11 04/21/21 04/21/11 04/21/21 04/21/11 04/21/21 04/21/11 04/21/21 04/	"	"	
Bromobenzene ND 1.0 ug/l 1 1042128 04/21/11 04/21/21 04/21/11 04/21 04/21/11 04/21/21 04/21/11 04/21/21 04/21/11 04/21/21 04/21/11 04/21/21 04/			
Bromodichloromethane ND 1.0 "	1/22/11	EPA 8260B	
Bromoform ND 1.0 " <t< td=""><td>"</td><td>"</td><td></td></t<>	"	"	
Bromomethane ND 1.0 """""""""""""""""""""""""""""""""	"	"	
n-Butylbenzene ND 1.0 """""""""""""""""""""""""""""""""	"	"	
sec-Butylbenzene ND 1.0 "	"	"	
tert-Butylbenzene ND 1.0 "	"	"	
Carbon tetrachloride ND 0.50 " <td>"</td> <td>"</td> <td></td>	"	"	
Chlorobenzene ND 1.0 "	"	"	
Chloroethane ND 1.0 "	"	"	
Chloroform ND 1.0 " <	"	"	
Chloromethane ND 1.0 " " " " 2-Chlorotoluene ND 1.0 " " " " 4-Chlorotoluene ND 1.0 " " " " Dibromochloromethane ND 1.0 " " " " 1,2-Dibromo-3-chloropropane ND 1.0 " " " " 1,2-Dibromoethane (EDB) ND 1.0 " " " "	"	"	
2-Chlorotoluene ND 1.0 "	"	"	
4-Chlorotoluene ND 1.0 "	"	"	
A-Chlorotoldene	"	"	
1,2-Dibromoethane (EDB) ND 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	"	"	
1,2-Dibromoethane (EDB) ND 1.0 """" """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ """ """ """ """ """ """ """ """ """ """ "" """ """ ""	"	"	
	"	"	
	"	"	
Dibromomethane ND 1.0 " " " "	"	"	
1,2-Dichlorobenzene ND 1.0 " " "	"	"	
1,3-Dichlorobenzene ND 1.0 " " "	"	"	
1,4-Dichlorobenzene ND 1.0 " " "	"	"	
Dichlorodifluoromethane ND 0.50 " " " "	"	"	
1,1-Dichloroethane ND 1.0 " " "	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP4-GW T110485-36 (Water)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260E
,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
ans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
ans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Iexachlorobutadiene	ND	1.0	"	"	"	"	"	"
sopropylbenzene	ND	1.0	"	"	"	"	"	"
-Isopropyltoluene	ND	1.0	"	"	"	"	"	"
lethylene chloride	ND	1.0	"	"	"	"	"	"
Taphthalene	ND	1.0	"	"	"	"	"	"
-Propylbenzene	ND	1.0	"	"	"	"	"	"
tyrene	ND	1.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
etrachloroethene	ND	1.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"
richloroethene	ND	1.0	"	"	"	"	"	"
richlorofluoromethane	ND	1.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
inyl chloride	ND	1.0	"	"	"	"	"	"
enzene	ND	0.50	"	"	"	"	"	"
oluene	ND	0.50	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP4-GW T110485-36 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Suistar Laboratories, inc.											
Volatile Organic Compounds by E	PA Method 8260	В										
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B				
m,p-Xylene	ND	1.0	"	"	"	"	"	"				
o-Xylene	ND	0.50	"	"	"	"	"	"				
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"				
Tert-butyl alcohol	ND	10	"	"	"	"	"	"				
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"				
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"				
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"				
Surrogate: Toluene-d8		99.1 %	84.7-	109	"	"	"	"				
Surrogate: 4-Bromofluorobenzene		102 %	83.5-	119	"	"	"	"				
Surrogate: Dibromofluoromethane		94.4 %	81.1-	136	"	"	"	"				

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2-GW T110485-37 (Water)

Purgeable Petroleum Hydrocarbons by EPC6-C12 (GRO) Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons by 8 C13-C28 (DRO) C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Met	**ND **ND **O15C **ND **ND **ND **ND **ND **ND **ND **O15C **ND **ND **O15C **O	50 103 % 0.050 0.10 109 %	ug/l 72.6	1 -146	1042130	04/21/11	04/26/11	EPA 8015C	
C6-C12 (GRO) Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons by 8 C13-C28 (DRO) C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Met	ND 015C ND ND	0.050 0.10	72.6	-146					
Surrogate: 4-Bromofluorobenzene Extractable Petroleum Hydrocarbons by 8 C13-C28 (DRO) C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Met	015C ND ND	0.050 0.10	72.6	-146					
Extractable Petroleum Hydrocarbons by 8 C13-C28 (DRO) C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Met	ND ND	0.050 0.10	mg/l		"	"	"	,,	
C13-C28 (DRO) C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Met Bromobenzene	ND ND	0.10							
C29-C40 (MORO) Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Met Bromobenzene	ND	0.10							
Surrogate: p-Terphenyl Volatile Organic Compounds by EPA Met Bromobenzene			"	1	1042129	04/21/11	04/27/11	EPA 8015C	
Volatile Organic Compounds by EPA Met	hod 8260	109 %		"	"	"	"	"	
Bromobenzene	hod 8260		65-	135	"	"	"	ii .	
Bromobenzene		В							
Bromochloromethane	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	1112								

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2-GW T110485-37 (Water)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B
,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
ris-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
rans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
ris-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
rans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"
sopropylbenzene	ND	1.0	"	"	"	"	"	"
-Isopropyltoluene	ND	1.0	"	"	"	"	"	"
Methylene chloride	ND	1.0	"	"	"	"	"	"
Naphthalene	ND	1.0	"	"	"	"	"	"
-Propylbenzene	ND	1.0	"	"	"	"	"	"
Styrene	ND	1.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
Tetrachloroethene	ND	1.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"
Trichloroethene	ND	1.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
Vinyl chloride	ND	1.0	"	"	"	"	"	"
Benzene	ND	0.50	"	"	"	"	"	"
Toluene	ND	0.50	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP2-GW T110485-37 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Substat Laboratories, Inc.											
Volatile Organic Compounds by E	PA Method 8260	В										
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B				
m,p-Xylene	ND	1.0	"	"	"	"	"	"				
o-Xylene	ND	0.50	"	"	"	"	"	"				
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"				
Tert-butyl alcohol	ND	10	"	"	"	"	"	"				
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"				
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"				
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"				
Surrogate: Toluene-d8		98.9 %	84.7-	109	"	"	"	"				
Surrogate: 4-Bromofluorobenzene		101 %	83.5-	119	"	"	"	"				
Surrogate: Dibromofluoromethane		97.6 %	81.1-	136	"	"	"	"				

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

GP6-GW T110485-38 (Water)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbon	s by EPA 8015C								
C6-C12 (GRO)	ND	50	ug/l	1	1042130	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		105 %	72.6	5-146	"	"	"	"	
Extractable Petroleum Hydrocarbo	ons by 8015C								
C13-C28 (DRO)	ND	0.050	mg/l	1	1042129	04/21/11	04/27/11	EPA 8015C	_
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	m .	
Surrogate: p-Terphenyl		122 %	65-	135	"	"	"	"	
Volatile Organic Compounds by El	PA Method 8260	В							
Bromobenzene	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6-GW T110485-38 (Water)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260E
,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
ans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
ans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Iexachlorobutadiene	ND	1.0	"	"	"	"	"	"
sopropylbenzene	ND	1.0	"	"	"	"	"	"
-Isopropyltoluene	ND	1.0	"	"	"	"	"	"
lethylene chloride	ND	1.0	"	"	"	"	"	"
Taphthalene	ND	1.0	"	"	"	"	"	"
-Propylbenzene	ND	1.0	"	"	"	"	"	"
tyrene	ND	1.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
etrachloroethene	ND	1.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"
richloroethene	ND	1.0	"	"	"	"	"	"
richlorofluoromethane	ND	1.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
inyl chloride	ND	1.0	"	"	"	"	"	"
enzene	ND	0.50	"	"	"	"	"	"
oluene	ND	0.50	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP6-GW T110485-38 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		Sunstar La	iboratori	es, inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		95.6 %	84.7-	109	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5-	119	"	"	"	"	
Surrogate: Dibromofluoromethane		98.5 %	81.1-	136	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP1-GW T110485-40 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aboratoi	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 80150	C							
C6-C12 (GRO)	55	50	ug/l	1	1042130	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		92.4 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarl	bons by 8015C								
C13-C28 (DRO)	0.89	0.050	mg/l	1	1042129	04/21/11	04/27/11	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		99.2 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP1-GW T110485-40 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260E
,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
ans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
ans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Iexachlorobutadiene	ND	1.0	"	"	"	"	"	"
sopropylbenzene	ND	1.0	"	"	"	"	"	"
-Isopropyltoluene	ND	1.0	"	"	"	"	"	"
lethylene chloride	ND	1.0	"	"	"	"	"	"
Taphthalene	ND	1.0	"	"	"	"	"	"
-Propylbenzene	ND	1.0	"	"	"	"	"	"
tyrene	ND	1.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
etrachloroethene	ND	1.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"
richloroethene	ND	1.0	"	"	"	"	"	"
richlorofluoromethane	ND	1.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
inyl chloride	ND	1.0	"	"	"	"	"	"
enzene	ND	0.50	"	"	"	"	"	"
oluene	ND	0.50	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP1-GW T110485-40 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		Sunstai L	anoi atori	CB, 111C.					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	2.6	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		101 %	84.7-	109	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	83.5-	119	"	"	"	"	
Surrogate: Dibromofluoromethane		102 %	81.1-	136	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

GP7-GW T110485-41 (Water)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbon	s by EPA 8015C								
C6-C12 (GRO)	ND	50	ug/l	1	1042130	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		105 %	72.6	5-146	"	"	"	"	
Extractable Petroleum Hydrocarbo	ons by 8015C								
C13-C28 (DRO)	ND	0.050	mg/l	1	1042129	04/21/11	04/27/11	EPA 8015C	_
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		129 %	65-	135	"	"	"	"	
Volatile Organic Compounds by El	PA Method 8260	В							
Bromobenzene	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7-GW T110485-41 (Water)

Analyte Result Limit Units Dilution Batch Prepared Analyzed Method	
	Notes

SunStar Laboratories, Inc.

	ь	unstai La	1001 atol 1	es, IIIc.					
Volatile Organic Compounds by	EPA Method 8260B	}							
1,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	2.0	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP7-GW T110485-41 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		builbear Le	iboi atoi i	cs, IIIc.					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		96.8 %	84.7-	109	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5-	119	"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	81.1-	136	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8-GW T110485-42 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aboratoi	ries, Inc.					
Purgeable Petroleum Hydrocarbon	ns by EPA 80150	C							
C6-C12 (GRO)	ND	50	ug/l	1	1042130	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		95.0 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbo	ons by 8015C								
C13-C28 (DRO)	ND	0.050	mg/l	1	1042129	04/21/11	04/27/11	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		112 %	65-	135	"	"	"	"	
Volatile Organic Compounds by El	PA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8-GW T110485-42 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260E
,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
ans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
ans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Iexachlorobutadiene	ND	1.0	"	"	"	"	"	"
sopropylbenzene	ND	1.0	"	"	"	"	"	"
-Isopropyltoluene	ND	1.0	"	"	"	"	"	"
lethylene chloride	ND	1.0	"	"	"	"	"	"
Taphthalene	ND	1.0	"	"	"	"	"	"
-Propylbenzene	ND	1.0	"	"	"	"	"	"
tyrene	ND	1.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
etrachloroethene	ND	1.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"
richloroethene	ND	1.0	"	"	"	"	"	"
richlorofluoromethane	ND	1.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
inyl chloride	ND	1.0	"	"	"	"	"	"
enzene	ND	0.50	"	"	"	"	"	"
oluene	ND	0.50	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP8-GW T110485-42 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstar Laboratories, Inc.											
Volatile Organic Compounds by E	PA Method 8260	В									
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	•		
m,p-Xylene	ND	1.0	"	"	"	"	"	"			
o-Xylene	ND	0.50	"	"	"	"	"	"			
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"			
Tert-butyl alcohol	ND	10	"	"	"	"	"	"			
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"			
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"			
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	n .			
Surrogate: Toluene-d8		98.2 %	84.7-	109	"	"	"	"			
Surrogate: 4-Bromofluorobenzene		102 %	83.5-	119	"	"	"	"			
Surrogate: Dibromofluoromethane		98.0 %	81.1-	136	"	"	"	"			

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@4' T110485-47 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbon									
<u>C6-C12 (GRO)</u>	510	500	ug/kg	1	1042224	04/22/11	04/27/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		115 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarb	ons by 8015C								
C13-C28 (DRO)	70	10	mg/kg	1	1042212	04/22/11	04/28/11	EPA 8015C	
C29-C40 (MORO)	27	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		69.3 %	65-	135	"	"	"	"	
Volatile Organic Compounds by E	PA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@4' T110485-47 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	D	unstar E	uborutori	cs, mc.				
Volatile Organic Compounds by	EPA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	m .
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	m .
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	m .
Tetrachloroethene	ND	5.0	"	"	"	"	"	m .
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	m .
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	m .
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	m .
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@4' T110485-47 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	'	ounoun L	abol atol i	, 1110.					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042217	04/22/11	04/26/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		100 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		120 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@8' T110485-48 (Soil)

Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) ND 10 mg/k C29-C40 (MORO) ND 10 "	g 1 2.6-146	1042224	04/22/11	04/27/11	EPA 8015C	
C6-C12 (GRO) ND 500 ug/kg Surrogate: 4-Bromofluorobenzene 116 % 7 Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) ND 10 mg/kg C29-C40 (MORO) ND 10 " Surrogate: p-Terphenyl 116 % 6 Volatile Organic Compounds by EPA Method 8260B Second	2.6-146 rg 1	1042212	"			
Surrogate: 4-Bromofluorobenzene 116 % 7 Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) ND 10 mg/k C29-C40 (MORO) ND 10 " Surrogate: p-Terphenyl 116 % 0 Volatile Organic Compounds by EPA Method 8260B Bromobenzene ND 5.0 ug/k Bromochloromethane ND 5.0 " Bromodichloromethane ND 5.0 " Bromomethane ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	2.6-146 rg 1	1042212	"			
Extractable Petroleum Hydrocarbons by 8015C C13-C28 (DRO) ND 10 mg/k C29-C40 (MORO) ND 10 " Surrogate: p-Terphenyl 116 % 6 Volatile Organic Compounds by EPA Method 8260B Bromobenzene ND 5.0 ug/k; Bromochloromethane ND 5.0 " Bromodichloromethane ND 5.0 " Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	g 1	1042212		"	"	
C13-C28 (DRO) ND 10 mg/k C29-C40 (MORO) ND 10 " Surrogate: p-Terphenyl 116 % c Volatile Organic Compounds by EPA Method 8260B Bromobenzene ND 5.0 ug/k; Bromochloromethane ND 5.0 " Bromodichloromethane ND 5.0 " Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	"		0.1/02/11			
C29-C40 (MORO) ND 10 " Surrogate: p-Terphenyl 116 % C Volatile Organic Compounds by EPA Method 8260B Volatile Organic Compounds by EPA Method 8260B Bromobenzene ND 5.0 ug/kg Bromochloromethane ND 5.0 " Bromodichloromethane ND 5.0 " Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	"		0.4/00/11			
Surrogate: p-Terphenyl 116 % Compounds by EPA Method 8260B Bromobenzene ND 5.0 ug/kg Bromochloromethane ND 5.0 " Bromodichloromethane ND 5.0 " Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "		"	04/22/11	04/28/11	EPA 8015C	
Volatile Organic Compounds by EPA Method 8260B Bromobenzene ND 5.0 ug/kg Bromochloromethane ND 5.0 " Bromodichloromethane ND 5.0 " Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	65-135		"	"	"	
Bromobenzene ND 5.0 ug/kg Bromochloromethane ND 5.0 " Bromodichloromethane ND 5.0 " Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "		"	"	"	"	
Bromobenzene ND 5.0 ug/kg Bromochloromethane ND 5.0 " Bromodichloromethane ND 5.0 " Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "						
Bromodichloromethane ND 5.0 " Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	g 1	1042220	04/22/11	04/23/11	EPA 8260B	
Bromoform ND 5.0 " Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	"	"	"	"	"	
Bromomethane ND 5.0 " n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	"	"	"	"	"	
n-Butylbenzene ND 5.0 " sec-Butylbenzene ND 5.0 " tert-Butylbenzene ND 5.0 " Carbon tetrachloride ND 5.0 "	"	"	"	"	"	
sec-ButylbenzeneND5.0"tert-ButylbenzeneND5.0"Carbon tetrachlorideND5.0"	"	"	"	"	"	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	"	"	"	"	"	
Carbon tetrachloride ND 5.0 "	"	"	"	"	"	
	"	"	"	"	"	
Chlorobenzene ND 5.0 "	"	"	"	"	"	
	"	"	"	"	"	
Chloroethane ND 5.0 "	"	"	"	"	"	
Chloroform ND 5.0 "	"	"	"	"	"	
Chloromethane ND 5.0 "	"	"	"	"	"	
2-Chlorotoluene ND 5.0 "	"	"	"	"	"	
4-Chlorotoluene ND 5.0 "	"	"	"	"	"	
Dibromochloromethane ND 5.0 "	"	"	"	"	"	
1,2-Dibromo-3-chloropropane ND 5.0 "	"	"	"	"	"	
1,2-Dibromoethane (EDB) ND 5.0 "	"	"	"	"	"	
Dibromomethane ND 5.0 "	"	"	"	"	"	
1,2-Dichlorobenzene ND 5.0 "	"	"	"	"	"	
1,3-Dichlorobenzene ND 5.0 "	"	"	"	"	"	
1,4-Dichlorobenzene ND 5.0 "	"	"	"	"	"	
Dichlorodifluoromethane ND 5.0 "	"	"	"	"	"	
1,1-Dichloroethane ND 5.0 "	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@8' T110485-48 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstai Laboratories, IIC.											
Volatile Organic Compounds by	EPA Method 8260B										
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B			
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"			
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"			
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"			
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"			
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"			
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"			
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"			
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"			
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"			
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"			
Isopropylbenzene	ND	5.0	"	"	"	"	"	"			
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"			
Methylene chloride	ND	5.0	"	"	"	"	"	"			
Naphthalene	ND	5.0	"	"	"	"	"	"			
n-Propylbenzene	ND	5.0	"	"	"	"	"	"			
Styrene	ND	5.0	"	"	"	"	"	"			
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"			
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"			
Tetrachloroethene	ND	5.0	"	"	"	"	"	"			
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"			
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"			
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"			
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"			
Trichloroethene	ND	5.0	"	"	"	"	"	"			
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"			
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"			
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"			
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"			
Vinyl chloride	ND	5.0	"	"	"	"	"	"			
Benzene	ND	5.0	"	"	"	"	"	"			
Toluene	ND	5.0	"	"	"	"	"	"			

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@8' T110485-48 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstal Laboratories, Inc.												
Volatile Organic Compounds by EPA Method 8260B												
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B				
m,p-Xylene	ND	5.0	"	"	"	"	"	"				
o-Xylene	ND	5.0	"	"	"	"	"	"				
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"				
Tert-butyl alcohol	ND	50	"	"	"	"	"	"				
Di-isopropyl ether	ND	20	"	"	"	"	"	"				
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"				
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"				
Surrogate: Toluene-d8		97.0 %	85.5-1	116	"	"	"	"				
Surrogate: 4-Bromofluorobenzene		104 %	75.1-1	121	"	"	"	"				
Surrogate: Dibromofluoromethane		108 %	90-1.	35	"	"	"	"				

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@12' T110485-49 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.		_			
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		101 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	28	10	mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
C29-C40 (MORO)	20	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		77.5 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
,	•								

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@12' T110485-49 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	D	unotai D	uborutori	cs, mc.				
Volatile Organic Compounds by	EPA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Tetrachloroethene	ND	5.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@12' T110485-49 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstar Laboratories, Inc.														
Volatile Organic Compounds by EPA	Volatile Organic Compounds by EPA Method 8260B													
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B						
m,p-Xylene	ND	5.0	"	"	"	"	"	"						
o-Xylene	ND	5.0	"	"	"	"	"	"						
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"						
Tert-butyl alcohol	ND	50	"	"	"	"	"	"						
Di-isopropyl ether	ND	20	"	"	"	"	"	"						
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"						
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"						
Surrogate: Toluene-d8		99.6 %	85.5-1	116	"	"	"	"						
Surrogate: 4-Bromofluorobenzene		106 %	75.1-1	121	"	"	"	"						
Surrogate: Dibromofluoromethane		118 %	90-1.	35	"	"	"	"						

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@10' T110485-50 (Soil)

Purgeable Petroleum Hydrocarbons by EPA 8015C Surrogate: 4-Bromofluorobenzene 103 % 72.6-146 " " " " " " " " " " " " " " " " " "	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Co-Cl 2 (GRO)			SunStar L	aborator	ries, Inc.					
Name	Purgeable Petroleum Hydrocarbo	ons by EPA 8015C	,							
C13-C28 (DRO) 25 10 mg/kg 1 1042214 04/2711 04/2711 EPA 8015C C29-C40 (MORO) 22 10 " " " " " " " " " " " " " " " " " "	C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
C13-C28 (DRO) 25 10 mg/kg 1 1042214 04/22/11 04/29/11 EPA 8015C C29-C40 (MORO) 22 10 " " " " " " " " " " " " " " " " " "	Surrogate: 4-Bromofluorobenzene		103 %	72.6	-146	"	"	"	"	
C29-C40 (MORO) 22 10 "	Extractable Petroleum Hydrocark	oons by 8015C								
Note 131 % 65-135	C13-C28 (DRO)	25	10	mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
No	C29-C40 (MORO)	22	10	"	"	"	"	"	"	
Bromobenzene ND 5.0 ug/kg 1 1042220 04/22/11 04/23/11 EPA 8260B Bromochloromethane ND 5.0 "	Surrogate: p-Terphenyl		131 %	65	135	"	"	"	"	
Bromochloromethane ND S.0	Volatile Organic Compounds by I	EPA Method 8260	В							
Bromodichloromethane ND	Bromobenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Stomoform ND S.0 "	Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromomethane ND 5.0 "	Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
ND S.0 "	Bromoform	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene ND 5.0 """"""""""""""""""""""""""""""""""""	Bromomethane	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride ND 5.0 "	sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Chlorobenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane ND 5.0 " " " " " " " " " " " " " " " " " " "	Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chloroform ND 5.0 " " " " " " " " " " " " " " " " " "	Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloromethane ND 5.0 " " " " " " " " " " " " " " " " " " "	Chloroethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	Chloroform	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene ND 5.0 " " " " " " " " " " " " " " " " " " "	Chloromethane	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane ND 5.0 " " " " " " " " " " " " " " " " " " "	4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB) ND 5.0 " " " " " " " " " " " " " " " " " "	Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB) ND 5.0 "	1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
Dibromomethane ND 5.0 "		ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene ND 5.0 " <td></td> <td>ND</td> <td>5.0</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td> <td></td>		ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene ND 5.0 " " " " " " " " " " " " " " " " " " "	1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane ND 5.0 " " " " " "	•	ND	5.0	"	"	"	"	"	"	
Dictinorodiffuoromethane ND 5.0	1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
	Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
				"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11@10' T110485-50 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstai Laboratories, IIC.											
Volatile Organic Compounds by	EPA Method 8260B										
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B			
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"			
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"			
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"			
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"			
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"			
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"			
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"			
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"			
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"			
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"			
Isopropylbenzene	ND	5.0	"	"	"	"	"	"			
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"			
Methylene chloride	ND	5.0	"	"	"	"	"	"			
Naphthalene	ND	5.0	"	"	"	"	"	"			
n-Propylbenzene	ND	5.0	"	"	"	"	"	"			
Styrene	ND	5.0	"	"	"	"	"	"			
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"			
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"			
Tetrachloroethene	ND	5.0	"	"	"	"	"	"			
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"			
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"			
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"			
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"			
Trichloroethene	ND	5.0	"	"	"	"	"	"			
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"			
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"			
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"			
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"			
Vinyl chloride	ND	5.0	"	"	"	"	"	"			
Benzene	ND	5.0	"	"	"	"	"	"			
Toluene	ND	5.0	"	"	"	"	"	"			

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

GP11@10' T110485-50 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	

85.5-116

75.1-121

90-135

98.8 %

105 %

108 %

SunStar Laboratories, Inc.

Saviel of Chivy

Surrogate: Toluene-d8

Surrogate: 4-Bromofluorobenzene

Surrogate: Dibromofluoromethane



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP12@4' T110485-51 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		104 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	ons by 8015C								
C13-C28 (DRO)	20	10	mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
C29-C40 (MORO)	18	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		134 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
,	•								

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP12@4' T110485-51 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260E
,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
rans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
rans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Iexachlorobutadiene	ND	5.0	"	"	"	"	"	"
sopropylbenzene	ND	5.0	"	"	"	"	"	"
-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
-Propylbenzene	ND	5.0	"	"	"	"	"	"
tyrene	ND	5.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
etrachloroethene	ND	5.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
richloroethene	ND	5.0	"	"	"	"	"	"
richlorofluoromethane	ND	5.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
inyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
oluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Project: 1000 N. Vasco Rd. Engeo

2213 Plaza Dr. Project Number: 7380.000.003 Reported: Rocklin CA, 95765 Project Manager: Morgan Johnson 04/29/11 11:23

GP12@4' T110485-51 (Soil)

		ъ .:							
nalyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

		SunStar La	aboratori	es, Inc.					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	n	
o-Xylene	ND	5.0	"	"	"	"	"	n	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	n	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		94.5 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	90-1	35	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP12@8' T110485-52 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		100 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	16	10	mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
C29-C40 (MORO)	18	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		129 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP12@8' T110485-52 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	D	unotai D	uborutori	cs, mc.				
Volatile Organic Compounds by	EPA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Tetrachloroethene	ND	5.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP12@8' T110485-52 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	St	mstar L	aboratori	es, mc.					
Volatile Organic Compounds by E	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		101 %	85.5-1	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	75.1-1	121	"	"	"	"	
Surrogate: Dibromofluoromethane		109 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP12@12' T110485-53 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		95.2 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	15	10	mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
C29-C40 (MORO)	17	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		130 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
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SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP12@12' T110485-53 (Soil)

	Reporti	ng						
Analyte Res	ılt Liı	nit Un	its Dilutio	n Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	D	unotai D	uborutori	cs, mc.				
Volatile Organic Compounds by	EPA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Tetrachloroethene	ND	5.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP12@12' T110485-53 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	St	ınStar L	aboratori	es, Inc.				
Volatile Organic Compounds by El	PA Method 8260B							
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
m,p-Xylene	ND	5.0	"	"	"	"	"	"
o-Xylene	ND	5.0	"	"	"	"	"	"
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"
Tert-butyl alcohol	ND	50	"	"	"	"	"	"
Di-isopropyl ether	ND	20	"	"	"	"	"	"
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		97.1 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		80.9 %	75.1-1	21	"	"	"	"
Surrogate: Dibromofluoromethane		111 %	90-1.	35	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GW-10 T110485-54 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aboratoi	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 80150								
C6-C12 (GRO)	ND	50	ug/l	1	1042130	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		109 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarb	ons by 8015C								
C13-C28 (DRO)	ND	0.050	mg/l	1	1042129	04/21/11	04/27/11	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		112 %	65-	135	"	"	"	"	
Volatile Organic Compounds by E	PA Method 8260)B							
Bromobenzene	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GW-10 T110485-54 (Water)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by								
1,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"
Isopropylbenzene	ND	1.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"
Methylene chloride	ND	1.0	"	"	"	"	"	"
Naphthalene	ND	1.0	"	"	"	"	"	"
n-Propylbenzene	ND	1.0	"	"	"	"	"	"
Styrene	ND	1.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
Tetrachloroethene	ND	1.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"
Trichloroethene	2.3	1.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
Vinyl chloride	ND	1.0	"	"	"	"	"	"
Benzene	ND	0.50	"	"	"	"	"	"
Toluene	ND	0.50	"	,,	"	,,	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GW-10 T110485-54 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Substate Laboratories, inc.												
Volatile Organic Compounds by EPA Method 8260B													
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B					
m,p-Xylene	ND	1.0	"	"	"	"	"	"					
o-Xylene	ND	0.50	"	"	"	"	"	"					
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"					
Tert-butyl alcohol	ND	10	"	"	"	"	"	"					
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"					
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"					
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	n .					
Surrogate: Toluene-d8		99.9 %	84.7-	109	"	"	"	"					
Surrogate: 4-Bromofluorobenzene		99.8 %	83.5-	119	"	"	"	"					
Surrogate: Dibromofluoromethane		102 %	81.1-	136	"	"	"	"					

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

GP3-GW T110485-55 (Water)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015C								
C6-C12 (GRO)	ND	50	ug/l	1	1042130	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		103 %	72.6	5-146	"	"	"	"	
Extractable Petroleum Hydrocarb	oons by 8015C								
C13-C28 (DRO)	ND	0.050	mg/l	1	1042129	04/21/11	04/27/11	EPA 8015C	_
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	m .	
Surrogate: p-Terphenyl		113 %	65-	135	"	"	"	"	
Volatile Organic Compounds by E	EPA Method 8260	В							
Bromobenzene	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	m .	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	m .	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	m .	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	m .	
Chlorobenzene	ND	1.0	"	"	"	"	"	m .	
Chloroethane	ND	1.0	"	"	"	"	"	m .	
Chloroform	ND	1.0	"	"	"	"	"	m .	
Chloromethane	ND	1.0	"	"	"	"	"	m .	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	m .	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	m .	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	m .	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3-GW T110485-55 (Water)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstai Laboratories, nic.												
Volatile Organic Compounds by	EPA Method 8260B											
1,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B				
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"				
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"				
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"				
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"				
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"				
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"				
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"				
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"				
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"				
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"				
Isopropylbenzene	ND	1.0	"	"	"	"	"	"				
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"				
Methylene chloride	ND	1.0	"	"	"	"	"	"				
Naphthalene	ND	1.0	"	"	"	"	"	"				
n-Propylbenzene	ND	1.0	"	"	"	"	"	"				
Styrene	ND	1.0	"	"	"	"	"	"				
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"				
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"				
Tetrachloroethene	ND	1.0	"	"	"	"	"	"				
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"				
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"				
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"				
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"				
Trichloroethene	ND	1.0	"	"	"	"	"	"				
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"				
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"				
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"				
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"				
Vinyl chloride	ND	1.0	"	"	"	"	"	m .				
Benzene	ND	0.50	"	"	"	"	"	"				
Toluene	ND	0.50	"	"	"	"	"	п				

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP3-GW T110485-55 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		Sunstai La	1001 atol 1	es, mc.					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		101 %	84.7-	109	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	83.5-	119	"	"	"	"	
Surrogate: Dibromofluoromethane		98.9 %	81.1-	136	"	"	"	"	

SunStar Laboratories, Inc.



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Engeo Project: 1000 N. Vasco Rd.

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2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

D1 T110485-56 (Soil)

Linita

Dilution

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbor	ns by EPA 8015C	•							
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		99.2 %	72.6	-146	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	1042202	04/22/11	04/26/11	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	270	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	33	2.0	"	"	"	"	"	"	
Cobalt	11	2.0	"	"	"	"	"	"	
Copper	20	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	33	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	57	5.0	"	"	"	"	"	"	
Zinc	47	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/	7471								
Mercury	ND	0.10	mg/kg	1	1050601	04/26/11	04/26/11	EPA 7471A Soil	
Volatile Organic Compounds by E	PA Method 8260	В							
Benzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D1 T110485-56 (Soil)

	Reporting							
Analyte Resul	t Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Ethyl tert-butyl ether	ND	20	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		99.9 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		106 %	75.1-12	21	"	"	"	"
Surrogate: Dibromofluoromethane		106 %	90-13	5	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

D2 T110485-57 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		102 %	72.6	-146	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	1042202	04/22/11	04/26/11	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	290	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	35	2.0	"	"	"	"	"	"	
Cobalt	13	2.0	"	"	"	"	"	"	
Copper	21	1.0	"	"	"	"	"	"	
Lead	4.9	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	35	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	60	5.0	"	"	"	"	"	"	
Zinc	50	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 747	0/7471								
Mercury	ND	0.10	mg/kg	1	1050601	04/26/11	04/26/11	EPA 7471A Soil	
Volatile Organic Compounds by	EPA Method 8260	В							
Benzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	

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Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

D2 T110485-57 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Ethyl tert-butyl ether	ND	20	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		98.1 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		106 %	75.1-1	21	"	"	"	"
Surrogate: Dibromofluoromethane		112 %	90-13	5	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D3 T110485-58 (Soil)

Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
1	SunStar L	aborator	ies, Inc.					
s by EPA 8015C								
ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
	106 %	72.6	-146	"	"	"	"	
ND	3.0	mg/kg	1	1042202	04/22/11	04/26/11	EPA 6010B	
ND	2.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
210	1.0	"	"	"	"	"	"	
ND	1.0	"	"	"	"	"	"	
ND	2.0	"	"	"	"	"	"	
34	2.0	"	"	"	"	"	"	
11	2.0	"	"	"	"	"	"	
18	1.0	"	"	"	"	"	"	
ND	3.0	"	"	"	"	"	"	
ND	1.0	"	"	"	"	"	"	
36	2.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	2.0	"	"	"	"	"	"	
50	5.0	"	"	"	"	"	"	
44	1.0	"	"	"	"	"	"	
471								
ND	0.10	mg/kg	1	1050601	04/26/11	04/26/11	EPA 7471A Soil	
PA Method 8260	В							
ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	-
ND	5.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	20	"	"	"	"	"	"	
		"	"	"	"	"	"	
ND	20	"	"	"	"	"	"	
	ND N	ND SunStar Land	ND SunStar Laborator SunStar Laborator	Result Limit Units Dilution	ND Sun Sun	Result	ND Sun Sun	Result

SunStar Laboratories, Inc.

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D3 T110485-58 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Ethyl tert-butyl ether	ND	20	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		101 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		103 %	75.1-1	21	"	"	"	"
Surrogate: Dibromofluoromethane		108 %	90-13	5	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D4 T110485-59 (Soil)

Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	SunStar L	aborator	ies, Inc.					
s by EPA 8015C	,							
ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
	107 %	72.6	-146	"	"	"	"	
ND	3.0	mg/kg	1	1042202	04/22/11	04/26/11	EPA 6010B	
ND	2.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
250	1.0	"	"	"	"	"	"	
ND	1.0	"	"	"	"	"	"	
ND	2.0	"	"	"	"	"	"	
35	2.0	"	"	"	"	"	"	
12	2.0	"	"	"	"	"	"	
20	1.0	"	"	"	"	"	"	
ND	3.0	"	"	"	"	"	m .	
ND	1.0	"	"	"	"	"	"	
36	2.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	2.0	"	"	"	"	"	"	
59	5.0	"	"	"	"	"	"	
49	1.0	"	"	"	"	"	"	
471								
ND	0.10	mg/kg	1	1050601	04/26/11	04/26/11	EPA 7471A Soil	
A Method 8260	В							
ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
ND	5.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	5.0	"	"	"	"	"	"	
ND	20	"	"	"	"	"	"	
ND		"		"	"	"	"	
ND	20	"	"	"	"	"	"	
	ND N	ND Son Son	ND SumStar Laborator SumStar Laborator	Result Limit Units Dilution	ND Sun Sun	Result Limit Units Dilution Batch Prepared	ND Sunstant Suns	Result

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D4 T110485-59 (Soil)

	Re	eporting							
Analyte Resi	ılt	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Ethyl tert-butyl ether	ND	20	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		97.9 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		106 %	75.1-1	21	"	"	"	"
Surrogate: Dibromofluoromethane		110 %	90-13	5	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D5 T110485-60 (Soil)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	1	SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		104 %	72.6	-146	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	1042202	04/22/11	04/26/11	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	250	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	32	2.0	"	"	"	"	"	"	
Cobalt	11	2.0	"	"	"	"	"	"	
Copper	17	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	30	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	53	5.0	"	"	"	"	"	"	
Zinc	43	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470	/7471								
Mercury	ND	0.10	mg/kg	1	1050601	04/26/11	04/26/11	EPA 7471A Soil	
Volatile Organic Compounds by I	EPA Method 8260	В							
Benzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	_
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D5 T110485-60 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Ethyl tert-butyl ether	ND	20	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		98.5 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		105 %	75.1-1	21	"	"	"	"
Surrogate: Dibromofluoromethane		110 %	90-13	5	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

D6 T110485-61 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	1	SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		102 %	72.6	-146	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	1042202	04/22/11	04/26/11	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	260	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	32	2.0	"	"	"	"	"	"	
Cobalt	12	2.0	"	"	"	"	"	"	
Copper	20	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	35	2.0	"	"	"	"	"	n .	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	56	5.0	"	"	"	"	"	"	
Zinc	48	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470	/7471								
Mercury	ND	0.10	mg/kg	1	1050601	04/26/11	04/26/11	EPA 7471A Soil	
Volatile Organic Compounds by E	EPA Method 8260	В							
Benzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	

Daniel Chavez For John Shepler, Laboratory Director

SunStar Laboratories, Inc.

Saviel of Chivy

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D6 T110485-61 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Ethyl tert-butyl ether	ND	20	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		101 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		108 %	75.1-1.	21	"	"	"	"
Surrogate: Dibromofluoromethane		115 %	90-13	5	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

D7 T110485-62 (Soil)

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarb	ons by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		107 %	72.6	-146	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	1042202	04/22/11	04/26/11	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	270	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	04/26/11	"	
Cadmium	ND	2.0	"	"	"	"	04/26/11	"	
Chromium	33	2.0	"	"	"	"	"	"	
Cobalt	12	2.0	"	"	"	"	"	"	
Copper	19	1.0	"	"	"	"	"	"	
Lead	6.0	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	34	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	59	5.0	"	"	"	"	"	"	
Zinc	48	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 747	0/7471								
Mercury	ND	0.10	mg/kg	1	1050601	04/26/11	04/26/11	EPA 7471A Soil	
Volatile Organic Compounds by	EPA Method 8260	В							
Benzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D7 T110485-62 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Ethyl tert-butyl ether	ND	20	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		97.4 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		106 %	75.1-1	21	"	"	"	"
Surrogate: Dibromofluoromethane		113 %	90-13	5	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D8 T110485-63 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015C								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		103 %	72.6	-146	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	1042202	04/22/11	04/26/11	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	370	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	04/26/11	"	
Cadmium	ND	2.0	"	"	"	"	04/26/11	"	
Chromium	31	2.0	"	"	"	"	"	"	
Cobalt	12	2.0	"	"	"	"	"	"	
Copper	21	1.0	"	"	"	"	"	"	
Lead	4.1	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	36	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	63	5.0	"	"	"	"	"	"	
Zinc	47	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/74	! 71								
Mercury	ND	0.10	mg/kg	1	1050601	04/26/11	04/26/11	EPA 7471A Soil	
Volatile Organic Compounds by EP	A Method 8260	В							
Benzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	

Daniel Chavez For John Shepler, Laboratory Director

SunStar Laboratories, Inc.

Saviel of Chivy

The results in this report apply to the samples analyzed in accordance with the chain of

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

D8 T110485-63 (Soil)

	F	eporting							
Analyte	esult	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Ethyl tert-butyl ether	ND	20	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"
Surrogate: Toluene-d8		99.6 %	85.5-1	16	"	"	"	"
Surrogate: 4-Bromofluorobenzene		105 %	75.1-1	21	"	"	"	"
Surrogate: Dibromofluoromethane		111 %	90-13	5	"	"	"	"

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@4' T110485-64 (Soil)

Analyte Resul	Reporting t Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	SunStar L	aborato	ries, Inc.					
Purgeable Petroleum Hydrocarbons by EPA 80	015C							
C6-C12 (GRO)	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene	106 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbons by 80150	\mathbf{C}							
C13-C28 (DRO) 20		mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
C29-C40 (MORO)	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl	124 %	65-	135	"	"	"	"	
Volatile Organic Compounds by EPA Method	8260B							
Bromobenzene NE	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Bromochloromethane NE	5.0	"	"	"	"	"	"	
Bromodichloromethane NE	5.0	"	"	"	"	"	"	
Bromoform NI	5.0	"	"	"	"	"	"	
Bromomethane	5.0	"	"	"	"	"	"	
n-Butylbenzene NI	5.0	"	"	"	"	"	"	
sec-Butylbenzene NI	5.0	"	"	"	"	"	"	
tert-Butylbenzene NE	5.0	"	"	"	"	"	"	
Carbon tetrachloride NE	5.0	"	"	"	"	"	"	
Chlorobenzene NE	5.0	"	"	"	"	"	"	
Chloroethane NE	5.0	"	"	"	"	"	"	
Chloroform NI	5.0	"	"	"	"	"	"	
Chloromethane NI	5.0	"	"	"	"	"	"	
2-Chlorotoluene NI	5.0	"	"	"	"	"	"	
4-Chlorotoluene NI	5.0	"	"	"	"	"	"	
Dibromochloromethane NI	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane NI	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB) NE		"	"	"	"	"	"	
Dibromomethane NI	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene NE		"	"	"	"	"	"	
1,3-Dichlorobenzene NE	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene NI	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane NE		"	"	"	"	"	"	
1,1-Dichloroethane NE		"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@4' T110485-64 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	D	unotai D	uborutori	cs, mc.				
Volatile Organic Compounds by	EPA Method 8260B							
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"
Isopropylbenzene	ND	5.0	"	"	"	"	"	"
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"
Methylene chloride	ND	5.0	"	"	"	"	"	"
Naphthalene	ND	5.0	"	"	"	"	"	"
n-Propylbenzene	ND	5.0	"	"	"	"	"	"
Styrene	ND	5.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"
Tetrachloroethene	ND	5.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"
Trichloroethene	ND	5.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"
Vinyl chloride	ND	5.0	"	"	"	"	"	"
Benzene	ND	5.0	"	"	"	"	"	"
Toluene	ND	5.0	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@4' T110485-64 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Sunstar Laboratories, inc.											
Volatile Organic Compounds by E	PA Method 8260	В									
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B			
m,p-Xylene	ND	5.0	"	"	"	"	"	"			
o-Xylene	ND	5.0	"	"	"	"	"	"			
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"			
Tert-butyl alcohol	ND	50	"	"	"	"	"	"			
Di-isopropyl ether	ND	20	"	"	"	"	"	"			
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"			
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"			
Surrogate: Toluene-d8		99.4 %	85.5-	16	"	"	"	"			
Surrogate: 4-Bromofluorobenzene		105 %	75.1-	21	"	"	"	"			
Surrogate: Dibromofluoromethane		115 %	90-1.	35	"	"	"	"			

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@6' T110485-65 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L				· F · · · · ·			
Purgeable Petroleum Hydrocarbo				105, 1110					
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		104 %	72.6	-146	"	"	"	n .	
Extractable Petroleum Hydrocark	oons by 8015C								
C13-C28 (DRO)	16	10	mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
C29-C40 (MORO)	20	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		112 %	65-	135	"	"	"	"	
Volatile Organic Compounds by I	EPA Method 8260	В							
Bromobenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"		"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"		"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	,,	
1,1 Diemoroculane	110	5.0							

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@6' T110485-65 (Soil)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Su	nStar La	aboratorio	es, Inc.					
Volatile Organic Compounds by EPA	A Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	n .	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	n .	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@6' T110485-65 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Sunstar Laboratories, Inc.										
Volatile Organic Compounds by E	PA Method 8260B										
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B			
m,p-Xylene	ND	5.0	"	"	"	"	"	"			
o-Xylene	ND	5.0	"	"	"	"	"	"			
Tert-amyl methyl ether	ND	20	"	"	"	"	"	n .			
Tert-butyl alcohol	ND	50	"	"	"	"	"	n .			
Di-isopropyl ether	ND	20	"	"	"	"	"	n .			
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	n .			
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"			
Surrogate: Toluene-d8		100 %	85.5-1	116	"	"	"	"			
Surrogate: 4-Bromofluorobenzene		105 %	75.1-1	121	"	"	"	"			
Surrogate: Dibromofluoromethane		83.8 %	90-1.	35	"	"	"	"			

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@12' T110485-66 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aborator	ies, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 80150								
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		97.3 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocark	ons by 8015C								
C13-C28 (DRO)	18	10	mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
C29-C40 (MORO)	19	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		128 %	65-	135	"	"	"	"	
Volatile Organic Compounds by F	EPA Method 8260)B							
Bromobenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@12' T110485-66 (Soil)

ı										
			Reporting							
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	Su	nStar La	aboratorio	es, Inc.					
Volatile Organic Compounds by EPA	A Method 8260B								
1,2-Dichloroethane	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	n .	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	n .	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP14@12' T110485-66 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

	51	unStar L	aboratori	es, Inc.					
Volatile Organic Compounds by El	PA Method 8260B								
Ethylbenzene	ND	5.0	ug/kg	1	1042220	04/22/11	04/23/11	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.8 %	85.5-	116	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	75.1-	121	"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	90-1.	35	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

MW-3 T110485-67 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015	C							
C6-C12 (GRO)	ND	50	ug/l	1	1042130	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		104 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarl	bons by 8015C								
C13-C28 (DRO)	ND	0.050	mg/l	1	1042129	04/21/11	04/27/11	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		109 %	65-	135	"	"	"	"	
Volatile Organic Compounds by 1	EPA Method 826	0B							
Bromobenzene	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

MW-3 T110485-67 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

Volatile Organic Compounds by 1,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B
1,1-Dichloroethene	ND ND	1.0	ug/1	1 "	1042128	04/21/11	U4/22/11 "	EPA 8200D
cis-1,2-Dichloroethene	ND ND	1.0	"	"	"	,,	"	"
rans-1,2-Dichloroethene	ND ND	1.0	"	,,	,,	,,	"	,,
1,2-Dichloropropane	ND	1.0	"	,,	,,	,,	"	"
1,3-Dichloropropane	ND	1.0	"	"	,,	,,	"	"
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
1,1-Dichloropropene	ND	1.0	"	"	,,	,,	"	"
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
rans-1,3-Dichloropropene	ND	0.50	"	"	"	,,	"	"
Hexachlorobutadiene	ND	1.0	"	"	"	,,	"	"
sopropylbenzene	ND	1.0	"	"	"	"	"	"
o-Isopropyltoluene	ND	1.0	"	"	"	"	"	,,
Methylene chloride	ND	1.0	"	"	"	"	"	"
Naphthalene	ND	1.0	"	"	"	"	"	"
n-Propylbenzene	ND	1.0	"	"	"	"	"	"
Styrene	ND	1.0	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
Tetrachloroethene	ND	1.0	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"
Frichloroethene	1.2	1.0	"	"	"	"	"	"
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
Vinyl chloride	ND	1.0	"	"	"	"	"	"
Benzene	ND	0.50	"	"	"	"	"	"
Γoluene	ND	0.50	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

MW-3 T110485-67 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		builbear Le	abol atol i	cs, 111c.					
Volatile Organic Compounds by E	PA Method 8260	В							
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		98.9 %	84.7-	109	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5-	119	"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	81.1-	136	"	"	"	"	

SunStar Laboratories, Inc.



Project: 1000 N. Vasco Rd. Engeo

2213 Plaza Dr. Project Number: 7380.000.003 Reported: Rocklin CA, 95765 Project Manager: Morgan Johnson 04/29/11 11:23

Reporting

GP11-GW T110485-68 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	aboratoi	ries, Inc.					
Purgeable Petroleum Hydrocarbons	by EPA 8015C								
C6-C12 (GRO)	110	50	ug/l	1	1042130	04/21/11	04/26/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		113 %	72.6	-146	"	"	"	"	
Extractable Petroleum Hydrocarbon	s by 8015C								
C13-C28 (DRO)	ND	0.050	mg/l	1	1042129	04/21/11	04/27/11	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		132 %	65-	135	"	"	"	"	
Volatile Organic Compounds by EP	A Method 8260	В							
Bromobenzene	ND	1.0	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11-GW T110485-68 (Water)

	Reporting							
Analyte Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

,2-Dichloroethane	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260E
,1-Dichloroethene	ND	1.0	"	"	"	"	"	"
is-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
ans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,3-Dichloropropane	ND	1.0	"	"	"	"	"	"
,2-Dichloropropane	ND	1.0	"	"	"	"	"	"
,1-Dichloropropene	ND	1.0	"	"	"	"	"	"
is-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
ans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"
Iexachlorobutadiene	ND	1.0	"	"	"	"	"	"
sopropylbenzene	ND	1.0	"	"	"	"	"	"
-Isopropyltoluene	ND	1.0	"	"	"	"	"	"
lethylene chloride	ND	1.0	"	"	"	"	"	"
Taphthalene	ND	1.0	"	"	"	"	"	"
-Propylbenzene	ND	1.0	"	"	"	"	"	"
tyrene	ND	1.0	"	"	"	"	"	"
,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"
etrachloroethene	ND	1.0	"	"	"	"	"	"
,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"
,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"
,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"
richloroethene	ND	1.0	"	"	"	"	"	"
richlorofluoromethane	ND	1.0	"	"	"	"	"	"
,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"
,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"
inyl chloride	ND	1.0	"	"	"	"	"	"
enzene	ND	0.50	"	"	"	"	"	"
oluene	ND	0.50	"	"	"	"	"	"

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

GP11-GW T110485-68 (Water)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

		Sunstai La	ibui atui i	es, me.					
Volatile Organic Compounds by EPA	A Method 8260	В							
Ethylbenzene	ND	0.50	ug/l	1	1042128	04/21/11	04/22/11	EPA 8260B	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		97.6 %	84.7-	109	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5-	119	"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	81.1-	136	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.
2213 Plaza Dr. Project Number: 7380.000.003

Rocklin CA, 95765 Project Manager: Morgan Johnson

Reported: 04/29/11 11:23

COMPOSITE T110485-69 (Soil)

		11104	192-07 (2	011)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar L	aborator	ries, Inc.					
Purgeable Petroleum Hydrocarbons	s by EPA 8015C	l ·							
C6-C12 (GRO)	ND	500	ug/kg	1	1042225	04/22/11	04/23/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		92.2 %	72.6	-146	"	"	"	n .	
Extractable Petroleum Hydrocarbo	ns by 8015C								
C13-C28 (DRO)	34	10	mg/kg	1	1042214	04/22/11	04/29/11	EPA 8015C	
C29-C40 (MORO)	39	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		116 %	65-	135	"	"	"	"	
Polychlorinated Biphenyls by EPA	Method 8082								
PCB-1016	ND	10	ug/kg	1	1042504	04/25/11	04/28/11	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		112 %	35-	140	"	"	"	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control SunStar Laboratories, Inc.

A 1.	D 1:	Reporting	TT 14	Spike	Source	0/ DEC	%REC	DDD	RPD	N
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1042126 - EPA 5030 GC										
Blank (1042126-BLK1)				Prepared:	04/21/11	Analyzed	d: 04/26/11			
C6-C12 (GRO)	ND	500	ug/kg							
Surrogate: 4-Bromofluorobenzene	443		"	500		88.6	72.6-146			
LCS (1042126-BS1)				Prepared:	04/21/11	Analyzed	d: 04/26/11			
C6-C12 (GRO)	13700	500	ug/kg	13800		99.8	75-125			
Surrogate: 4-Bromofluorobenzene	444		"	500		88.9	72.6-146			
Matrix Spike (1042126-MS1)	So	urce: T11048	35-20	Prepared:	04/21/11	Analyzed	d: 04/26/11			
C6-C12 (GRO)	13500	500	ug/kg	13800	58.4	97.9	65-135			
Surrogate: 4-Bromofluorobenzene	441		"	500		88.3	72.6-146			
Matrix Spike Dup (1042126-MSD1)	So	urce: T11048	35-20	Prepared:	04/21/11	Analyzed	d: 04/26/11			
C6-C12 (GRO)	12100	500	ug/kg	13800	58.4	87.3	65-135	11.4	20	
Surrogate: 4-Bromofluorobenzene	449		"	500		89.9	72.6-146			
Batch 1042130 - EPA 5030 GC										
Blank (1042130-BLK1)				Prepared:	04/21/11	Analyzed	d: 04/26/11			
C6-C12 (GRO)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	95.3		"	100		95.3	72.6-146			
LCS (1042130-BS1)				Prepared:	04/21/11	Analyzed	d: 04/26/11			
C6-C12 (GRO)	5440	50	ug/l	5500		99.0	75-125			
Surrogate: 4-Bromofluorobenzene	88.0		"	100		88.0	72.6-146			
LCS Dup (1042130-BSD1)				Prepared:	04/21/11	Analyzed	d: 04/26/11			
C6-C12 (GRO)	5710	50	ug/l	5500		104	75-125	4.71	20	
Surrogate: 4-Bromofluorobenzene	107		"	100		107	72.6-146			

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Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042224 - EPA 5030 GC										
Blank (1042224-BLK1)				Prepared:	04/22/11	Analyze	d: 04/27/11			
C6-C12 (GRO)	ND	500	ug/kg							
Surrogate: 4-Bromofluorobenzene	543		"	500		109	72.6-146			
LCS (1042224-BS1)				Prepared:	04/22/11	Analyze	d: 04/27/11			
C6-C12 (GRO)	14300	500	ug/kg	13800		104	75-125			
Surrogate: 4-Bromofluorobenzene	571		"	500		114	72.6-146			
LCS Dup (1042224-BSD1)				Prepared:	04/22/11	Analyze	d: 04/27/11			
C6-C12 (GRO)	14300	500	ug/kg	13800		104	75-125	0.242	20	
Surrogate: 4-Bromofluorobenzene	567		"	500		113	72.6-146			
Batch 1042225 - EPA 5030 GC										
Blank (1042225-BLK1)				Prepared:	04/22/11	Analyze	d: 04/23/11			
C6-C12 (GRO)	ND	500	ug/kg							
Surrogate: 4-Bromofluorobenzene	236		"	250		94.4	72.6-146			
LCS (1042225-BS1)				Prepared:	04/22/11	Analyze	d: 04/23/11			
C6-C12 (GRO)	12600	500	ug/kg	13800		91.5	75-125			
Surrogate: 4-Bromofluorobenzene	240		"	250		96.0	72.6-146			
LCS Dup (1042225-BSD1)				Prepared:	04/22/11	Analyze	d: 04/23/11			
C6-C12 (GRO)	12200	500	ug/kg	13800		88.8	75-125	3.06	20	
Surrogate: 4-Bromofluorobenzene	228		"	250		91.3	72.6-146			

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Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Morgan Johnson
 04/29/11 11:23

Extractable Petroleum Hydrocarbons by 8015C - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042125 - EPA 3550B GC									<u> </u>	
Blank (1042125-BLK1)				Prepared:	04/21/11	Analyzed	d: 04/27/11			
C13-C28 (DRO)	ND	10	mg/kg							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	125		"	100		125	65-135			
LCS (1042125-BS1)				Prepared:	04/21/11	Analyzed	d: 04/27/11			
C13-C28 (DRO)	490	10	mg/kg	500		97.3	75-125			
Surrogate: p-Terphenyl	121		"	100		121	65-135			
Matrix Spike (1042125-MS1)	Sour	rce: T11048	35-20	Prepared:	04/21/11	Analyzed	d: 04/28/11			
C13-C28 (DRO)	490	10	mg/kg	500	ND	97.7	75-125			
Surrogate: p-Terphenyl	119		"	100		119	65-135			
Matrix Spike Dup (1042125-MSD1)	Sour	rce: T11048	35-20	Prepared:	04/21/11	Analyzed	d: 04/28/11			
C13-C28 (DRO)	470	10	mg/kg	500	ND	94.1	75-125	3.83	20	
Surrogate: p-Terphenyl	117		"	100		117	65-135			
Batch 1042129 - EPA 3510C GC										
Blank (1042129-BLK1)				Prepared:	04/21/11	Analyzed	d: 04/28/11			
C13-C28 (DRO)	ND	0.050	mg/l	•		-				
C29-C40 (MORO)	ND	0.10	"							
Surrogate: p-Terphenyl	4.68		"	4.00		117	65-135			
LCS (1042129-BS1)				Prepared:	04/21/11	Analyzed	d: 04/27/11			
C13-C28 (DRO)	16.9	0.050	mg/l	20.0		84.5	75-125			
Surrogate: p-Terphenyl	4.24		"	4.00		106	65-135			

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Extractable Petroleum Hydrocarbons by 8015C - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1042129 - EPA 3510C GC										
LCS Dup (1042129-BSD1)				Prepared:	04/21/11	Analyzed	1: 04/27/11			
C13-C28 (DRO)	23.1	0.050	mg/l	20.0		115	75-125	30.8	20	QR-02
Surrogate: p-Terphenyl	4.50		"	4.00		112	65-135			
Batch 1042212 - EPA 3550B GC										
Blank (1042212-BLK1)				Prepared:	04/22/11	Analyzed	1: 04/28/11			
C13-C28 (DRO)	ND	10	mg/kg							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	135		"	100		135	65-135			
LCS (1042212-BS1)				Prepared:	04/22/11	Analyzed	1: 04/28/11			
C13-C28 (DRO)	500	10	mg/kg	500		99.1	75-125			
Surrogate: p-Terphenyl	122		"	100		122	65-135			
LCS Dup (1042212-BSD1)				Prepared:	04/22/11	Analyzed	1: 04/28/11			
C13-C28 (DRO)	490	10	mg/kg	500		98.5	75-125	0.580	20	
Surrogate: p-Terphenyl	125		"	100		125	65-135			
Batch 1042214 - EPA 3550B GC										
Blank (1042214-BLK1)				Prepared:	04/22/11	Analyzed	1: 04/28/11			
C13-C28 (DRO)	ND	10	mg/kg							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	101		"	100		101	65-135			
LCS (1042214-BS1)				Prepared:	04/22/11	Analyzed	1: 04/29/11			
C13-C28 (DRO)	510	10	mg/kg	500		102	75-125			
Surrogate: p-Terphenyl	107		"	100		107	65-135			

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Extractable Petroleum Hydrocarbons by 8015C - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042214 - EPA 3550B GC										
LCS Dup (1042214-BSD1)				Prepared:	04/22/11	Analyzed	1: 04/29/11			
C13-C28 (DRO)	500	10	mg/kg	500		99.8	75-125	2.52	20	
Surrogate: p-Terphenyl	110		"	100		110	65-135			

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RPD

%REC

Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr. Project Number: 7380.000.003 Reported: Rocklin CA, 95765 Project Manager: Morgan Johnson 04/29/11 11:23

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Reporting

Spike

Source

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1042202 - EPA 3051										
Blank (1042202-BLK1)				Prepared:	04/22/11	Analyzed	: 04/26/11			
Antimony	ND	3.0	mg/kg							
Silver	ND	2.0	"							
Arsenic	ND	5.0	"							
Barium	ND	1.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Cobalt	ND	2.0	"							
Copper	ND	1.0	"							
Lead	ND	3.0	"							
Molybdenum	ND	1.0	"							
Nickel	ND	2.0	"							
Selenium	ND	5.0	"							
Гhallium	ND	2.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	1.0	"							
LCS (1042202-BS1)				Prepared:	04/22/11	Analyzed	: 04/26/11			
Arsenic	102	5.0	mg/kg	100		102	75-125			
Barium	101	1.0	"	100		101	75-125			
Cadmium	101	2.0	"	100		101	75-125			
Chromium	100	2.0	"	100		100	75-125			
Lead	103	3.0	"	100		103	75-125			
LCS Dup (1042202-BSD1)				Prepared:	04/22/11	Analyzed	: 04/26/11			
Arsenic	108	5.0	mg/kg	100		108	75-125	5.60	20	
Barium	108	1.0	"	100		108	75-125	6.19	20	
Cadmium	107	2.0	"	100		107	75-125	6.03	20	
Chromium	106	2.0	"	100		106	75-125	6.09	20	
Lead	108	3.0	"	100		108	75-125	3.98	20	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Cold Vapor Extraction EPA 7470/7471 - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1050601 - EPA 7471A Soil										
Blank (1050601-BLK1)				Prepared	& Analyz	ed: 04/26/	11			
Mercury	ND	0.10	mg/kg							
LCS (1050601-BS1)				Prepared	& Analyz	ed: 04/26/	11			
Mercury	0.404	0.10	mg/kg	0.417		97.0	80-120			
LCS Dup (1050601-BSD1)				Prepared	& Analyz	ed: 04/26/	11			
Mercury	0.380	0.10	mg/kg	0.417		91.1	80-120	6.22	20	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042504 - EPA 3550 ECD/0	GCMS									
Blank (1042504-BLK1)				Prepared:	04/25/11	Analyzed	1: 04/28/11			
PCB-1016	ND	10	ug/kg							
PCB-1221	ND	10	"							
PCB-1232	ND	10	"							
PCB-1242	ND	10	"							
PCB-1248	ND	10	"							
PCB-1254	ND	10	"							
PCB-1260	ND	10	"							
Surrogate: Tetrachloro-meta-xylene	7.90		"	10.0		79.0	35-140			
LCS (1042504-BS1)				Prepared:	04/25/11	Analyzed	1: 04/28/11			
PCB-1016	105	10	ug/kg	100		105	40-130			
PCB-1260	70.0	10	"	100		70.0	40-130			
Surrogate: Tetrachloro-meta-xylene	9.07		"	10.0		90.7	35-140			
LCS Dup (1042504-BSD1)				Prepared:	04/25/11	Analyzed	1: 04/28/11			
PCB-1016	48.8	10	ug/kg	100		48.8	40-130	73.1	30	QR-0
PCB-1260	46.1	10	"	100		46.1	40-130	41.2	30	QR-0
Surrogate: Tetrachloro-meta-xylene	4.23		"	10.0		42.3	35-140			

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
										•

Batch 1042121 - EPA 5030 GCMS

Blank (1042121-BLK1)			Prepared & Analyzed: 04/21/11
Bromobenzene	ND	5.0	ug/kg
Bromochloromethane	ND	5.0	n
Bromodichloromethane	ND	5.0	n
Bromoform	ND	5.0	n
Bromomethane	ND	5.0	n
n-Butylbenzene	ND	5.0	n
sec-Butylbenzene	ND	5.0	n
tert-Butylbenzene	ND	5.0	n
Carbon tetrachloride	ND	5.0	11
Chlorobenzene	ND	5.0	11
Chloroethane	ND	5.0	11
Chloroform	ND	5.0	11
Chloromethane	ND	5.0	11
2-Chlorotoluene	ND	5.0	11
4-Chlorotoluene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane (EDB)	ND	5.0	"
Dibromomethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	11
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,1-Dichloroethene	ND	5.0	"
cis-1,2-Dichloroethene	ND	5.0	"
trans-1,2-Dichloroethene	ND	5.0	"
1,2-Dichloropropane	ND	5.0	11
1,3-Dichloropropane	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
1,1-Dichloropropene	ND	5.0	"
cis-1,3-Dichloropropene	ND	5.0	"
trans-1,3-Dichloropropene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	11

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1042121 - EPA 5030 GCM

Blank (1042121-BLK1)				Prepared & Analyzed: 04/21/11
p-Isopropyltoluene	ND	5.0	ug/kg	
Methylene chloride	ND	5.0	"	
Naphthalene	ND	5.0	"	
n-Propylbenzene	ND	5.0	"	
Styrene	ND	5.0	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	
Tetrachloroethene	ND	5.0	"	
1,2,3-Trichlorobenzene	ND	5.0	"	
1,2,4-Trichlorobenzene	ND	5.0	"	
1,1,2-Trichloroethane	ND	5.0	"	
1,1,1-Trichloroethane	ND	5.0	"	
Trichloroethene	ND	5.0	"	
Trichlorofluoromethane	ND	5.0	"	
1,2,3-Trichloropropane	ND	5.0	"	
1,3,5-Trimethylbenzene	ND	5.0	"	
1,2,4-Trimethylbenzene	ND	5.0	"	
Vinyl chloride	ND	5.0	"	
Benzene	ND	5.0	"	
Toluene	ND	5.0	"	
Ethylbenzene	ND	5.0	"	
m,p-Xylene	ND	5.0	"	
o-Xylene	ND	5.0	"	
Tert-amyl methyl ether	ND	20	"	
Tert-butyl alcohol	ND	50	"	
Di-isopropyl ether	ND	20	"	
Ethyl tert-butyl ether	ND	20	"	
Methyl tert-butyl ether	ND	20	"	
Surrogate: Toluene-d8	38.0		"	40.0 95.0 85.5-116
Surrogate: 4-Bromofluorobenzene	41.9		"	40.0 105 75.1-121
Surrogate: Dibromofluoromethane	41.8		"	40.0 104 90-135

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042121 - EPA 5030 GCMS										
LCS (1042121-BS1)				Prepared	& Analyz	ed: 04/21/	11			
Chlorobenzene	102	5.0	ug/kg	100		102	75-125			
1,1-Dichloroethene	86.4	5.0	"	100		86.4	75-125			
Trichloroethene	93.3	5.0	"	100		93.3	75-125			
Benzene	95.9	5.0	"	100		95.9	75-125			
Toluene	96.6	5.0	"	100		96.6	75-125			
Surrogate: Toluene-d8	38.8		"	40.0		97.0	85.5-116			
Surrogate: 4-Bromofluorobenzene	38.6		"	40.0		96.5	75.1-121			
Surrogate: Dibromofluoromethane	38.1		"	40.0		95.2	90-135			
Matrix Spike (1042121-MS1)	So	urce: T11048	85-04	Prepared	& Analyze	ed: 04/21/	11			
Chlorobenzene	98.8	5.0	ug/kg	100	ND	98.8	75-125			
1,1-Dichloroethene	94.0	5.0	"	100	ND	94.0	75-125			
Trichloroethene	105	5.0	"	100	ND	105	75-125			
Benzene	96.8	5.0	"	100	ND	96.8	75-125			
Toluene	95.1	5.0	"	100	ND	95.1	75-125			
Surrogate: Toluene-d8	38.6		"	40.0		96.5	85.5-116			
Surrogate: 4-Bromofluorobenzene	39.2		"	40.0		98.0	75.1-121			
Surrogate: Dibromofluoromethane	39.2		"	40.0		98.1	90-135			
Matrix Spike Dup (1042121-MSD1)	So	urce: T11048	35-04	Prepared	& Analyze	ed: 04/21/	11			
Chlorobenzene	103	5.0	ug/kg	100	ND	103	75-125	3.97	20	
1,1-Dichloroethene	92.8	5.0	"	100	ND	92.8	75-125	1.39	20	
Trichloroethene	93.4	5.0	"	100	ND	93.4	75-125	12.1	20	
Benzene	97.4	5.0	"	100	ND	97.4	75-125	0.618	20	
Toluene	94.3	5.0	"	100	ND	94.3	75-125	0.845	20	
Surrogate: Toluene-d8	39.1		"	40.0		97.8	85.5-116			
Surrogate: 4-Bromofluorobenzene	40.0		"	40.0		100	75.1-121			
Surrogate: Dibromofluoromethane	38.8		"	40.0		97.0	90-135			

SunStar Laboratories, Inc.

Saviel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
										-

Blank (1042128-BLK1)				Prepared: 04/21/11 Analyzed: 04/22/11
Bromobenzene	ND	1.0	ug/l	
Bromochloromethane	ND	1.0	"	
Bromodichloromethane	ND	1.0	"	
Bromoform	ND	1.0	"	
Bromomethane	ND	1.0	"	
n-Butylbenzene	ND	1.0	"	
sec-Butylbenzene	ND	1.0	"	
tert-Butylbenzene	ND	1.0	"	
Carbon tetrachloride	ND	0.50	"	
Chlorobenzene	ND	1.0	"	
Chloroethane	ND	1.0	"	
Chloroform	ND	1.0	"	
Chloromethane	ND	1.0	"	
2-Chlorotoluene	ND	1.0	"	
4-Chlorotoluene	ND	1.0	"	
Dibromochloromethane	ND	1.0	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	
Dibromomethane	ND	1.0	"	
1,2-Dichlorobenzene	ND	1.0	"	
1,3-Dichlorobenzene	ND	1.0	"	
1,4-Dichlorobenzene	ND	1.0	"	
Dichlorodifluoromethane	ND	0.50	"	
1,1-Dichloroethane	ND	1.0	"	
1,2-Dichloroethane	ND	0.50	"	
1,1-Dichloroethene	ND	1.0	"	
cis-1,2-Dichloroethene	ND	1.0	"	
trans-1,2-Dichloroethene	ND	1.0	"	
1,2-Dichloropropane	ND	1.0	"	
1,3-Dichloropropane	ND	1.0	"	
2,2-Dichloropropane	ND	1.0	"	
1,1-Dichloropropene	ND	1.0	"	
cis-1,3-Dichloropropene	ND	0.50	"	
trans-1,3-Dichloropropene	ND	0.50	"	
Hexachlorobutadiene	ND	1.0	"	
Isopropylbenzene	ND	1.0	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Analyte

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

RPD

Limit

Notes

%REC

Limits

RPD

Engeo Project: 1000 N. Vasco Rd.

Result

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

Limit

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Units

Spike

Level

Source

Result

%REC

lank (1042128-BLK1)				Prepared: 04/2	1/11 Analyze	d: 04/22/11
-Isopropyltoluene	ND	1.0	ug/l			
Iethylene chloride	ND	1.0	"			
aphthalene	ND	1.0	"			
Propylbenzene	ND	1.0	"			
rene	ND	1.0	"			
2,2-Tetrachloroethane	ND	1.0	"			
1,2-Tetrachloroethane	ND	1.0	"			
rachloroethene	ND	1.0	"			
3-Trichlorobenzene	ND	1.0	"			
4-Trichlorobenzene	ND	1.0	"			
2-Trichloroethane	ND	1.0	"			
1-Trichloroethane	ND	1.0	"			
hloroethene	ND	1.0	"			
hlorofluoromethane	ND	1.0	"			
3-Trichloropropane	ND	1.0	"			
5-Trimethylbenzene	ND	1.0	"			
1-Trimethylbenzene	ND	1.0	"			
l chloride	ND	1.0	"			
ene	ND	0.50	"			
ene	ND	0.50	"			
ylbenzene	ND	0.50	"			
-Xylene	ND	1.0	"			
ylene	ND	0.50	"			
amyl methyl ether	ND	2.0	"			
butyl alcohol	ND	10	"			
opropyl ether	ND	2.0	"			
l tert-butyl ether	ND	2.0	"			
nyl tert-butyl ether	ND	1.0	"			
gate: Toluene-d8	7.81		"	8.00	97.6	84.7-109
ogate: 4-Bromofluorobenzene	8.25		"	8.00	103	83.5-119
ogate: Dibromofluoromethane	7.96		"	8.00	99.5	81.1-136

SunStar Laboratories, Inc.

Saniel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042128 - EPA 5030 GCMS										
LCS (1042128-BS1)				Prepared:	04/21/11	Analyzed	1: 04/22/11			
Chlorobenzene	21.8	1.0	ug/l	20.0		109	75-125			
1,1-Dichloroethene	18.3	1.0	"	20.0		91.7	75-125			
Trichloroethene	20.1	1.0	"	20.0		100	75-125			
Benzene	19.8	0.50	"	20.0		98.8	75-125			
Toluene	19.7	0.50	"	20.0		98.4	75-125			
Surrogate: Toluene-d8	7.69		"	8.00		96.1	84.7-109			
Surrogate: 4-Bromofluorobenzene	7.54		"	8.00		94.2	83.5-119			
Surrogate: Dibromofluoromethane	5.75		"	8.00		71.9	81.1-136			S-G
LCS Dup (1042128-BSD1)				Prepared:	04/21/11	Analyzed	d: 04/22/11			
Chlorobenzene	18.8	1.0	ug/l	20.0		93.8	75-125	15.0	20	
1,1-Dichloroethene	15.5	1.0	"	20.0		77.4	75-125	16.8	20	
Trichloroethene	18.2	1.0	"	20.0		90.9	75-125	10.0	20	
Benzene	18.5	0.50	"	20.0		92.6	75-125	6.37	20	
Toluene	18.1	0.50	"	20.0		90.6	75-125	8.30	20	
Surrogate: Toluene-d8	7.78		"	8.00		97.2	84.7-109			
Surrogate: 4-Bromofluorobenzene	7.87		"	8.00		98.4	83.5-119			
Surrogate: Dibromofluoromethane	7.69		"	8.00		96.1	81.1-136			
Batch 1042217 - EPA 5030 GCMS										
Blank (1042217-BLK1)				Prepared:	04/22/11	Analyzed	1: 04/26/11			
Bromobenzene	ND	5.0	ug/kg	•		•				
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	5.0	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	5.0	"							

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

		Reporting	Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
•										

Batch 1042217 - EPA 5030 GCMS

Blank (1042217-BLK1)				Prepared: 04/22/11 Analyzed: 04/26/11
4-Chlorotoluene	ND	5.0	ug/kg	
Dibromochloromethane	ND	5.0	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	
Dibromomethane	ND	5.0	"	
1,2-Dichlorobenzene	ND	5.0	"	
1,3-Dichlorobenzene	ND	5.0	"	
1,4-Dichlorobenzene	ND	5.0	"	
Dichlorodifluoromethane	ND	5.0	"	
1,1-Dichloroethane	ND	5.0	"	
1,2-Dichloroethane	ND	5.0	"	
1,1-Dichloroethene	ND	5.0	"	
cis-1,2-Dichloroethene	ND	5.0	"	
trans-1,2-Dichloroethene	ND	5.0	"	
1,2-Dichloropropane	ND	5.0	"	
1,3-Dichloropropane	ND	5.0	"	
2,2-Dichloropropane	ND	5.0	"	
1,1-Dichloropropene	ND	5.0	"	
cis-1,3-Dichloropropene	ND	5.0	"	
trans-1,3-Dichloropropene	ND	5.0	"	
Hexachlorobutadiene	ND	5.0	"	
Isopropylbenzene	ND	5.0	"	
p-Isopropyltoluene	ND	5.0	"	
Methylene chloride	ND	5.0	"	
Naphthalene	ND	5.0	"	
n-Propylbenzene	ND	5.0	"	
Styrene	ND	5.0	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	
Tetrachloroethene	ND	5.0	"	
1,2,3-Trichlorobenzene	ND	5.0	"	
1,2,4-Trichlorobenzene	ND	5.0	"	
1,1,2-Trichloroethane	ND	5.0	"	
1,1,1-Trichloroethane	ND	5.0	"	
Trichloroethene	ND	5.0	"	
Trichlorofluoromethane	ND	5.0	"	

SunStar Laboratories, Inc.



Analyte

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

RPD

Limit

Notes

%REC

Limits

RPD

Engeo Project: 1000 N. Vasco Rd.

Result

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Reporting

Limit

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Units

Spike

Level

Source

Result

%REC

Allaryte	Result	Lillit	Omis	Level	Result	70 KEC	Limits	ΝD	Lillit	Notes
Batch 1042217 - EPA 5030 GCMS	S									
Blank (1042217-BLK1)				Prepared:	04/22/11	Analyze	d: 04/26/11			
1,2,3-Trichloropropane	ND	5.0	ug/kg							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl chloride	ND	5.0	"							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	5.0	"							
o-Xylene	ND	5.0	"							
Tert-amyl methyl ether	ND	20	"							
Tert-butyl alcohol	ND	50	"							
Di-isopropyl ether	ND	20	"							
Ethyl tert-butyl ether	ND	20	"							
Methyl tert-butyl ether	ND	20	"							
Surrogate: Toluene-d8	39.8		"	40.0		99.4	85.5-116			
Surrogate: 4-Bromofluorobenzene	37.8		"	40.0		94.4	75.1-121			
Surrogate: Dibromofluoromethane	46.2		"	40.0		116	90-135			
LCS (1042217-BS1)				Prepared:	04/22/11	Analyze	d: 04/26/11			
Chlorobenzene	96.2	5.0	ug/kg	100		96.2	75-125			
1,1-Dichloroethene	99.4	5.0	"	100		99.4	75-125			
Trichloroethene	101	5.0	"	100		101	75-125			
Benzene	90.0	5.0	"	100		90.0	75-125			
Toluene	89.7	5.0	"	100		89.7	75-125			
Surrogate: Toluene-d8	38.4		"	40.0		96.0	85.5-116			
Surrogate: 4-Bromofluorobenzene	38.2		"	40.0		95.6	75.1-121			
Surrogate: Dibromofluoromethane	48.6		"	40.0		122	90-135			

SunStar Laboratories, Inc.

Saniel & Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042217 - EPA 5030 GCMS										
LCS Dup (1042217-BSD1)				Prepared:	04/22/11	Analyze	d: 04/27/11			
Chlorobenzene	92.3	5.0	ug/kg	100		92.3	75-125	4.09	20	
1,1-Dichloroethene	108	5.0	"	100		108	75-125	8.30	20	
Trichloroethene	95.6	5.0	"	100		95.6	75-125	5.64	20	
Benzene	96.5	5.0	"	100		96.5	75-125	7.03	20	
Toluene	97.6	5.0	"	100		97.6	75-125	8.44	20	
Surrogate: Toluene-d8	41.4		"	40.0		104	85.5-116			
Surrogate: 4-Bromofluorobenzene	38.2		"	40.0		95.6	75.1-121			
Surrogate: Dibromofluoromethane	47.3		"	40.0		118	90-135			
Batch 1042220 - EPA 5030 GCMS										
Blank (1042220-BLK1)				Prepared:	04/22/11	Analyze	d: 04/23/11			
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	5.0	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	5.0	"							
2-Chlorotoluene	ND	5.0	"							
4-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	5.0	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	5.0	"							

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042220 - EPA 5030 GCMS										

Blank (1042220-BLK1)				Prepared: 04/22/11 Analyzed: 04/23/11
1,2-Dichloroethane	ND	5.0	ug/kg	
1,1-Dichloroethene	ND	5.0	"	
cis-1,2-Dichloroethene	ND	5.0	"	
trans-1,2-Dichloroethene	ND	5.0	"	
1,2-Dichloropropane	ND	5.0	"	
1,3-Dichloropropane	ND	5.0	"	
2,2-Dichloropropane	ND	5.0	"	
1,1-Dichloropropene	ND	5.0	"	
cis-1,3-Dichloropropene	ND	5.0	"	
trans-1,3-Dichloropropene	ND	5.0	"	
Hexachlorobutadiene	ND	5.0	"	
Isopropylbenzene	ND	5.0	"	
p-Isopropyltoluene	ND	5.0	"	
Methylene chloride	ND	5.0	"	
Naphthalene	ND	5.0	"	
n-Propylbenzene	ND	5.0	"	
Styrene	ND	5.0	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	
Tetrachloroethene	ND	5.0	"	
1,2,3-Trichlorobenzene	ND	5.0	"	
1,2,4-Trichlorobenzene	ND	5.0	"	
1,1,2-Trichloroethane	ND	5.0	"	
1,1,1-Trichloroethane	ND	5.0	"	
Trichloroethene	ND	5.0	"	
Trichlorofluoromethane	ND	5.0	"	
1,2,3-Trichloropropane	ND	5.0	"	
1,3,5-Trimethylbenzene	ND	5.0	"	
1,2,4-Trimethylbenzene	ND	5.0	"	
Vinyl chloride	ND	5.0	"	
Benzene	ND	5.0	"	
Toluene	ND	5.0	"	
Ethylbenzene	ND	5.0	"	
m,p-Xylene	ND	5.0	"	
o-Xylene	ND	5.0	"	
Tert-amyl methyl ether	ND	20	"	

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Volatile Organic Compounds by EPA Method 8260B - Quality Control SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1042220 - EPA 5030 GCMS										
Blank (1042220-BLK1)				Prepared:	04/22/11	Analyzed	d: 04/23/11			
Tert-butyl alcohol	ND	50	ug/kg							
Di-isopropyl ether	ND	20	"							
Ethyl tert-butyl ether	ND	20	"							
Methyl tert-butyl ether	ND	20	"							
Surrogate: Toluene-d8	39.7		"	40.0		99.2	85.5-116			
Surrogate: 4-Bromofluorobenzene	41.6		"	40.0		104	75.1-121			
Surrogate: Dibromofluoromethane	42.2		"	40.0		105	90-135			
LCS (1042220-BS1)				Prepared:	04/22/11	Analyzed	d: 04/23/11			
Chlorobenzene	84.0	5.0	ug/kg	100		84.0	75-125			
1,1-Dichloroethene	84.4	5.0	"	100		84.4	75-125			
Trichloroethene	89.2	5.0	"	100		89.2	75-125			
Benzene	90.0	5.0	"	100		90.0	75-125			
Toluene	83.2	5.0	"	100		83.2	75-125			
Surrogate: Toluene-d8	39.2		"	40.0		97.9	85.5-116			
Surrogate: 4-Bromofluorobenzene	41.0		"	40.0		102	75.1-121			
Surrogate: Dibromofluoromethane	43.6		"	40.0		109	90-135			
LCS Dup (1042220-BSD1)				Prepared:	04/22/11	Analyzed	d: 04/23/11			
Chlorobenzene	77.6	5.0	ug/kg	100		77.6	75-125	7.98	20	
1,1-Dichloroethene	80.0	5.0	"	100		80.0	75-125	5.35	20	
Trichloroethene	83.5	5.0	"	100		83.5	75-125	6.66	20	
Benzene	87.4	5.0	"	100		87.4	75-125	2.99	20	
Toluene	76.7	5.0	"	100		76.7	75-125	8.13	20	
Surrogate: Toluene-d8	39.8		"	40.0		99.5	85.5-116			
Surrogate: 4-Bromofluorobenzene	41.0		"	40.0		102	75.1-121			
Surrogate: Dibromofluoromethane	43.4		"	40.0		108	90-135			

SunStar Laboratories, Inc.

Saviel of Chivy



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Morgan Johnson04/29/11 11:23

Notes and Definitions

S-GC Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch

were accepted based on percent recoveries and completeness of QC data.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SunStar Laboratories, Inc.

Saviel of Chivy

Client: ENGEO Address: 580 N. Wilma Ave Phone: 209 321 266 5 Fax: Project Manager: MOGAN John Con		Project Na Collector:_	-19-2011 Pag me: 1000 N. VOSCO RICHORD GARDOHO Clie 7110485 EDF	nt Project #: 7390, 000, 003
Sample ID Date Samplec Time (19-11 16:15	Sample Container Type Type Soil CC So	8260 + OXY 8260 BTEX, OXY only 8270 8270 8270 8021 BTEX 8015M (gasoline)	## (dieseli) ## (d	Comments/Preservative Full 19#-3 Full 19#-3 PSTEX-MTDE D/MO (W/GI/Ga) 1 9e) Cleanup 1 VOC'S 82608 11 Fuel Oxy Notes STD. TAT BC
Relinquished by: (signature) Date / Time 1/21/11 Disposal @ \$2.00 each	Received by: (signature)	Date / Time 4/21/11 /0:20 Pickup	Turn around time:	4/21/11

Client: ENGE Address:	-		ate:_		(-20-1) me: 1000 Yasa				Page:		Of	<u> </u>		
Phone:	Fax:		-		-	Name or:K	· —	500C		(JCo	Kd. Client	Project #	7380.a	<u></u>
Project Manager:	gan Johnson		- -		atch #			0485			EDF#		1 200.0	
Sample ID SP 6 8 SP 7 8 SP 8 8 SP	Date / Time	Sample Container Type Type CC C Col CC C C Col CC C C Col CC C C Col CC C C C C Col Received by: (signature) Received by: (signature)		Date /	Time		3(chain of	Total f Custod Seals	# of continued by seals Y intact? Y	tainers //N/NA	# Cl Caporatory ID	Full - 6, 13	TOTAL TO	7
Relinquished by: (signature)		Received by: (signature)	4/6	Date / '		,		-		L		 -	9/21/11	
	ple disposal Instructions: Disposal @ \$2.00 each Return to client					'''	ırn a r d	ound ti	me:		∟		· · · · · · · · · · · · · · · · · · ·	

Client:ENGEO Address: Phone: Project Manager:MONGONJ	Fax:		F	Project N Collector		band lo	Page: 3 /() Client Project #.	or
Relinquished by: (signification) Control of the co	1 9:20 2x b of services of the	-7501	Date	Z <i>ON</i> Time	Chain of Chain of Chain (diesel)	Total # of containers Custody seals Y/N/NA Seals intact? Y/N/NA	31 Full 32 V/ 13 33 D/1 (80) 33 (80) 36 37 36 40 VOC	ments/Preservative TALO TEX / MTDE (JONES D. TAT SCA STAT SCA SCA
SC 4/21/11 24 12		by: (signature)	,	Time , <i>lo:zc</i>	,		,	7
Sample disposal Instructions: Disposal @ \$2.0		1 to client	9/2/// Pickup _	, ,,,,,,,	∐Turn aro	und time:		

SunStar Laboratories, Inc. 25712 Commercentre Dr Lake Forest, CA 92630

Chain of Custody Record

949-297-5020 ENGE Client: Address: Client Project #: 7380.000 .000 Phone: Project Manager: Morgon Johnon (6010*8*/ 8015M Ext./Carbon Chain 6010/7000 Title 22 Metals 8260 BTEX, OXY only Total # of containers 8015M (gasoline) 8015M (diesel) Laboratory ID 8260 + OXY 8021 BTEX Sample 8270 Container Sample ID Date Sampled Time Type Type Comments/Preservative 4-19-11 14:30 2x6 47 15:15 15:18 CLEON MA mis mysoder MOAN 11:00 51 57 53 PWARKWA MANNYMONOCONTRACTO (-30-11 (\$1,00 Water 54 503-6W VOC Nato

Date / Time Received by (s) shature) Relinquished by: (signature) Date / Time Total # of containers Notes Chain of Custody seals Y/N/NA Comparte CSIFA-0) Relinquished by: (Signature) Received by: (signature) Date / Time Date / Time Seals intact? Y/N/NA Received good condition/cold 5. Z STD. TAT Relinquished by: (signature) Date / Time Received by: (signature) Date / Time 4/21/11 10:20 C=50 4/21/11/0120 Turn around time: Sample disposal Instructions: Disposal @ \$2.00 each Return to client Pickup ____

client: ENGEO ddress: Fax: Fax: roject Manager: Murgan Johnson														oge:			_ 		
J. J	1 01 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4130-1			-		ра			770	70 -	7		EDF	#:				
Sample ID D D D D D D D D D D D D	Date Sampled 4-70-11 4-19-11 4-19-11 4-19-11 Date / Tir	10:00 10:09 10:08 10:08 10:08 10:08 16:00 16:00 16:00 16:00 16:00 16:00		Container Type 3 x b CC CC VOA V: (signature)		47		invie //	9.5	Chain 8015M (diesel)	To of Cus	tody se	f containe	ΑΥ		PH- FUX D/M		Siller Siller Jel Jeanuf 2808)	Total # of containers
Relinguished by: (signature)	Date / Ti			y: (signature)		• Da	ţe / T	ime			eived g	jood co	ndition/co	· · · · · · · · · · · · · · · · · · ·		4/21	he.	18	c .]
Sample disposal Instructions: Dis	4/21/11	10:20			an	9/3 Pickur	21/11	1012	20	Гurn a	round	f time:				7 1			



SAMPLE RECEIVING REVIEW SHEET

BATCH #			
	roject: <u>1000 N.</u>		
Received by: Brunn Da	ate/Time Received:	4/21/11	10:20
Delivered by: Client SunStar Courier GSO	☐ FedEx ☐ Othe	r	
Total number of coolers received/ Temp crit	teria = 6°C > 0°C (no	frozen co	ntainers)
Temperature: cooler #1 $\underline{5.4}$ °C +/- the CF (- 0.2°C) = $\underline{5.2}$	°C corrected tempers	iture	
cooler #2°C +/- the CF (- 0.2°C) =	°C corrected tempera	iture	
cooler #3°C +/- the CF (- 0.2°C) =	°C corrected tempera	iture	
Samples outside temp. but received on ice, w/in 6 hours of final	sampling. Yes	□No*	□N/A
Custody Seals Intact on Cooler/Sample	Yes	□No*	□N/A
Sample Containers Intact	Yes	□No*	
Sample labels match COC ID's	Yes	□No*	
Total number of containers received match COC	Yes	□No*	
Proper containers received for analyses requested on COC	∏ Yes	□No*	
Proper preservative indicated on COC/containers for analyses rec	quested Yes	□No*	□N/A
Complete shipment received in good condition with correct temp preservatives and within method specified holding times.		labels, volu	mes
* Complete Non-Conformance Receiving Sheet if checked Coole	er/Sample Review - Init	ials and date	BC 4/21/11
Comments:			, ,
<u> </u>			



Appendix B

SunStar Laboratories May 2011 Laboratory Report



26 May 2011

Jeff Adams Engeo

2213 Plaza Dr.

Rocklin, CA 95765

RE: 1000 N. Vasco Rd.

Enclosed are the results of analyses for samples received by the laboratory on 05/14/11 10:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez For John Shepler

Saniel of Chivey

Laboratory Director



Rocklin CA, 95765

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

Engeo Project: 1000 N. Vasco Rd. 2213 Plaza Dr. Project Number: 7380.000.003

Project Manager: Jeff Adams

Reported: 05/26/11 13:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG1	T110627-01	Air	05/13/11 10:05	05/14/11 10:50
SG2	T110627-02	Air	05/13/11 12:52	05/14/11 10:50
SG3	T110627-03	Air	05/13/11 12:38	05/14/11 10:50
SG4	T110627-04	Air	05/13/11 09:15	05/14/11 10:50
SG5	T110627-05	Air	05/13/11 09:32	05/14/11 10:50
SG6	T110627-06	Air	05/13/11 13:52	05/14/11 10:50
SG7	T110627-07	Air	05/13/11 10:55	05/14/11 10:50
SG8	T110627-08	Air	05/13/11 11:18	05/14/11 10:50
SG9	T110627-09	Air	05/13/11 11:51	05/14/11 10:50
SG10	T110627-10	Air	05/13/11 11:02	05/14/11 10:50
SG11	T110627-11	Air	05/13/11 13:03	05/14/11 10:50
SG12	T110627-12	Air	05/13/11 13:47	05/14/11 10:50

SunStar Laboratories, Inc.

Saviel of Chivey



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG1 T110627-01(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
Acetone	380	0.25	12	ug/m³ Air	3.38	1051610	05/16/11	05/19/11	TO-15	
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	2.8	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	5.0	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	ND	0.17	3.5	"	"	"	"	"	"	
Heptane	ND	0.21	4.2	"	"	"	"	"	"	
Hexane	ND	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	3.7	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Saviel of Chivey



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG1 T110627-01(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
Styrene	ND	0.12	4.3	ug/m³ Air	3.38	1051610	05/16/11	05/19/11	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	110	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	5.2	0.14	5.5	"	"	"	"	"	"	J
Trichlorofluoromethane	ND	0.48	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	6.4	0.13	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	19	0.23	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	4.7	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	ND	0.14	3.3	"	"	"	"	"	"	
Toluene	8.7	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	13	0.49	8.8	"	"	"	"	"	"	
o-Xylene	6.6	0.19	4.4	"	"	"	"	"	"	
C6-C12 (GRO)	13000	1800	7200	"	1.69	"	"	"	"	
1,1-Difluoroethane (Freon 152)	2600		27	"	3.38	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			101 %	40-1	60	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Jeff Adams
 05/26/11 13:20

SG2 T110627-02(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
Acetone	170	0.25	12	ug/m³ Air	1.72	1051610	05/16/11	05/19/11	TO-15	
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	38	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	3.3	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	1.2	0.29	2.7	"	"	"	"	"	"	
Chloroform	4.4	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	74	0.17	3.5	"	"	"	"	"	"	
Heptane	33	0.21	4.2	"	"	"	"	"	"	
Hexane	75	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	5.3	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	4.2	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	
Styrene	4.1	0.12	4.3	"	"	"	"		"	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG2 T110627-02(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		<u>.</u>	SunStar I	_aboratori	es, Inc.					
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	ug/m³ Air	1.72	1051610	05/16/11	05/19/11	TO-15	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	150	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	4.4	0.54	5.6	"	"	"	"	"	"	J
Trichloroethene	8.2	0.14	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	120	0.48	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	17	0.13	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	25	0.23	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	2.9	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	68	0.14	3.3	"	"	"	"	"	"	
Toluene	120	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	70	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	170	0.49	8.8	"	"	"	"	"	"	
o-Xylene	110	0.19	4.4	"	"	"	"	"	"	
C6-C12 (GRO)	14000	1800	7200	"	"	"	"	"	"	
1,1-Difluoroethane (Freon 152)	2800		27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			103 %	40-1	60	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG3 T110627-03(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		<u>.</u>	SunStar I	Laboratorio	es, Inc.					
TO-15										
Acetone	330	0.25	12	ug/m³ Air	1.8	1051610	05/16/11	05/19/11	TO-15]
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	3.2	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	1.9	0.17	3.5	"	"	"	"	"	"	
Heptane	ND	0.21	4.2	"	"	"	"	"	"	
Hexane	ND	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	2.4	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	8.5	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG3 T110627-03(Air)

Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar I	_aboratori	es, Inc.					
ND	0.12	4.3	ug/m³ Air	1.8	1051610	05/16/11	05/19/11	TO-15	
ND	0.11	7.0	"	"	"	"	"	"	
ND	0.26	3.0	"	"	"	"	"	"	
270	0.20	6.9	"	"	"	"	"	"	
ND	0.21	5.6	"	"	"	"	"	"	
ND	0.54	5.6	"	"	"	"	"	"	
13	0.14	5.5	"	"	"	"	"	"	
2.2	0.48	5.7	"	"	"	"	"	"	J
3.0	0.13	5.0	"	"	"	"	"	"	J
4.4	0.23	5.0	"	"	"	"	"	"	J
ND	0.44	3.6	"	"	"	"	"	"	
ND	0.10	2.6	"	"	"	"	"	"	
ND	0.14	18	"	"	"	"	"	"	
3.3	0.62	15	"	"	"	"	"	"	J
ND	0.14	42	"	"	"	"	"	"	
3.0	0.14	3.3	"	"	"	"	"	"	J
7.0	0.15	3.8	"	"	"	"	"	"	
3.5	0.14	4.4	"	"	"	"	"	"	J
8.7	0.49	8.8	"	"	"	"	"	"	J
4.0	0.19	4.4	"	"	"	"	"	"	J
7200	1800	7200	"	"	"	"	"	"	
4900		27	"	"	"	"	"	"	
	ND ND ND 270 ND ND 13 2.2 3.0 4.4 ND ND ND ND 3.3 ND 3.0 7.0 3.5 8.7 4.0 7200	ND 0.12 ND 0.11 ND 0.26 270 0.20 ND 0.54 13 0.14 2.2 0.48 3.0 0.13 4.4 0.23 ND 0.44 ND 0.10 ND 0.14 3.3 0.62 ND 0.14 3.0 0.14 3.0 0.14 3.0 0.14 3.0 0.14 3.0 0.14 3.0 0.19 7200 1800	Result MDL Limit SunStar I ND 0.12 4.3 ND 0.11 7.0 ND 0.26 3.0 270 0.20 6.9 ND 0.21 5.6 ND 0.54 5.6 13 0.14 5.5 2.2 0.48 5.7 3.0 0.13 5.0 ND 0.44 3.6 ND 0.14 18 3.3 0.62 15 ND 0.14 18 3.3 0.62 15 ND 0.14 3.3 7.0 0.15 3.8 3.5 0.14 4.4 8.7 0.49 8.8 4.0 0.19 4.4 7200 1800 7200	ND	ND	ND	ND	ND	ND

SunStar Laboratories, Inc.

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Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Jeff Adams
 05/26/11 13:20

SG4 T110627-04(Air)

Analyte	Result	I MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		<u>S</u>	SunStar I	_aboratori	es, Inc.					
TO-15										
Acetone	69	0.25	12	ug/m³ Air	1.75	1051610	05/16/11	05/19/11	TO-15	
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	ND	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	1.8	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	2.3	0.17	3.5	"	"	"	"	"	"	
Heptane	ND	0.21	4.2	"	"	"	"	"	"	
Hexane	ND	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	3.0	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	15	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	1.8	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG4 T110627-04(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
Styrene	ND	0.12	4.3	ug/m³ Air	1.75	1051610	05/16/11	05/19/11	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	450	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	23	0.14	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.48	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	2.2	0.13	5.0	"	"	"	"	"	"	J
1,2,4-Trimethylbenzene	4.5	0.23	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	1.2	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	5.7	0.14	3.3	"	"	"	"	"	"	
Toluene	7.9	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	3.4	0.14	4.4	"	"	"	"	"	"	J
m,p-Xylene	8.2	0.49	8.8	"	"	"	"	"	"	J
o-Xylene	3.6	0.19	4.4	"	"	"	"	"	"	J
C6-C12 (GRO)	15000	1800	7200	"	"	"	"	"	"	
1,1-Difluoroethane (Freon 152)	7800		27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			97.0 %	40-1	60	"	"	"	"	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG5 T110627-05(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
Acetone	120	0.25	12	ug/m³ Air	1.82	1051610	05/16/11	05/19/11	TO-15	
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	ND	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	1.7	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	ND	0.17	3.5	"	"	"	"	"	"	
Heptane	ND	0.21	4.2	"	"	"	"	"	"	
Hexane	ND	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	3.1	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	9.8	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"		

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG5 T110627-05(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	aboratori	es, Inc.					
TO-15										
Styrene	ND	0.12	4.3	ug/m³ Air	1.82	1051610	05/16/11	05/19/11	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	300	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	14	0.14	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.48	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	2.7	0.13	5.0	"	"	"	"	"	"	J
1,2,4-Trimethylbenzene	3.9	0.23	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	2.9	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	2.9	0.14	3.3	"	"	"	"	"	"	J
Toluene	5.7	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	3.2	0.14	4.4	"	"	"	"	"	"	J
m,p-Xylene	7.2	0.49	8.8	"	"	"	"	"	"	J
o-Xylene	3.1	0.19	4.4	"	"	"	"	"	"	J
C6-C12 (GRO)	2800	1800	7200	"	"	"	"	"	"	J
1,1-Difluoroethane (Freon 152)	5000		27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			98.1 %	40-1	60	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG6 T110627-06(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
Acetone	400	0.25	12	ug/m³ Air	3.52	1051610	05/16/11	05/19/11	TO-15	
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	15	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	2.6	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	62	0.17	3.5	"	"	"	"	"	"	
Heptane	ND	0.21	4.2	"	"	"	"	"	"	
Hexane	8.8	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	7.7	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG6 T110627-06(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es. Inc.					
TO-15			<u> </u>	340 014011						
	ND	0.12	1.2	/ 2 4 *	2.52	1051610	05/16/11	05/10/11	TO 15	
Styrene	ND	0.12	4.3	ug/m³ Air	3.52	1051610	05/16/11	05/19/11	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	"						
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	280	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	12	0.14	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	4.0	0.48	5.7	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	9.0	0.13	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	8.8	0.23	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	4.4	0.62	15	"	"	"	"	"	"	j
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	6.2	0.14	3.3	"	"	"	"		"	
Toluene	8.0	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	7.5	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	18	0.49	8.8	"	"	"	"	"	"	
o-Xylene	8.2	0.19	4.4	"	"	"	"	"	"	
C6-C12 (GRO)	19000	1800	7200	"	1.76	"	"	"	"	
1,1-Difluoroethane (Freon 152)	ND		27	"	3.52	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			130 %	40-1	60	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG7 T110627-07(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
ГО-15										
Acetone	ND	0.25	12	ug/m³ Air	12.6	1051610	05/16/11	05/19/11	TO-15	
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	120	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	1100	0.17	3.5	"	"	"	"	"	"	
Heptane	12	0.21	4.2	"	"	"	"	"	"	
Hexane	42	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
rans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG7 T110627-07(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	_aboratorie	es, Inc.					
TO-15										
Styrene	ND	0.12	4.3	ug/m³ Air	12.6	1051610	05/16/11	05/19/11	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	72	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	17	0.14	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.48	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	18	0.13	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	25	0.23	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	0.62	15	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	29	0.14	3.3	"	"	"	"	"	"	
Toluene	72	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	36	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	69	0.49	8.8	"	"	"	"	"	"	
o-Xylene	39	0.19	4.4	"	"	"	"	"	"	
C6-C12 (GRO)	12000	1800	7200	"	1.7	"	"	"	"	
1,1-Difluoroethane (Freon 152)	ND		27	"	12.6	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			98.9 %	40-1	60	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG8 T110627-08(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	Laboratori	es, Inc.					
TO-15										
Acetone	570	0.25	12	ug/m³ Air	1.76	1051610	05/16/11	05/19/11	TO-15	I
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	4.2	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	2.2	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	26	0.17	3.5	"	"	"	"	"	"	
Heptane	5.4	0.21	4.2	"	"	"	"	"	"	
Hexane	11	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	2.7	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	
Styrene	ND	0.12	4.3	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG8 T110627-08(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	ug/m³ Air	1.76	1051610	05/16/11	05/19/11	TO-15	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	45	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	2.2	0.14	5.5	"	"	"	"	"	"	J
Trichlorofluoromethane	ND	0.48	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	7.0	0.13	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	13	0.23	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	7.0	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	5.2	0.14	3.3	"	"	"	"	"	"	
Toluene	23	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	9.3	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	23	0.49	8.8	"	"	"	"	"	"	
o-Xylene	7.9	0.19	4.4	"	"	"	"	"	"	
C6-C12 (GRO)	26000	1800	7200	"	"	"	"	"	"	
1,1-Difluoroethane (Freon 152)	ND		27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			92.5 %	40-1	60	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG9 T110627-09(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	Laboratori	es, Inc.					
TO-15										
Acetone	880	0.25	12	ug/m³ Air	3.52	1051610	05/16/11	05/20/11	TO-15]
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	57	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	3.3	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	10	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	320	0.17	3.5	"	"	"	"	"	"	
Heptane	ND	0.21	4.2	"	"	"	"	"	"	
Hexane	4.8	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	5.7	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	
Styrene	ND	0.12	4.3	"	"	"	"		"	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr. Project Number: 7380.000.003 Reported: Rocklin CA, 95765 Project Manager: Jeff Adams 05/26/11 13:20

SG9 T110627-09(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es. Inc.					
			Sunstai L	<u>Zuo or utorr</u>	<u>05, 1110.</u>					
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	ug/m³ Air	3.52	1051610	05/16/11	05/20/11	TO-15	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	27	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	3.8	0.14	5.5	"	"	"	"	"	"	J
Trichlorofluoromethane	4.4	0.48	5.7	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	4.8	0.13	5.0	"	"	"	"	"	"	J
1,2,4-Trimethylbenzene	7.0	0.23	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	10	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	ND	0.14	3.3	"	"	"	"	"	"	
Toluene	13	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	7.0	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	15	0.49	8.8	"	"	"	"	"	"	
o-Xylene	7.0	0.19	4.4	"	"	"	"	"	"	
C6-C12 (GRO)	20000	1800	7200	"	1.76	"	"	"	"	
1,1-Difluoroethane (Freon 152)	ND		27	"	3.52	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			91.5 %	40-1	60	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Jeff Adams
 05/26/11 13:20

SG10 T110627-10(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
Acetone	630	0.25	12	ug/m³ Air	1.57	1051610	05/16/11	05/20/11	TO-15]
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	3.1	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	0.98	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	4.2	0.17	3.5	"	"	"	"	"	"	
Heptane	5.7	0.21	4.2	"	"	"	"	"	"	
Hexane	1.5	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	2.5	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	
Styrene	ND	0.12	4.3	"	"	"	"	"	"	

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Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Jeff Adams
 05/26/11 13:20

SG10 T110627-10(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	ug/m³ Air	1.57	1051610	05/16/11	05/20/11	TO-15	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	9.3	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	26	0.14	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	2.0	0.48	5.7	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	2.4	0.13	5.0	"	"	"	"	"	"	j
1,2,4-Trimethylbenzene	4.0	0.23	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	3.8	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	3.1	0.14	3.3	"	"	"	"	"	"	J
Toluene	35	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	3.8	0.14	4.4	"	"	"	"	"	"	J
m,p-Xylene	9.6	0.49	8.8	"	"	"	"	"	"	
o-Xylene	4.0	0.19	4.4	"	"	"	"	"	"	J
C6-C12 (GRO)	31000	1800	7200	"	"	"	"	"	"	
1,1-Difluoroethane (Freon 152)	ND		27	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			96.6 %	40-1	60	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG11 T110627-11(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar L	_aboratori	es, Inc.					
TO-15										
Acetone	520	0.25	12	ug/m³ Air	1.8	1051610	05/16/11	05/20/11	TO-15	Е
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	1.3	0.16	3.2	"	"	"	"	"	"	J
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	1.0	0.21	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	5.2	0.17	3.5	"	"	"	"	"	"	
Heptane	ND	0.21	4.2	"	"	"	"	"	"	
Hexane	ND	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	2.6	0.33	5.0	"	"	"	"	"	"	J
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG11 T110627-11(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	_aboratori	es, Inc.					
TO-15										
Styrene	ND	0.12	4.3	ug/m³ Air	1.8	1051610	05/16/11	05/20/11	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	8.6	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	ND	0.14	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.48	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	2.3	0.13	5.0	"	"	"	"	"	"	j
1,2,4-Trimethylbenzene	3.5	0.23	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	5.7	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	3.3	0.14	3.3	"	"	"	"	"	"	
Toluene	6.8	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	3.4	0.14	4.4	"	"	"	"	"	"	j
m,p-Xylene	8.0	0.49	8.8	"	"	"	"	"	"	J
o-Xylene	3.4	0.19	4.4	"	"	"	"	"	"	J
C6-C12 (GRO)	23000	1800	7200	"	"	"	"	"	"	
1,1-Difluoroethane (Freon 152)	ND		27	"	"	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG12 T110627-12(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		<u> </u>	SunStar I	Laboratori	es, Inc.					
TO-15										
Acetone	620	0.25	12	ug/m³ Air	1.68	1051610	05/16/11	05/20/11	TO-15	I
1,3-Butadiene	ND	0.17	4.5	"	"	"	"	"	"	
Carbon disulfide	190	0.16	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroetha ne (CFC 113)	ND	0.50	7.7	"	"	"	"	"	"	
Isopropyl alcohol	4.7	0.21	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	6.8	"	"	"	"	"	"	
Bromoform	ND	0.18	11	"	"	"	"	"	"	
Bromomethane	ND	0.37	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.56	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.12	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.29	2.7	"	"	"	"	"	"	
Chloroform	ND	0.38	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.17	11	"	"	"	"	"	"	
Cyclohexane	25	0.17	3.5	"	"	"	"	"	"	
Heptane	ND	0.21	4.2	"	"	"	"	"	"	
Hexane	ND	1.0	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.23	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.21	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.19	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.24	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.33	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.25	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.32	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	2.8	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.15	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.10	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.19	3.5	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

SG12 T110627-12(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
			SunStar I	aboratori	es, Inc.					
TO-15										
Styrene	ND	0.12	4.3	ug/m³ Air	1.68	1051610	05/16/11	05/20/11	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.11	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	0.26	3.0	"	"	"	"	"	"	
Tetrachloroethene	91	0.20	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.21	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.54	5.6	"	"	"	"	"	"	
Trichloroethene	10	0.14	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	2.6	0.48	5.7	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	2.5	0.13	5.0	"	"	"	"	"	"	J
1,2,4-Trimethylbenzene	4.4	0.23	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.44	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.10	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.14	18	"	"	"	"	"	"	
2-Butanone (MEK)	9.6	0.62	15	"	"	"	"	"	"	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42	"	"	"	"	"	"	
Benzene	2.6	0.14	3.3	"	"	"	"	"	"	J
Toluene	5.5	0.15	3.8	"	"	"	"	"	"	
Ethylbenzene	3.0	0.14	4.4	"	"	"	"	"	"	J
m,p-Xylene	6.6	0.49	8.8	"	"	"	"	"	"	J
o-Xylene	3.0	0.19	4.4	"	"	"	"	"	"	J
C6-C12 (GRO)	13000	1800	7200	"	"	"	"	"	"	
1,1-Difluoroethane (Freon 152)	ND		27	"	"	"	"	"	"	

SunStar Laboratories, Inc.



Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

TO-15 - Quality Control SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1051610 - General Prep VOC-MS

Blank (1051610-BLK1)				Prepared: 05/1	6/11 Analyzed	d: 05/19/11	
Surrogate: 4-Bromofluorobenzene	43.3		ug/m³ A	ir 45.3	95.7	40-160	
Acetone	ND	0.25	12 "				
1,3-Butadiene	ND	0.17	4.5 "				
Carbon disulfide	ND	0.16	3.2 "				
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.50	7.7 "				
Isopropyl alcohol	ND	0.21	13 "				
Bromodichloromethane	ND	0.26	6.8 "				
Bromoform	ND	0.18	11 "				
Bromomethane	ND	0.37	4.0 "				
Carbon tetrachloride	ND	0.56	6.4 "				
Chlorobenzene	ND	0.12	4.7 "				
Chloroethane	ND	0.29	2.7 "				
Chloroform	ND	0.38	5.0 "				
Chloromethane	ND	0.17	11 "				
Cyclohexane	ND	0.17	3.5 "				
Heptane	ND	0.21	4.2 "				
Hexane	ND	1.0	3.6 "				
Dibromochloromethane	ND	0.23	8.7 "				
1,2-Dibromoethane (EDB)	ND	0.18	7.8 "				
1,2-Dichlorobenzene	ND	0.21	6.1 "				
1,3-Dichlorobenzene	ND	0.19	6.1 "				
1,4-Dichlorobenzene	ND	0.24	6.1 "				
Dichlorodifluoromethane	ND	0.33	5.0 "				
1,1-Dichloroethane	ND	0.25	4.1 "				
1,2-Dichloroethane	ND	0.32	4.1 "				
1,1-Dichloroethene	ND	0.25	4.0 "				

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Engeo Project: 1000 N. Vasco Rd.

 2213 Plaza Dr.
 Project Number: 7380.000.003
 Reported:

 Rocklin CA, 95765
 Project Manager: Jeff Adams
 05/26/11 13:20

TO-15 - Quality Control SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1051610 - General Prep VOC-MS

Blank (1051610-BLK1)			Prepared: 05/16/11 Analyzed: 05/19/11
cis-1,2-Dichloroethene	ND	0.25	4.0 ug/m³ Air
trans-1,2-Dichloroethene	ND	0.25	4.0 "
1,2-Dichloropropane	ND	0.22	4.7 "
cis-1,3-Dichloropropene	ND	0.15	4.6 "
trans-1,3-Dichloropropene	ND	0.21	4.6 "
4-Ethyltoluene	ND	0.10	5.0 "
Methylene chloride	ND	0.19	3.5 "
Styrene	ND	0.12	4.3 "
1,1,2,2-Tetrachloroethane	ND	0.11	7.0 "
Tetrahydrofuran	ND	0.26	3.0 "
Tetrachloroethene	ND	0.20	6.9 "
1,1,2-Trichloroethane	ND	0.21	5.6 "
1,1,1-Trichloroethane	ND	0.54	5.6 "
Trichloroethene	ND	0.14	5.5 "
Trichlorofluoromethane	ND	0.48	5.7 "
1,3,5-Trimethylbenzene	ND	0.13	5.0 "
1,2,4-Trimethylbenzene	ND	0.23	5.0 "
Vinyl acetate	ND	0.44	3.6 "
Vinyl chloride	ND	0.10	2.6 "
1,4-Dioxane	ND	0.14	18 "
2-Butanone (MEK)	ND	0.62	15 "
4-Methyl-2-pentanone (MIBK)	ND	0.14	42 "
Benzene	ND	0.14	3.3 "
Toluene	ND	0.15	3.8 "
Ethylbenzene	ND	0.14	4.4 "
m,p-Xylene	ND	0.49	8.8 "
o-Xylene	ND	0.19	4.4 "

SunStar Laboratories, Inc.

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Rocklin CA, 95765

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

Engeo Project: 1000 N. Vasco Rd.
2213 Plaza Dr. Project Number: 7380.000.003

Project Number: 7380.000.003

Reported:

Project Manager: Jeff Adams

05/26/11 13:20

TO-15 - Quality Control SunStar Laboratories, Inc.

Analyte Result MDL Limit Units Level Result %REC Limits RPD Limit Notes			Reporting		Spike	Source		%REC		RPD	
	Analyte	Result	Lımıt	Units	Level		%REC	Limits	RPD	Limit	Notes

Batch 1051610 - General Prep VOC-MS	Batch	1051610	- General Pren	VOC-MS
-------------------------------------	--------------	---------	----------------	--------

Blank (1051610-BLK1)				Prepared: 05/16/1	1 Analyzed	1: 05/19/11			
C6-C12 (GRO)	ND	1800	7200 ug/m³		· · · · · ·				
1,1-Difluoroethane (Freon 152)	ND		27 "						
Duplicate (1051610-DUP1)		Source:	Г110627-01	Prepared: 05/16/1	1 Analyzed	d: 05/19/11			
Surrogate: 4-Bromofluorobenzene	43.9		ug/m³	Air 45.3	97.0	40-160			
Acetone	390	0.25	12 "	376			3.47	30	
1,3-Butadiene	1.82	0.17	4.5 "	ND				30	J
Carbon disulfide	2.99	0.16	3.2 "	2.78			7.41	30	J
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.50	7.7 "	ND				30	
Isopropyl alcohol	4.90	0.21	13 "	4.99			1.71	30	J
Bromodichloromethane	ND	0.26	6.8 "	ND				30	
Bromoform	ND	0.18	11 "	ND				30	
Bromomethane	ND	0.37	4.0 "	ND				30	
Carbon tetrachloride	ND	0.56	6.4 "	ND				30	
Chlorobenzene	ND	0.12	4.7 "	ND				30	
Chloroethane	ND	0.29	2.7 "	ND				30	
Chloroform	ND	0.38	5.0 "	ND				30	
Chloromethane	ND	0.17	11 "	ND				30	
Cyclohexane	ND	0.17	3.5 "	ND				30	
Heptane	ND	0.21	4.2 "	ND				30	
Hexane	ND	1.0	3.6 "	ND				30	
Dibromochloromethane	ND	0.23	8.7 "	ND				30	
1,2-Dibromoethane (EDB)	ND	0.18	7.8 "	ND				30	
1,2-Dichlorobenzene	ND	0.21	6.1 "	ND				30	
1,3-Dichlorobenzene	ND	0.19	6.1 "	ND				30	
1,4-Dichlorobenzene	ND	0.24	6.1 "	ND				30	
Dichlorodifluoromethane	ND	0.33	5.0 "	ND				30	

SunStar Laboratories, Inc.

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Rocklin CA, 95765

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

Engeo Project: 1000 N. Vasco Rd. 2213 Plaza Dr. Project Number: 7380.000.003

Project Number: 7380.000.003

Reported:
Project Manager: Jeff Adams

05/26/11 13:20

TO-15 - Quality Control SunStar Laboratories, Inc.

			Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1051610 - General Prep VOC-MS

Duplicate (1051610-DUP1)		Source: T	110627-01	Prepared: 05/16/11 Analyz	zed: 05/19/11		
1,1-Dichloroethane	ND	0.25	4.1 ug/m³			30	
1,2-Dichloroethane	ND	0.32	4.1 "	ND		30	
1,1-Dichloroethene	ND	0.25	4.0 "	ND		30	
cis-1,2-Dichloroethene	ND	0.25	4.0 "	3.68		30	
trans-1,2-Dichloroethene	ND	0.25	4.0 "	ND		30	
1,2-Dichloropropane	ND	0.22	4.7 "	ND		30	
cis-1,3-Dichloropropene	ND	0.15	4.6 "	ND		30	
trans-1,3-Dichloropropene	ND	0.21	4.6 "	ND		30	
4-Ethyltoluene	ND	0.10	5.0 "	ND		30	
Methylene chloride	ND	0.19	3.5 "	ND		30	
Styrene	ND	0.12	4.3 "	ND		30	
1,1,2,2-Tetrachloroethane	ND	0.11	7.0 "	ND		30	
Tetrahydrofuran	ND	0.26	3.0 "	ND		30	
Tetrachloroethene	ND	0.20	6.9 "	109		30	
1,1,2-Trichloroethane	ND	0.21	5.6 "	ND		30	
1,1,1-Trichloroethane	ND	0.54	5.6 "	ND		30	
Trichloroethene	ND	0.14	5.5 "	5.18		30	
Trichlorofluoromethane	ND	0.48	5.7 "	ND		30	
1,3,5-Trimethylbenzene	7.44	0.13	5.0 "	6.42	14.6	30	
1,2,4-Trimethylbenzene	18.6	0.23	5.0 "	18.9	1.80	30	
Vinyl acetate	ND	0.44	3.6 "	ND		30	
Vinyl chloride	ND	0.10	2.6 "	ND		30	
1,4-Dioxane	ND	0.14	18 "	ND		30	
2-Butanone (MEK)	5.06	0.62	15 "	4.66	8.33	30	J
4-Methyl-2-pentanone (MIBK)	ND	0.14	42 "	ND		30	
Benzene	ND	0.14	3.3 "	ND		30	
Toluene	8.42	0.15	3.8 "	8.68	3.03	30	

SunStar Laboratories, Inc.

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Rocklin CA, 95765

25712 Commercentre Drive Lake Forest, California 92630 949.297.5020 Phone 949.297.5027 Fax

Engeo Project: 1000 N. Vasco Rd.
2213 Plaza Dr. Project Number: 7380.000.003

Project Number: 7380.000.003

Reported:
Project Manager: Jeff Adams

05/26/11 13:20

TO-15 - Quality Control SunStar Laboratories, Inc.

]	Reporting		Spike	Source		%REC		RPD	
Analyte	Result	MDL	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1051610 - General Prep VOC-MS

Duplicate (1051610-DUP1)		Source:	T110627-01	Prepared: 05/16/11 Analyzed	: 05/19/11		
Ethylbenzene	ND	0.14	4.4 ug/m³ Ai	r ND		30	
m,p-Xylene	12.8	0.49	8.8 "	13.3	3.43	30	
o-Xylene	6.42	0.19	4.4 "	6.57	2.30	30	
C6-C12 (GRO)	6000	1800	7200 "	12500	70.6	30	J
1,1-Difluoroethane (Freon 152)	ND		27 "	2590		200	

SunStar Laboratories, Inc.

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Engeo Project: 1000 N. Vasco Rd.

2213 Plaza Dr.Project Number: 7380.000.003Reported:Rocklin CA, 95765Project Manager: Jeff Adams05/26/11 13:20

Notes and Definitions

J Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

E The concentration indicated for this analyte is above the calibration range of the instrument. This value should be considered as an

estimate as the actual value may be higher.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Chain of Custody Record

SunStar Laboratories, Inc. 25712 Commercentre Dr Lake Forest, CA 92630 949-297-5020

Client: ENGE	50							_			Dat	te:		5/	13,	<u>/ l</u>	1		·	Page	e:1	Of	,	_	
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Phone: (925) 9	366-900	00	ngovi (Fax: 9	388 -	27	19-26	n B					lecto				T					nt Project #:	7380	0.000.00	23	
Project Manager:	ef A	dan	ح.									ch #		Til	06	27	,			EDF				-	
				[<u></u> .										2								
									8260 + OXY	8260 BTEX, OXY only		втех	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	//7000 Title 22 Metals	TO-15 0/ TPHOCUS			Laboratory ID #		ST	orvative	# of cantainers	50
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Sample disposal instructions:	Dienosal	@ \$2 nn	each	F	Return	to client			Pi	ckun															



SAMPLE RECEIVING REVIEW SHEET

BATCH #				
Client Name: ENGEO	Project:	000 No.	KTH VA	sco Rong
Received by: Bain	Date/Time Rec	ceived:_ <i>S</i> /	liufu ja	980
Delivered by: Client SunStar Courier GSO	FedEx	Other		
Total number of coolers received	criteria = 6°C :	> 0°C (no <u>i</u>	<u>îrozen</u> çoı	ıtainers)
Temperature: cooler #1 $20.\iota$ °C +/- the CF (- 0.2°C) =	zoo °C correc	ted temperatu	ıre	
cooler #2°C +/- the CF (- 0.2°C) =	°C correc	ted temperatu	ire	
cooler #3°C +/- the CF (- 0.2 °C) =	°C correc	ted temperatu	ıre	
Samples outside temp. but received on ice, w/in 6 hours of fi	nal sampling.	□Yes	□No*	☑N/A
Custody Seals Intact on Cooler/Sample		∐Yes	□No*	₩N/A
Sample Containers Intact		Yes	□No*	
Sample labels match COC ID's		∀Yes	□No*	
Total number of containers received match COC		☐Yes	□No*	
Proper containers received for analyses requested on COC		∭Yes	□No*	
Proper preservative indicated on COC/containers for analyse	s requested	∐Yes	□No*	⊠N/A
Complete shipment received in good condition with correct to preservatives and within method specified holding times.			ibels, volu	mes
* Complete Non-Conformance Receiving Sheet if checked	Cooler/Sample Re	view - Initia	ils and date	BC 5/14/11
Comments:				
				*
		·		

SunStar Laboratories 25712 Commercentre Dr. Lake Forest, CA 92630 (949)297-5020

* PLEASE DO **NOT** WRITE ON OR PLACE LABELS ON SUMMA CANS



Canister Data Sheet

Client:

ENGEO SCOTT JOHNS_5/12/2011_19

Shipping In	formation			Sampling Information	n.				
		CHECK	Pressure	Sample	Sample	Initial	Final	Sample	Sample
Canister S	erial #	Date	(-30 +/- 2 psia)	ID	Date	Pressure	Pressure	Start Time	Finish Time
SSAT-	0031 ^연	5/12/2011	-30						<u> </u>
SSAT-	0409	5/12/2011	-30	561	5/13/1	30	4	10:05	10:13
SSAT-	0439	5/12/2011	-30	5611	5/13/1/	30_	5	1:03	1:10
SSAT-	0469	5/12/2011	-30						
SSAT-	0612	5/12/2011	-30	568	5/13/11	29	5	11:18	11:25
SSAT-	0613	5/12/2011	-30	5154	5/13/11	24	4	9:15	9:19
SSAT-	0616	5/12/2011	-30	565	5/13/11	28	5	9:52	9:59
SSAT-	0660	5/12/2011	-30	56 10	5/13/1	30	2	11:02	11311
SSAT-	0675	5/12/2011	-30	56 7	5/3/11	30+	5	10:55	11:07
SSAT-	0677	5/12/2011	-30_	569	3/13/11	29	5	11:51	11:59
SSAT-	0685	5/12/2011	-30	566	5/13/11	28	4	1557	2.04
SSAT-	0688	5/12/2011	-30	56 3	5/13/11	28	5	12:38	12:45
SSAT-	0689	5/12/2011	-30	5612	5/13/11	30	5	1:47	1:52
SSAT-	0710	5/12/2011	-30	56 Z	5/13/11	30	5	12/5 2	100
SSAT-	0711	5/12/2011	-30						
SSAT-	6003	5/12/2011	-30	PURGE CAN			<u> </u>		<u> </u>

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	-						· · · · · · · · · · · · · · · · · · ·	
SSAT-	0211	5/12/2011	30 PSI	NITROGEN FILLED				
SSAT-	0618	5/12/2011	30 PSI	NITROGEN FILLED				
S\$AT-	0716	5/12/2011	30 PSI	NITROGEN FILLED				
.,								
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						-		
<u>. </u>								
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			<u> </u>		<u> </u>	<u> </u>	1	

Effective Date: 02/10/05

* PLEASE DO NOT WRITE ON OR PLACE LABELS ON SUMMA CANS



Laboratories, Inc. PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Canister Data Sheet 5-11-11

Sott Johns

Shipping Information Sampling Information									
		CHECK	Pressure	Sample	Sample	Initial	Final	Sample	Sample
Canister Serial #		Date	(-30 +/- 2 psia)		Date	Pressure	Pressure	Start Time	Finish Time
SSAT-	2023		Snil VAX	Don MANIF	10				
SSAT-									
SSAT-	3019		10	(e)				
SSAT-									
SSAT-	2018		42 6	1 11	(
SSAT-									
SSAT-									
SSAT-									
SSAT-		 ,							
SSAT-									
SSAT-						,			
SSAT-							ı		
SSAT-									
-TARE									
SSAT-									
SSAT-	I								

Jeff Adams

From:

Bill Hannell [bill@sunstarlabs.com]

Sent:

Thursday, May 12, 2011 4:57 PM

To:

Jeff Adams

Subject: Credit for Air Project at Livermore

Hi Jeff

As per our conversation today, when we receive the 12 summa cans to be analyzed for TO going to charge you \$ 500 for the whole project. If you would print this out and attach it to with also a note on the COC that refers to this email, I would appreciate it.

Thanks for your business, and I look forward to working with you in the future.

Best regards

Bill Hannell* Vice President of Operations

SunStar Laboratories, Inc. 25712 Commercentre Drive Lake Forest, CA 92630 530-304-5525 Office 530-756-5698 FAX bill@sunstarlabs.com

ELAP# 2250 Small Business Certification: # 31511



Appendix C

ProUCL PCE Analysis

General UCL Statistics for Full Data Sets

User Selected Options

From File WorkSheet.wst

Full Precision OFF

Confidence Coefficient 95%

Number of Bootstrap Operations 2000

PCE (mg/m3)

General Statistics

Number of Valid Observations 12 Number of Distinct Observations 12

Raw Statistics

Minimum 8.6

Maximum 450

Mean 151.1

Median 100.5

SD of log Data 1.328

SD 141.7

Coefficient of Variation 0.938

Minimum of Log Data 2.152

Maximum of Log Data 6.109

Maximum of log Data 4.419

Mean of log Data 1.328

Relevant UCL Statistics

Normal Distribution Test Lognormal Distribution Test

Shapiro Wilk Test Statistic 0.881 Shapiro Wilk Test Statistic 0.921
Shapiro Wilk Critical Value 0.859 Shapiro Wilk Critical Value 0.859

Data appear Normal at 5% Significance Level Data appear Lognormal at 5% Significance Level

Assuming Normal Distribution Assuming Lognormal Distribution

 95% Student's-t UCL 224.5
 95% H-UCL 829

 95% UCLs (Adjusted for Skewness)
 95% Chebyshev (MVUE) UCL 503.2

 95% Adjusted-CLT UCL 230.1
 97.5% Chebyshev (MVUE) UCL 643.7

 95% Modified-t UCL 226.4
 99% Chebyshev (MVUE) UCL 919.9

Gamma Distribution Test Data Distribution

k star (bias corrected) 0.781 Data appear Normal at 5% Significance Level

Theta Star 193.3 nu star 18.76

Skewness 0.928

Approximate Chi Square Value (.05) 9.939 Nonparametric Statistics

Adjusted Level of Significance 0.029 95% CLT UCL 218.4
Adjusted Chi Square Value 8.974 95% Jackknife UCL 224.5

Adjusted Chi Square Value 8.974 95% Jackknife UCL 224.5 95% Standard Bootstrap UCL 215.6

Anderson-Darling Test Statistic 0.252

Anderson-Darling 5% Critical Value 0.758

Kolmogorov-Smirnov Test Statistic 0.165

Solution Value 0.253

95% Bootstrap UCL 225.7

Following Solution Value 0.253

95% Percentile Bootstrap UCL 216.4

Following Solution Value 0.253

95% BCA Bootstrap UCL 225.8

Data appear Gamma Distributed at 5% Significance Level95% Chebyshev(Mean, Sd) UCL 329.497.5% Chebyshev(Mean, Sd) UCL 406.5

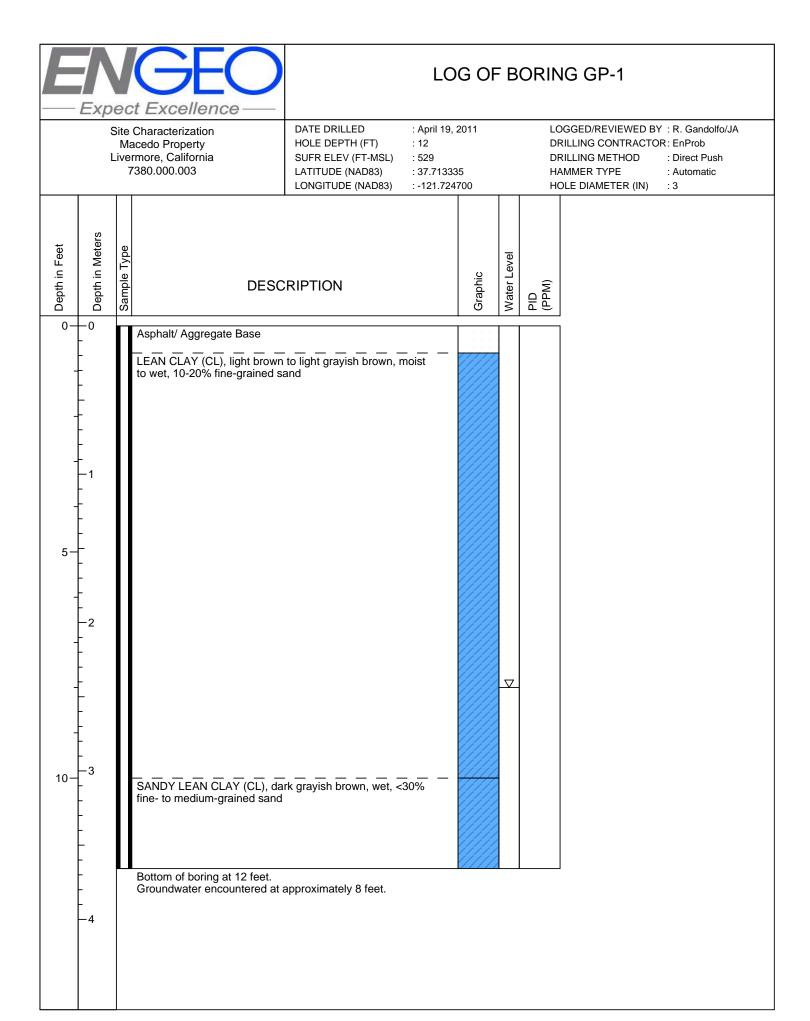
Assuming Gamma Distribution

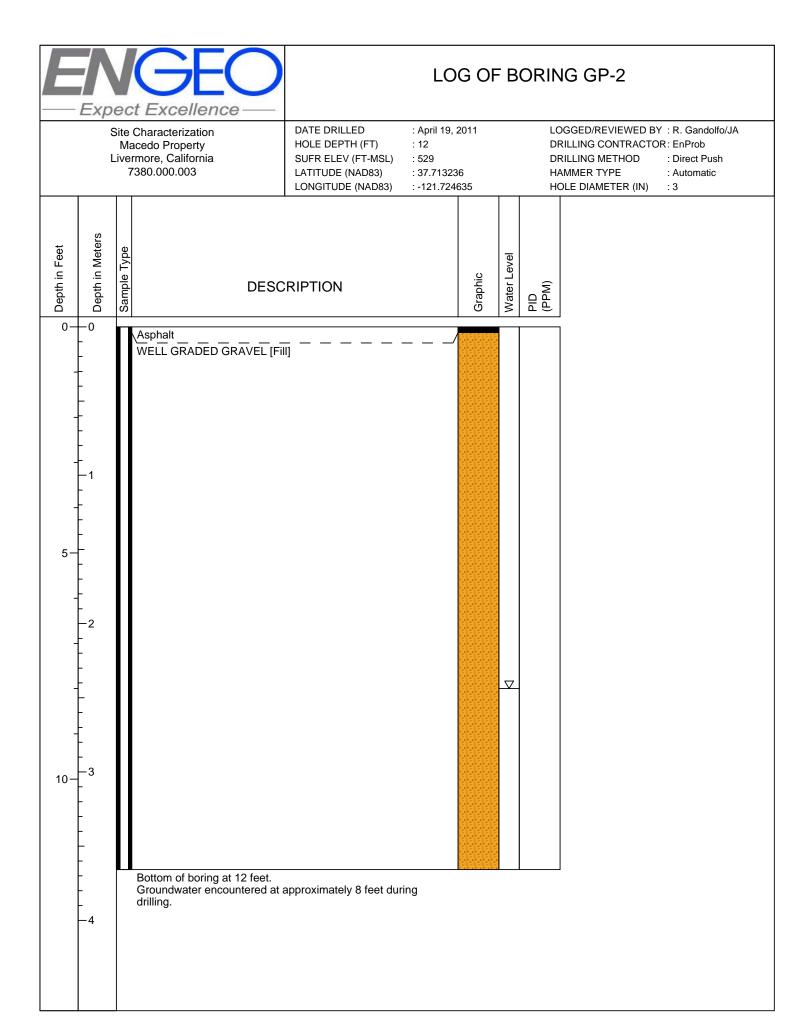
95% Approximate Gamma UCL 285.1 95% Adjusted Gamma UCL 315.7 99% Chebyshev(Mean, Sd) UCL 558.1

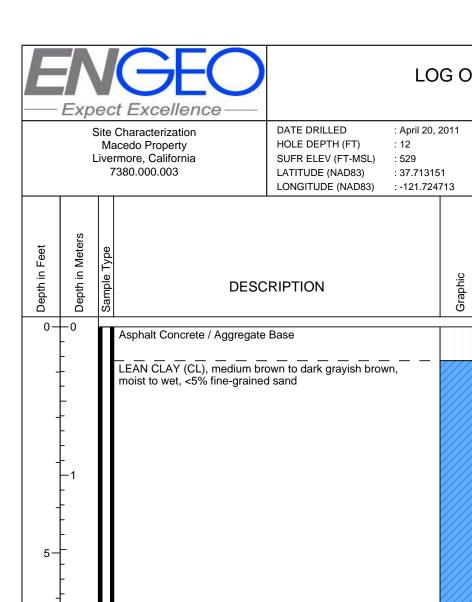


Appendix D

Boring Logs



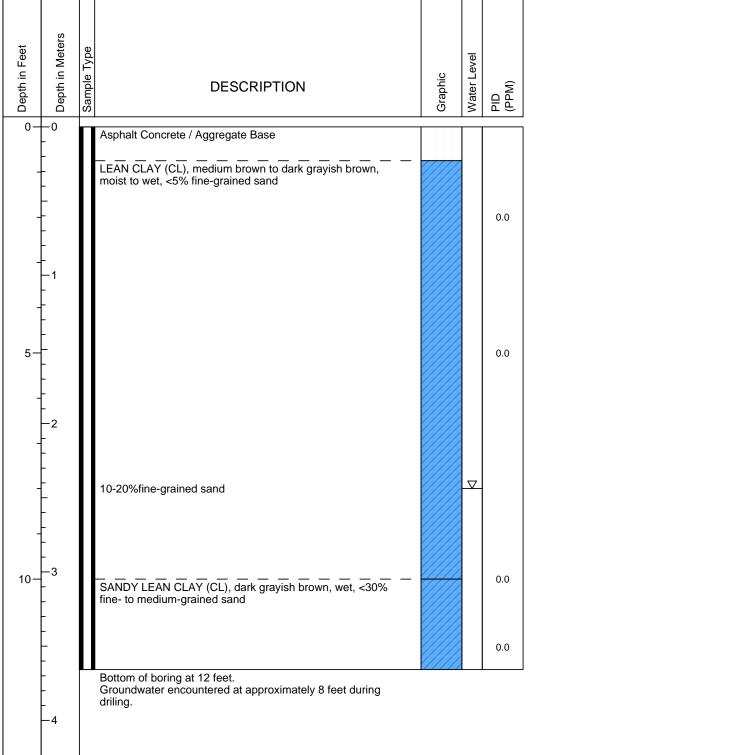


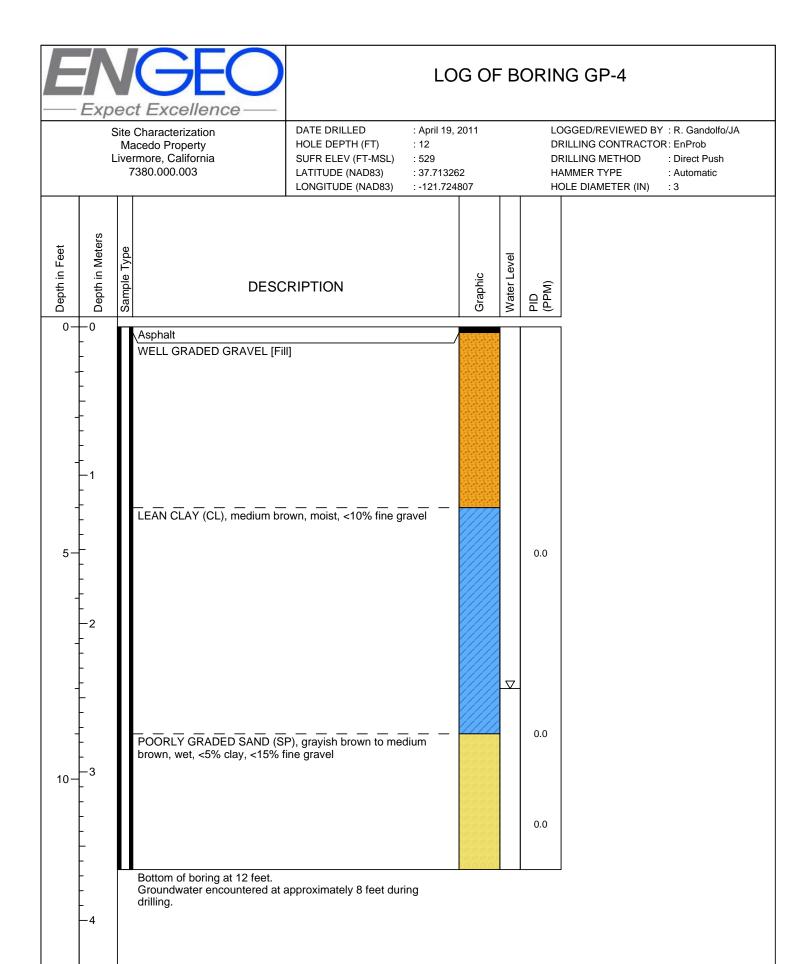


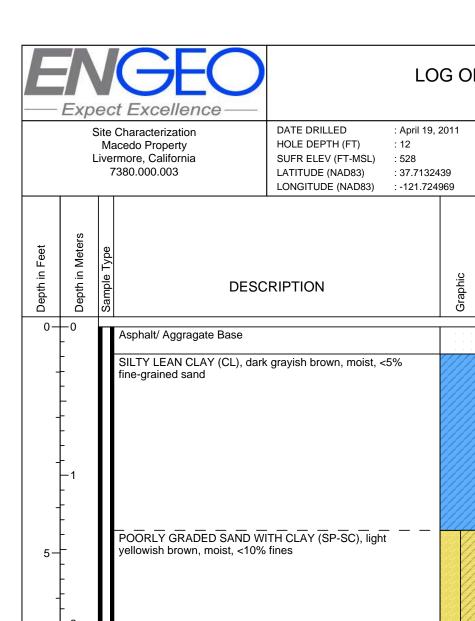
LOG OF BORING GP-3

LOGGED/REVIEWED BY: R. Gandolfo/JA DRILLING CONTRACTOR: EnProb DRILLING METHOD : Direct Push HAMMER TYPE : Automatic

HOLE DIAMETER (IN)







LOG OF BORING GP-5

LOGGED/REVIEWED BY: R. Gandolfo/JA DRILLING CONTRACTOR: EnProb DRILLING METHOD : Direct Push HAMMER TYPE : Automatic

HOLE DIAMETER (IN)

Water Level PID (PPM) 0.0 0.0 -3 10-Bottom of boring at 12 feet. Groundwater not encountered during drilling. -4

