# Converse Consultants

**Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences**

# Phase II Environmental Site Assessment Report

Former Shannon Casket Property
15744 East Arrow Highway
Irwindale, California

PREPARED FOR

City of Irwindale
5050 North Irwindale Avenue
Irwindale, California 91706

Converse Project No. 05-41-216-02
September 14, 2005

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# Converse Consultants

**Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences**

September 14, 2005

Ms. Elaine Cullen
Economic Development Manager
City of Irwindale
5050 North Irwindale Avenue
Irwindale, California 91706

**SUBJECT: PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT**
Former Shannon Casket Property
15744 East Arrow Highway
Irwindale, California
Converse Project No. 05-41-216-02

Ms. Cullen:

Converse Consultants (Converse) is pleased to submit the attached report that summarizes the activities and the results of the *Phase II Environmental Site Assessment Report* that was conducted at the referenced property (Property) in general accordance with our proposal dated May 19, 2005.

We appreciate the opportunity to be of service to you. If you should have any questions or comments regarding this report, please contact either Laura Tanaka at (626) 930-1261 or Norman Eke at (626) 930-1260.

**CONVERSE CONSULTANTS**

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# 1.0 Background

The subject property (herein referred to as Property) is an irregular-shaped parcel consisting of approximately 2.5 acres (109,964 square feet). The Property is located on the south side of East Arrow Highway at 15744 East Arrow Highway, in the City of Irwindale, Los Angeles County, California.

A document review performed by Converse in May 16, 2005, identified the Property to be occupied by the Shannon Casket facility from 1947 to the early 1990s. In 1995, the structures on the Property were demolished, and by 2002, the Property was a vacant lot.

Based on the results of the document review, Converse identified the following recognized environmental conditions (RECs):

- Volatile Organic Compounds (VOCs): Soil samples collected during the March 14, 2003 investigation by Encon were analyzed for VOCs. However, the samples were composited and the sample collection was not in accordance with Environmental Protection Agency (EPA) Method 5035. In addition, only one discrete sample and one composited sample were collected from the former manufacturing building.
- Lead: It appears the lead contaminated soil has been remediated (excavated) from the Property to the Department of Toxic Substances Control (DTSC) school guidance level of 255 parts per million (ppm) (as stated in the Encon report). Confirmation soil samples indicated lead concentrations remaining at the Property ranged from 5 to 221 ppm. The EPA Preliminary Remediation Goal (PRG) for lead for a residential property, modified for California, is 150 ppm (there is no California modified PRG for an industrial property). The average lead concentration of the six confirmation samples was 79 ppm, which is below the PRG of 150 ppm.
- Closure letters have been issued for the former underground storage tanks (USTs) and associated dispensers, and clarifier/injection wells. However, it appears residual contamination is present in the area of the clarifier/injection wells.
- Former Manufacturing Building: Limited soil samples were collected in the former manufacturing building. Additional samples should be collected and analyzed for VOCs, lead and other metals, and total petroleum hydrocarbons (TPH).
- Southeast corner of the Property: A 1999 Phase II proposal by an environmental consultant (Ogden) identified the presence of hydrocarbons on the southeast corner of the Property.
- Building foundation: There is a potential for environmental impact from the former use under the slab of the former building.

# 2.0 Scope of Services

## 2.1 *Objective*

The objective of this assessment was to evaluate the Property for environmental impact from historical uses by collecting and analyzing soil samples. Potential contaminants in the soil included petroleum hydrocarbons, VOCs, polychlorinated biphenyls (PCBs) and metals.

## 2.2 *Project Set-up*

Converse personnel coordinated and scheduled Property access with the Property owner representatives. Boring locations were marked and Underground Service Alert (USA) was notified. The sampling activities were performed in accordance with a site specific Health and Safety Plan.

## 2.3 *Field Activities*

The field activities were completed on July 28, 2005. Boring location maps are provided in Appendix A. Boring logs are provided in Appendix B.

- Six (6) borings (GP-1, -2, -3, 4-, 5-, and -6) were completed at the Property for confirmation that the lead impacted soil was successfully remediated. Borings GP1 through GP-5 were placed in the former building foundation, around the perimeter of the excavation. Boring GP-6 was placed within the boundary of the excavated area. All the borings were completed to a depth of 10-feet below ground surface (bgs). Soil samples were collected at 2, 5, and 10-feet bgs.

- Ten (10) borings (GP-7, -8, -9, -10, -11, -12, -13, -14, -15, and -16) were completed in the area of the former manufacturing building foundation and general placement over the Property. Some of the borings were placed based on visual observations (etched concrete or surficial staining) and identified features in prior assessment reports (drains, trenches). The borings were completed to a maximum depth of 20-feet bgs. Soil samples collected at 1-foot, 5-feet, and at 5-foot intervals thereafter until boring depth.

- Three (3) borings (GP-17, -18, and -19) were completed in the southeast corner of the Property to address the presence of possible hydrocarbons identified in a 1999 Phase II report. The borings were completed to a depth of 10-feet bgs. Soil samples were collected at 1, 5, and 10-feet.

- Four (4) borings were completed in the areas of the former underground storage tanks/dispensers and the clarifier/injection wells. The original proposed boring depth was 30-feet bgs with soil samples collected beginning at 15-feet bgs and continuing at 5-foot intervals to 30-feet bgs. However, due to field conditions, the following borings were completed in the former UST and clarifier/injection well areas:

  - GP-20: Refusal of the boring was at 14-feet bgs. No soil samples were collected from this boring.
  - GP-21: Refusal of the boring was at 15.5-feet bgs. A soil sample was collected at 15-feet bgs.
  - GP-21A: This boring was co-located to the south of Boring GP-21. The boring was completed to a depth of 14-feet bgs. Soil samples were collected at 5 and 10-feet bgs.
  - GP-22: Refusal of the boring was at 25-feet bgs. No soil samples were collected or retrieved due to the absence of soil materials. The samples at the 15, 20 and 25-feet bgs consisted of rocks and igneous clasts.
  - GP-22A: This boring was co-located to the southwest of Boring GP22. The boring was completed to a depth of 17-feet bgs. Soil samples were collected at 1, 5, 10, and 15-feet bgs.
  - GP-23: Refusal of the boring was at 25-feet bgs. Soil samples were collected at 15, 20, and 25-feet bgs.

## *2.4 Sampling Methodology*

Converse utilized a Limited Access Geoprobe drilling rig to collect the soil samples at pre-determined locations. For each sample, a steel rod was hydraulically advanced into the soil to the desired depth or until equipment refusal was encountered. A closed end sampler with an acetate liner was then advanced at the end of the rod to collect the soil sample. Upon reaching the intended sample depth, the sampler pin was unlocked to open the sampler, which then was driven an additional 2-feet. The sampler was then raised to the ground surface to retrieve the soil sample.

Soil samples to be analyzed for VOCs were collected and prepared in general accordance with United States Environmental Protection Agency (EPA) Method 5035 using disposable EnCore samplers. The acetate liners or steel sleeves containing the retrieved soil cores were cut or divided at the appropriate sample depth and an aliquot of soil weighing approximately 5 grams was collected using a new EnCore sampler. A portion of the remaining soil sample was removed from the liner or sleeve and placed into a plastic bag and screened in the field with a PID for VOCs, visually inspected, described, and logged on boring logs by a qualified professional. A total of three (3) EnCore samples were collected at each sample depth.

The remaining soil in the acetate liner or steel sleeves were sealed with Teflon film and plastic end caps, labeled, enclosed within a plastic bag, and placed on ice for delivery to the State certified laboratory, with the EnCore samples, under chain of custody

documentation. The completed boreholes were backfilled with hydrated bentonite and finished to match the adjacent surface.

Before each use, all drilling and sampling equipment was cleaned, double rinsed with tap water and final rinsed with distilled water, to reduce the potential for cross-contamination. All samples were handled and transported in accordance with EPA protocol, including chain-of-custody procedures.

## *2.5 Sample Analysis*

Selected soil samples were analyzed in general accordance with the following EPA Test Methods:

- EPA Method 8015M for TPH as Gasoline (TPH-g), Diesel (TPH-d) or Carbon Chain (TPH-cc)
- EPA Test Method 6010B/7471A for Title 22 Metals
- EPA Test Method 8260B for VOCs, including oxygenates.
- EPA Test Method 8082, PCBs

The following samples were archived pending the results of the shallower samples:

- 10-foot samples: GP-1, -2, -3, -4, 5, -6, and -12
- 15-foot samples: GP-7, -10, -11, -13, and -22A
- 20-foot samples: GP-10, -11, and -12

Analyses were completed on a normal, 5 to 7 day turnaround time by American Environmental Testing Laboratory (AETL) Inc., a state certified laboratory located in Burbank, California.

# 3.0 Summary of Findings

## *3.1 Geology*

The Property lies within the northeasterly portion of the Peninsular Ranges Geomorphic Province. The trace of the active Sierra Madre Fault Zone (geologic feature separating the Peninsular Ranges and the Transverse Ranges Geomorphic Provinces) is about two (2) miles north of the Property. According to the California Division of Mines and Geology, 1967 "Geologic Map of California, San Bernardino Sheet" the deposits immediately underlying the Property consist of Recent alluvium. This alluvium, exposed in cut slopes in the vicinity of the Property, consists of a pebble to boulder gravel with minor fine to coarse grained sand as matrix and interbeds.

The Property occupies terrain south of the paved Arrow Highway, with the Property eastern limits approximately 640 feet west of the intersection of Irwindale Avenue and Arrow Highway. The ground surface of the Property is relatively flat and at an elevation of about 462 feet mean seal level (msl). The ground surface for the areas immediately easterly and westerly of the Property is also relatively flat and is at comparable elevations.

An aggregate mining operation previously occupied areas south and southwesterly of the Property. The USGS, 1974, "Baldwin Park Topographic Quadrangle Map" indicates that the aggregate materials were excavated to an elevation of approximately 400 feet (msl), and that the mining produced an inclined/southwest-facing/60-plus foot high slope between the Property and the bottom of the pit. In recent time, this pit has been redeveloped with the placement of engineered fill to within approximately 15-feet below the grade of the Property, and warehousing facilities have been constructed in the areas of the fill.

For this assessment, Converse advanced twenty-three (23) probes over the Property to collect samples of the underlying soils for laboratory analysis. Generally, soil samples were collected at five (5) foot intervals at each probe, and probes were advanced up to 25-feet bgs. The lithology and soil type of each soil sample was identified with the Unified Soil Classification System (USCS). The lithologies and USCSs of soils encountered at each probe are recorded on the Boring Logs (see Appendix B).

Based on this assessment, fill materials consisting of silt, sand and gravel, are located on the Property, having a thickness ranging from approximately 2-feet to 10-feet, mantle the Property. This fill was most probably generated and placed during the earlier mining operation. The status, or certification, of the fill for use as a foundation for vertical structures is unknown at this time. The previous tank excavation located on the eastern portion of the Property has been backfilled with engineered controls. This backfill ranges between 12 to 17-feet in thickness. Alluvium underlies the fill materials. The alluvium consists of gravel with matrix and interbeds of yellowish brown, fine to coarse grained sands. The probes commonly met refusal near the fill/alluvium contact

or at encountering a cobble-sized, or larger, clasts in the alluvium. Groundwater was not encountered by the probes during this assessment.

## 3.2 Hydrogeology

Hydrogeologically, the Property is situated in the north-central part of the San Gabriel Valley sub-basin to the South Coastal Basin. Los Angeles County Department of Public Works (DPW) monitors the level of the groundwater in this basin with a system of active wells. Two of these wells are located near to the Property.

DPW well number 4279D is located approximately 2,560 feet east of the Property with a ground surface elevation of 479 feet msl. The water level at this well was last measured in February 2005 at an elevation of 219.4 feet msl.

DPW well number 4259A is located approximately 3,200 feet west of the Property with a ground surface elevation of 454.5 feet (msl). The water level at this well was last measured in March 2005 at an elevation of 236 feet (msl).

## 3.3 Analytical Results

A summary of the analytical results are provided in the following sections. Summary tables of the analytical results are also provided in Appendix C. The analytical reports and chain of custody documentation are provided in Appendix D.

**TPH-g**
The analytical results indicated no petroleum hydrocarbons in the C4-C12 range were detected above the method detection limits in any of the analyzed samples

**TPH-d**
Concentrations of TPH-d (C13-C22) ranged between 5.97 and 134 milligrams per kilogram (mg/kg) in the analyzed samples. The maximum concentration of 134 mg/kg was detected in the GP-21 sample at 15-foot bgs. These reported concentrations are below the Maximum Soil Screening Level (MSSL) of 1,000 mg/kg established by the Los Angeles Regional Water Quality Control Board (RWQCB) for sites with groundwater located 20 to 150-feet bgs.

Concentrations of TPH as heavy hydrocarbons (C23-C40) ranged between 12.6 and 1,220 mg/kg in the analyzed samples. The maximum concentration of 1,220 mg/kg was detected in sample collected at 15-feet bgs in Boring GP-23. These reported concentrations in the soil samples are below the MSSL of 10,000 mg/kg established by the RWQCB for site with groundwater located 20-to 150-feet bgs.

**VOCs**
The analytical results indicated no detectable concentrations above the method detection limits for VOCs, except in the 1-foot sample at GP-16. Benzene was detected

at 0.0021J mg/kg in the 1-foot sample at GP-16. This concentration is below the MSSL established by the RWQCB of 0.011 to 0.044 mg/kg.

The benzene concentration detected was indicated as a "J-value". A J-value signifies an analyte was detected; however, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

**PCBs**

The analytical results indicated no detectable concentrations above the method detection limits in any of the samples analyzed.

**Metals**

Arsenic was reported above the California modified EPA Preliminary Remediation Goals for residential soils (PRG-r) of 0.062 mg/kg in the analyzed samples. The concentrations ranged from 1J mg/kg to 9.15 mg/kg. The maximum concentration of 9.15 mg/kg was detected in the GP-11 sample at 1-foot bgs. These concentrations are less than ten times the Soluble Threshold Limit Concentrations (STLC) of 5 milligrams per liter (mg/L), and below the Total Threshold Limit Concentrations (TTLC) of 500 mg/L. The remaining samples indicated no detectable concentrations of arsenic above method detection limits.

Lead concentrations were detected in the analyzed samples ranging from non-detect to 610 mg/kg. The lead concentrations in the following three (3) soil samples exceeded 10 times the STLC, or 50 mg/kg. Based on the initial results, the samples were re-analyzed for the STLCs and by the Toxicity Characteristic Leaching Procedure (TCLP). The results are presented in the following table.

| Boring Number | Depth (Feet bgs) | Lead Concentration | | |
|---|---|---|---|---|
| | | TTLC (mg/kg) | STLC (mg/L) | TCLP (mg/L) |
| GP-21 | 15 | 238 | 26.5 | None Detected |
| GP-21A | 1 | 610 | 15.8 | 0.280 |
| | 5 | None Detected | Not Applicable | Not Applicable |
| | 10 | None Detected | Not Applicable | Not Applicable |
| GP-23 | 15 | 56.6 | 6.1 | None Detected |
| | 20 | 28.8 | Not Applicable | Not Applicable |
| | 25 | 11.1 | Not Applicable | Not Applicable |

The above boring locations are in the area of the former UST and clarifier/injection wells. Based on the analytical results, due to the lead concentrations, the soil is considered a non-RCRA, California hazardous waste.

The confirmation soil samples, which were collected from the area of the Property that had previously been remediated due to elevated lead concentrations, were all below ten times the STLC for lead.

In addition to lead and arsenic, other metals were detected in soil samples from the Property. However, all of the other metal concentrations were below their respective PRGs for residential soil.

# 4.0 Conclusions and Recommendations

Based on the analytical results, Converse has reached the following conclusions and recommendations:

- Arsenic was reported above the method detection limits in thirty-two (32) of the samples analyzed. The concentrations reported (1J mg/kg to 9.15 mg/kg) were in excess of the PRG-r (cancer endpoint) but below the TTLC. The concentrations were also less than 10 times the STLC values in all samples analyzed.

  The California modified PRG-r for arsenic (0.062 mg/kg) is below the background levels for arsenic reported in a 1996 study which sampled arsenic levels throughout California (*March 1996, University of California, Kearney Foundation Special Report, Background Concentrations of Trace and Major Elements in California Soils*). According to the 1996 Kearney report, arsenic concentrations reported in California soils ranged from 0.6 to 11.0 mg/kg. Given the consistency of the concentrations of arsenic reported across the Property, and the consistency of the soil type, the levels of arsenic found at the Property appear to be natural as opposed to anthropogenic in origin. No further action appears warranted at this time.

- Concentrations of VOCs were not reported above the method detection limits in any of the samples analyzed except for GP-16 at 1-foot, where benzene was reported at 0.0021J mg/kg. The reported concentration in this soil sample is below the PRG-r for benzene at 0.64mg/kg. The reported concentration is also below the MSSL established by the RWQCB of 0.011 to 0.044 mg/kg. No further action appears warranted at this time.

- Analytical results indicated TPH concentrations were above the method detection limit in some of the analyzed samples. However, the concentrations of TPH-g and TPH-d were below the applicable cleanup levels identified by the RWQCB. No further action appears warranted at this time.

- Lead concentrations in the area of the former UST and clarifier/injection wells ranged from non-detectable to 610 mg/kg. The lead concentrations in the following three (3) boring locations exceeded 10 times the STLC. Based on the initial results, the samples were re-analyzed for the STLCs and analyzed for the TCLP.

| Boring Number | Depth (Feet bgs) | Lead Concentration | | |
|---|---|---|---|---|
| | | TTLC (mg/kg) | STLC (mg/L) | TCLP (mg/L) |
| GP-21 | 15 | 238 | 26.5 | None Detected |
| GP-21A | 1 | 610 | 15.8 | 0.280 |
| | 5 | None Detected | Not Applicable | Not Applicable |
| | 10 | None Detected | Not Applicable | Not Applicable |
| GP-23 | 15 | 56.6 | 6.1 | None Detected |

| Boring Number | Depth (Feet bgs) | Lead Concentration | | |
|---|---|---|---|---|
| | | TTLC (mg/kg) | STLC (mg/L) | TCLP (mg/L) |
| | 20 | 28.8 | Not Applicable | Not Applicable |
| | 25 | 11.1 | Not Applicable | Not Applicable |

Based on the analytical results, the lead impacted soil will need to be disposed of as California hazardous waste. The extent of the lead impacted soil has not be fully assessed to the west of Boring GP-21A. However, it appears the impacted soil is limited to the upper 1 to 5-feet of soil. Once the concrete foundation is removed, Converse recommends additional step-out borings be completed to further delineate the extent of the impacted soil

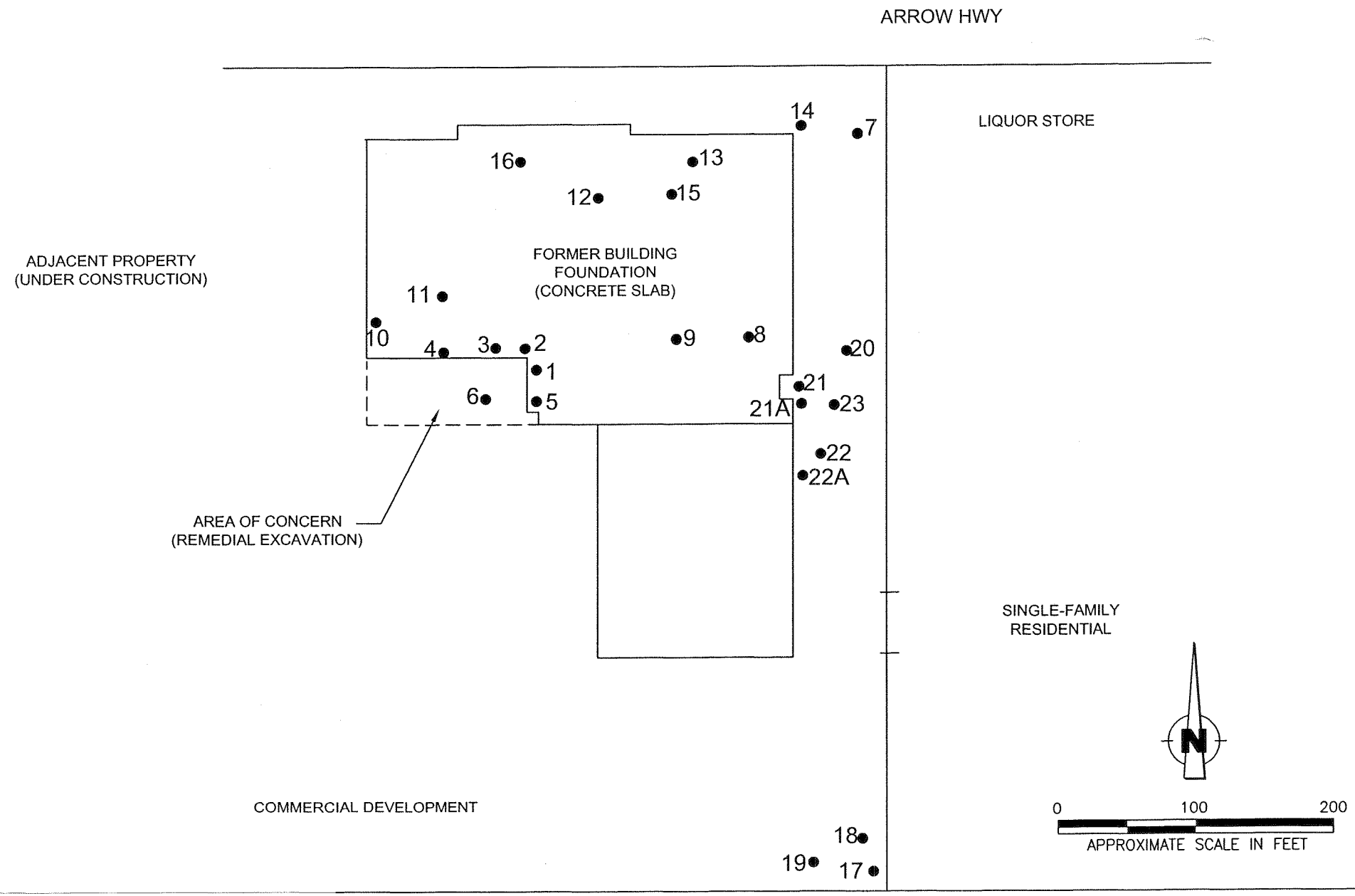
Elevated lead concentrations were detected at 15-feet bgs in Borings GP-21 and GP-23. If grading and redevelopment activities impact the soil at a depth of 15-feet bgs, the impacted soil should be excavated and disposed of. However, based on the depth, and that the concentrations detected are below the DTSC school guidance clean-up level of 255 ppm, it is Converse's opinion that the lead impacted soil at 15-feet bgs poses a low health risk and can be left in place.

- Fill soils of unknown geotechnical engineering properties generally mantle the Property. A pebble to boulder gravel alluvium underlies the fill materials. Regional groundwater is assumed to be present at greater than 150-feet bgs in the general vicinity of the Property.

# 5.0 Limitations and Exceptions

This report has been prepared for the exclusive use of the City of Irwindale, as it applies to the former Shannon Casket Property, located at 15744 East Arrow Highway, in the City of Irwindale, California. Our services have been performed in accordance with applicable state and local ordinances, and generally accepted practices in the environmental sciences. No other warranty, either expressed or implied, is made.

Converse Consultants is not responsible or liable for any claims or damages associated with the accuracy and completeness of available information provided by others. Property exploration identifies actual subsurface conditions only at those points where samples are collected, when they are collected. Data derived through sampling and analytical testing are extrapolated by geoscientists who then render an opinion about overall subsurface conditions. Actual conditions in areas not sampled may differ from predictions. This report should not be regarded as a guarantee that no further contamination, beyond that which was detected in our assessment, is present beneath the Property. In the event that changes to the Property occur, or additional, relevant information about the Property is brought to our attention, the recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the recommendations of this report are modified or verified in writing. Reliance on this report by Third Parties shall be at the Third Party's sole risk.




# BORING LOCATION MAP

**Converse Consultants**

CITY OF IRWINDALE
SHANNON CASKETS
IRWINDALE, CA

| Project No. | Figure No. |
|---|---|
| 05-41-216-02 | 1 |

# Boring Location Map

# Appendix A

# Appendix B

## Boring Logs

# Log of Boring No. GP-1

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE | | | | | | |
| | | **FILL:**<br>**SAND (SP):** light gray, dry, sand is very fine to fine grained (fragments of concrete), trace pebble sized fragments of concrete and igneous clasts. | | | | | | |
| 5 | | | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Project Name
**CITY OF IRWINDALE**
**SHANNON CASKETS**

Project No.
**05-41-216-02**

Drawing No.
**GP-1**

# Log of Boring No. GP-2

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE | | | | | | |
| | | **FILL:**<br>**SAND (SP):** yellowish brown, dry, sand is very fine to fine grained, trace silt, trace pebble gravel. | | | | | | |
| 5 | | -At 5'-grades light yellowish brown. | | | | | | |
| | | **Qal (?)**<br>**SAND (SW):** light yellowish brown to light gray, dry, sand is fine to coarse-grained, some pebble-sized, angular fragments from igneous clasts. | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Project Name
**CITY OF IRWINDALE**
**SHANNON CASKETS**

Project No.
**05-41-216-02**

Drawing No.
**GP-2**

# Log of Boring No. GP-3

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE | | | | | | |
| | | **FILL:**<br>**GRAVELLY SAND (SP):** yellowish brown to light gray, dry, sand is fine grained, gravel is pebble-sized angular fragments of concrete and igneous clasts. | | | | | | |
| 5 | | **SAND (SP):** dark yellowish brown, dry to moist, sand is very fine to fine grained, trace silt. | | | | | | |
| | | **Qal (?)**<br>**SAND (SW):** yellowish brown to light gray, dry, sand is fine to coarse grained, some pebble-sized angular to subrounded gravel and fragments of igneous clasts. | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Project Name
CITY OF IRWINDALE
SHANNON CASKETS

Project No.
05-41-216-02

Drawing No.
GP-3

# Log of Boring No. GP-4

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE | | | | | | |
| | | **FILL:** | | | | | | |
| | | **SAND (SP):** yellowish brown, dry, sand is fine to medium grained, trace pebble gravel, clean to trace silt. | | | | | | |
| 5 | | -At 5'-grades trace to some pebble sized fragments of igneous clasts. | | | | | | |
| | | **Qal (?)**<br>**GRAVELLY SAND (SP):** light gray, dry, sand is very fine to fine grained, fragments of igneous clasts, gravel is pebble-sized angular fragments of igneous clast. | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Project Name
CITY OF IRWINDALE
SHANNON CASKETS

Project No.
05-41-216-02

Drawing No.
GP-4

# Log of Boring No. GP-5

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br><br>**SAND (SP):** yellowish brown dry, sand is fine to medium grained, trace pebble gravel (subrounded and fragments), loose. | | | | | | |
| 5 | | | | | | | | |
| | | **Qal (?)**<br>**SAND (SP):** light gray, sand is very fine to fine grained, trace pebble grave, (sand and gravell are from igneous gravel-sized clasts). | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

Converse Consultants

Project Name
CITY OF IRWINDALE
SHANNON CASKETS

Project No.
05-41-216-02

Drawing No.
GP-5

# Log of Boring No. GP-6

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:** | | | | | | |
| | | **SAND (SP):** yellowish brown, dry to moist, sand is fine to medium grained, trace silt, trace pebble gravel (subrounded and angular fragments of igneous clasts). | | | | | | |
| 5 | | -At 5' grades trace concrete pebble-size fragments. | | | | | | |
| | | **Qal (?)**<br>**SAND (SW):** yellowish brown to light gray, dry, sand is fine to coarse grained, with pebble-sized and igneous clasts gravel (subrounded & fragments). | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

Converse Consultants

Project Name
CITY OF IRWINDALE
SHANNON CASKETS

Project No.
05-41-216-02

Drawing No.
GP-6

# Log of Boring No. GP-7

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br>**SAND AND GRAVEL (SP-GP):** mottled light gray to pale yellowish brown, dry, sand is fine to medium grained, gravel is angular pebble-sized fragments of igneous clasts. | | | | | | |
| 5 | | **SAND (SW):** yellowish brown, dry, sand is fine to coarse grained, trace pebble gravel, clean to trace silt.<br>**Qal (?)** | | | | | | |
| 10 | | **SAND (SW):** light gray, dry, sand is fine to coarse grained fragments of igneous clasts, some angular pebble-sized gravel fragments from igneous clasts. | | | | | | |
| 15 | | -At 15' grades gray. | | | | | | |
| | | TD=16 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Project Name
**CITY OF IRWINDALE**
**SHANNON CASKETS**

Project No.
**05-41-216-02**

Drawing No.
**GP-7**

# Log of Boring No. GP-8

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE<br>**FILL:**<br>**SAND AND GRAVEL (SP-GP):** light gray, dry, sand is very fine grained, gravel pebble, trace silt. | | | | | | |
| 5 | | **SAND (SP):** dark yellowish brown, dry to moist, sand is very fine to fine grained, trace silt, trace pebble gravel. | | | | | | |
| 10 | | **Qal (?)**<br>**SAND (SW):** light yellowish brown to light gray, dry, sand is fine to coarse grained, some pebble gravel, clean to trace silt. | | | | | | |
| 15 | | -At 15' no sample recovered. | | | | | | |
| | | TD=16 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Project No.
05-41-216-02

Drawing No.
GP-8

# Log of Boring No. GP-9

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE | | | | | | |
| | | **FILL:**<br>**SAND (SW):** dark yellowish brown, dry, sand is fine to coarse grained, trace pebble gravel, trace silt. | | | | | | |
| 5 | | -At 5' grades light gray, sand and gravel are angular fragments from igneous clasts. | | | | | | |
| | | **Qal (?)**<br>**SAND (SW):** light gray, dry, sand is fine to coarse grained, some angular pebble sized gravel and fragments from igneous clasts. | | | | | | |
| 10 | | -At 14' no sample recovered. | | | | | | |
| | | TD=14 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Project No.
05-41-216-02

Drawing No.
GP-9

# Log of Boring No. GP-10

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br>**SAND (SP):** yellowish brown, dry, sand is fine grained, clean, loose. | | | | | | |
| 5 | | | | | | | | |
| 10 | | -At 10' grades trace light gray, weathered fragments of igneous clasts. | | | | | | |
| | | **Qal (?)**<br>**SAND (SW):** light gray to light yellowish brown, dry, sand is fine to coarse grained, trace angular (fragments) pebble gravel, sand&gravel fragment from igneous clasts. | | | | | | |
| 15 | | | | | | | | |
| | | **SAND (SP):** yellowish brown, dry, sand is fine to medium grained, trace (angular) pebble-sized gravel (fragments from igneous clasts). | | | | | | |
| 20 | | TD=20 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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**05-41-216-02**

Drawing No.
**GP-10**

# Log of Boring No. GP-11

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE<br>**FILL:**<br>**SAND (SP):** yellowish brown, dry, sand is fine to medium grained, trace pebble gravel, clean to trace silt. | | | | | | |
| 5 | | **Qal (?)**<br>**SANDY GRAVEL (GP):** light gray, dry, gravel is pebble-sized fragments of igneous clasts, sand is very fine to fine grained fragments from ingeous clasts. | | | | | | |
| 10 | | **GRAVELLY SAND (SW):** light yellowish brown to light gray, dry, sand is fine to coarse grained, gravel is pebble-sized angular fragments from igneous clasts. | | | | | | |
| 15 | | | | | | | | |
| 20 | | TD=20 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-11

# Log of Boring No. GP-12

Dates Drilled: 7/29/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE | | | | | | |
| | | **FILL:**<br>**SAND (SW):** yellowish brown, dry, sand is fine to coarse grained, with pebble-sized subrounded gravel and fragments of igneous clasts. | | | | | | |
| 5 | | **Qal (?)**<br>**SAND (SP):** light yellowish brown to light gray, dry, sand is fine to medium grained, some to with pebble-sized angular gravel fragments from igneous clasts, trace silt. | | | | | | |
| 10 | | | | | | | | |
| 15 | | **SAND (SW):** dark yellowish brown, dry, sand is fine to coarse grained, trace pebble gravel, clean to trace silt. | | | | | | |
| 20 | | **GRAVELLY SAND (SW):** light gray, dry, sand is fine to coarse grained fragments from igneous clasts, gravel is angular pebble-size fragments from igneous clasts. | | | | | | |
| | | TD=20 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-12

# Log of Boring No. GP-13

Dates Drilled: 7/29/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE<br>**FILL:**<br>**SAND (SP):** dark brown, dry to moist, sand is fine grained, trace pebble gravel, trace silt. | | | | | | |
| 5 | | **Qal (?)**<br>**GRAVELLY SAND (SW):** light gray to light yellowish brown, dry, sand is fine to coarse grained, (some angular fragments from igneous clasts), gravel is angular pebble-sized fragments from igneous clasts. | | | | | | |
| 10 | | -At 10'-grades gray. | | | | | | |
| 15 | | -Refusal at 16 feet. | | | | | | |
| | | TD=16 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-13

# Log of Boring No. GP-14

Dates Drilled: 7/29/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br>**SAND (SP):** yellowish brown, dry, sand is very fine to medium grained, some subrounded pebble gravel and angular pebble-sized gravel fragments from igneous clasts. | | | | | | |
| 5<br>10 | | **Qal (?)**<br>**GRAVELLY SAND (SW):** light gray, dry, sand is fine to coarse grained angular fragments from igneous clasts, gravel is angular pebble-sized fragments from igneous clasts, trace to some silt. | | | | | | |
| | | TD=13 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-14

# Log of Boring No. GP-15

Dates Drilled: 7/29/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE<br>**FILL:**<br>**SAND (SP):** dark yellowish brown, moist, sand is fine grained, trace silt. | | | | | | |
| 5 | | **Qal (?)**<br>-At 4 1/2 grades grayish brown.<br>**SAND (SP):** very dark brown, dry to moist, sand is fine to medium grained, some silt, trace pebble gravel. | | | | | | |
| 10 | | -At 10' feet no sample recovered. | | | | | | |
| 15 | | -Refusal at 15 feet. | | | | | | |
| | | TD=15 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-15

# Log of Boring No. GP-16

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | CONCRETE | | | | | | |
| | | **FILL:**<br>**SAND (SP):** dark yellowish brown,, dry, sand is fine to medium grained, trace pebble gravel, trace silt. | | | | | | |
| | | **Qal (?)** | | | | | | |
| 5 | | **GRAVELLY SAND (SP):** light gray, dry, sand is fine to medium grained fragments of igneous clasts, gravel is angular pebble-sized gravel fragments of igneous clasts.<br>-Refusal at 8' bgs. | | | | | | |
| | | TD=8 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-16

# Log of Boring No. GP-17

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br>**SAND (SP):** light yellowish brown, dry, sand is very fine to fine grained, some pebble gravel, trace dried grasses. | | | | | | |
| 5 | | -At 5'-grades trace gravel. | | | | | | |
| | | **Qal (?)**<br>**SAND (SW):** light gray, dry, sand is fine to coarse grained, trace silt, some pebble-sized angular fragments from igneous clasts. | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-17

# Log of Boring No. GP-18

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br>**SAND (SP):** yellowish brown, dry, sand is fine to medium grained, trace silt, trace pebble-sized angular fragments of igneous clasts. | | | | | | |
| 5 | | | | | | | | |
| | | **Qal (?)**<br>**GRAVELLY SAND (SW):** light yellowish brown to light gray, dry, sand is fine to coarse grained, gravel is pebble-sized angular fragments of igneous clasts. | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
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# Log of Boring No. GP-19

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br>**SAND (SP):** yellowish brown to reddish brown, dry, sand is fine grained, trace silt, trace angular fragments of pebble gravel. | | | | | | |
| 5 | | -At 5'-grades light gray and some angular pebble gravel fragments. | | | | | | |
| | | **Qal (?)**<br>**SILTY SAND (SM):** light gray, dry, sand is very fine grained, some angular pebble-sized gravel fragments, sand & gravel from igneous clasts. | | | | | | |
| 10 | | TD=10 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-19

# Log of Boring No. GP-20

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | -Initial attemps-refusal at 14' on igneous clasts.<br><br>-No sampling at 2' 5' and 10' bgs. | | | | | | |
| 5 | | | | | | | | |
| 10 | | | | | | | | |
| | | -Refusal at 14' bgs. | | | | | | |
| | | TD=14 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-20

# Log of Boring No. GP-21

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | -Probe advanced from 9.5 feet to 15 feet bgs without sampling. | | | | | | |
| 5 | | | | | | | | |
| 10 | | | | | | | | |
| 15 | | **GRAVELLY SAND (SW):** light gray, dry, sand is fine to coarse grained, gravel is pebble-sized angular fragments from igneous clasts, trace dark yellowish brown silty sand. | | | | | | |
| | | TD=15.5 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

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Drawing No.
GP-21

# Log of Boring No. GP-21A

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br>**SAND (SP):** pale gray, dry, sand is fine grained concrete fragments, trace pebble gravel-sized concrete fragments. | | | | | | |
| 5 | | **SAND (SW):** brown, dry, sand is fine to coarse grained, some pebble gravel (subrounded and angular fragments), trace silt, trace grasses. | | | | | | |
| 10 | | **SAND AND GRAVEL (SW-GP):** light gray to pale brown, dry, sand is fine to coarse grained fragments of igneous clasts, gravel is pebble-sized angular fragments of igneous clasts. | | | | | | |
| | | TD=14 FEET (Refusal).<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

Converse Consultants

Project Name
CITY OF IRWINDALE
SHANNON CASKETS

Project No.
05-41-216-02

Drawing No.
GP-21A

# Log of Boring No. GP-22

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | -Probe advanced from ground surface to 15' bgs without sampling. | | | | | | |
| 5 | | | | | | | | |
| 10 | | | | | | | | |
| 15 | | **Qal (?)**<br>**SILTY SAND (SM):** light gray, dry, sand is very fine fragments from igneous clasts. | | | | | | |
| 20 | | **GRAVEL (GP):** light gray, gravel is pebble-sized angular fragments of igneous clasts, some fine to coarse grained sand. | | | | | | |
| 25 | | TD=25 FEET (Refusal).<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

Converse Consultants

Project Name
**CITY OF IRWINDALE**
**SHANNON CASKETS**

Project No.
**05-41-216-02**

Drawing No.
**GP-22**

# Log of Boring No. GP-22A

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | **FILL:**<br>**SAND (SP):** brown, dry, sand is very fine to fine grained, trace pebble gravel, trace silt. | | | | | | |
| 5 | | **SANDY GRAVEL (GP):** light gray, dry, gravel is pebble-sized fragments of igneous clasts, sand is fine to coarse grained fragments of igneous clasts. | | | | | | |
| 10 | | **SAND (SW):** pale brown, dry, sand is fine to coarse grained, trace pebble gravel, clean to trace silt. | | | | | | |
| 15 | | **Qal (?)**<br>**SAND (SP):** light gray, dry, sand is fine to fine grained fragments of igneous clasts, some angular pebble-sized gravel fragments from igneous clasts. | | | | | | |
| | | TD=17 FEET (Refusal).<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

Converse Consultants

Project Name
CITY OF IRWINDALE
SHANNON CASKETS

Project No.
05-41-216-02

Drawing No.
GP-22A

# Log of Boring No. GP-23

Dates Drilled: 7/28/2005 Logged by: DDB Checked By: DDB

Equipment: GEOPROBE Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A Depth to Water (ft): NOT ENCOUNTERED

| Depth (ft) | Graphic Log | SUMMARY OF SUBSURFACE CONDITIONS<br>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered. | SAMPLES DRIVE | SAMPLES BULK | BLOWS | MOISTURE (%) | DRY UNIT WT. (pcf) | OTHER |
|---|---|---|---|---|---|---|---|---|
| | | -Probe advanced from ground surface to 15' bgs without sampling. | | | | | | |
| 5 | | | | | | | | |
| 10 | | | | | | | | |
| 15 | | **FILL:**<br>**SAND (SW):** dark yellowish brown, dry to moist, sand is fine to coarse grained, some pebble gravel, trace silt, trace brick fragments. | | | | | | |
| 20 | | **Qal (?)**<br>**GRAVELLY SAND (SW):** brown, dry to moist, sand is fine to coarse grained, gravel is pebble-sized angular fragments of igneous clasts. | | | | | | |
| 25 | | -At 25'- grades light gray and dry. | | | | | | |
| | | TD=25 FEET.<br>NO GROUNDWATER ENCOUNTERED.<br>BACKFILLED WITH BENTONITE. | | | | | | |

Converse Consultants

Project Name
CITY OF IRWINDALE
SHANNON CASKETS

Project No.
05-41-216-02

Drawing No.
GP-23

# Summary Tables

# Appendix C

**TPH Summary Table**
**(Gasoline and Diesel)**
EPA Method 8015M
(mg/kg)

| Sample ID | MSSL (20-150 feet) | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-10 | GP9-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| TPH as Gasoline and Light HC (C4-C12) | 500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 |
| TPH as Diesel (C13-C22) | 1,000 | ND<5.0 | ND<5.0 | **15.3** | ND<5.0 | ND<5.0 | **7.63J** | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| TPH as Heavy Hydrocarbons (C23-C40) | 10,000 | ND<5.0 | ND<5.0 | **66.0** | ND<5.0 | ND<5.0 | **64.3** | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| TPH Total as Diesel and Heavy HC (C13-C40) | | ND<5.0 | ND<5.0 | **81.3** | ND<5.0 | ND<5.0 | **71.9** | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |

**TPH Summary Table**
**(Gasoline and Diesel)**
EPA Method 8015M
(mg/kg)

| Sample ID | MSSL (20-150 feet) | GP11-10 | GP16-1 | GP16-5 | GP17-1 | GP17-10 | GP17-5 | GP18-1 | GP18-10 | GP18-5 | GP19-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| TPH as Gasoline and Light HC (C4-C12) | 500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 |
| TPH as Diesel (C13-C22) | 1,000 | ND<5.0 | ND<5.0 | ND<5.0 | **34.1** | ND<5.0 | **7.36J** | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| TPH as Heavy Hydrocarbons (C23-C40) | 10,000 | ND<5.0 | ND<5.0 | ND<5.0 | **613** | ND<5.0 | **195** | **93.0** | **20.3** | **22.6** | **12.6** |
| TPH Total as Diesel and Heavy HC (C13-C40) | | ND<5.0 | ND<5.0 | ND<5.0 | **647** | ND<5.0 | **202** | **97.8** | **21.6** | **23.8** | **14.1** |

**TPH Summary Table**
**(Gasoline and Diesel)**
EPA Method 8015M
(mg/kg)

| Sample ID | MSSL (20-150 feet) | GP19-10 | GP19-5 | GP21-15 | GP21A-1 | GP21A-10 | GP21A-5 | GP22A-1 | GP22A-10 | GP22A-5 | GP23-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| TPH as Gasoline and Light HC (C4-C12) | 500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 |
| TPH as Diesel (C13-C22) | 1,000 | ND<5.0 | ND<5.0 | **134** | **6.98J** | ND<5.0 | **6.45J** | **5.97J** | ND<5.0 | ND<5.0 | **133** |
| TPH as Heavy Hydrocarbons (C23-C40) | 10,000 | ND<5.0 | ND<5.0 | **201** | **63.7** | ND<5.0 | **137** | **39.3** | ND<5.0 | ND<5.0 | **1,220** |
| TPH Total as Diesel and Heavy HC (C13-C40) | | ND<5.0 | ND<5.0 | **335** | **70.7** | ND<5.0 | **143** | **45.3** | ND<5.0 | ND<5.0 | **1,350** |

**TPH Summary Table**
**(Gasoline and Diesel)**
EPA Method 8015M
(mg/kg)

| Sample ID | MSSL (20-150 feet) | GP23-20 | GP23-25 |
|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 |
| TPH as Gasoline and Light HC (C4-C12) | 500 | ND<0.500 | ND<0.500 |
| TPH as Diesel (C13-C22) | 1,000 | **28.9** | **20.9** |
| TPH as Heavy Hydrocarbons (C23-C40) | 10,000 | **434** | **56.9** |
| TPH Total as Diesel and Heavy HC (C13-C40) | | **463** | **77.8** |

# VOC Summary Table
EPA Method 8260
(ug/kg)

| Sample ID | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-5 | GP11-10 | GP16-1 | GP16-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34219 | 34219 | 34219 |
| Acetone | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Benzene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | **2.1J** | ND<2.0 |
| Bromobenzene (Phenyl bromide) | ug/Kg | 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 |
| Bromochloromethane | ug/Kg | 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 |
| Bromodichloromethane | ug/Kg | 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 |
| Bromoform (Tribromomethane) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Bromomethane (Methyl bromide) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Butanone (MEK) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| n-Butylbenzene | ug/Kg | 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 |
| sec-Butylbenzene | ug/Kg | 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 |
| tert-Butylbenzene | ug/Kg | 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 |
| Carbon Disulfide | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Carbon tetrachloride | ug/Kg | 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 |
| Chlorobenzene | ug/Kg | 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 |
| Chloroethane | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Chloroethyl vinyl ether | ug/Kg | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| Chloroform (Trichloromethane) | ug/Kg | 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 |
| Chloromethane (Methyl chloride) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Chlorotoluene | ug/Kg | 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 |
| 4-Chlorotoluene | ug/Kg | 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 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Dibromochloromethane | ug/Kg | 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 |
| 1,2-Dibromoethane (EDB) | ug/Kg | 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 |
| Dibromomethane | ug/Kg | 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 |
| 1,2-Dichlorobenzene | ug/Kg | 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 |
| 1,3-Dichlorobenzene | ug/Kg | 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 |
| 1,4-Dichlorobenzene | ug/Kg | 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 |
| Dichlorodifluoromethane | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 1,1-Dichloroethane | ug/Kg | 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 |
| 1,2-Dichloroethane (EDC) | ug/Kg | 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 |
| 1,1-Dichloroethene | ug/Kg | 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 |

**VOC Summary Table**
EPA Method 8260
(ug/kg)

| Sample ID | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-5 | GP11-10 | GP16-1 | GP16-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34219 | 34219 | 34219 |
| cis-1,2-Dichloroethene | ug/Kg | 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 |
| trans-1,2-Dichloroethene | ug/Kg | 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 |
| 1,2-Dichloropropane | ug/Kg | 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 |
| 1,3-Dichloropropane | ug/Kg | 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 |
| 2,2-Dichloropropane | ug/Kg | 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 |
| 1,1-Dichloropropene | ug/Kg | 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 |
| cis-1,3-Dichloropropene | ug/Kg | 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 |
| trans-1,3-Dichloropropene | ug/Kg | 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 |
| Ethylbenzene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| Hexachlorobutadiene | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Hexanone | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Isopropylbenzene | ug/Kg | 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 |
| p-Isopropyltoluene | ug/Kg | 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 |
| 4-Methyl-2-pentanone (MIBK) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Methylene chloride (DCM) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Naphthalene | ug/Kg | 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 |
| n-Propylbenzene | ug/Kg | 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 |
| Styrene | ug/Kg | 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 |
| 1,1,1,2-Tetrachloroethane | ug/Kg | 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 |
| 1,1,2,2-Tetrachloroethane | ug/Kg | 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 |
| Tetrachloroethene | ug/Kg | 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 |
| Toluene (Methyl benzene) | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| 1,2,3-Trichlorobenzene | ug/Kg | 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 |
| 1,2,4-Trichlorobenzene | ug/Kg | 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 |
| 1,1,1-Trichloroethane | ug/Kg | 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 |
| 1,1,2-Trichloroethane | ug/Kg | 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 |
| Trichloroethene | ug/Kg | 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 |
| Trichlorofluoromethane | ug/Kg | 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 |
| 1,2,3-Trichloropropane | ug/Kg | 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 |
| 1,2,4-Trimethylbenzene | ug/Kg | 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 |
| 1,3,5-Trimethylbenzene | ug/Kg | 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 |

**VOC Summary Table**
EPA Method 8260
(ug/kg)

| Sample ID | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-5 | GP11-10 | GP16-1 | GP16-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34219 | 34219 | 34219 |
| Vinyl Acetate | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Vinyl chloride (Chloroethene) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| o-Xylene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| m,p-Xylenes | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| tert-Butyl alcohol (TBA) | ug/Kg | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 |
| Diisopropyl ether (DIPE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| Ethyl alcohol (Ethanol) | ug/Kg | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 |
| Ethyl-tert-butyl ether (ETBE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| Methyl-tert-butyl ether (MTBE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| tert-Amyl methyl ether (TAME) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |

**PCB Summary Table**
EPA Method 8082

| Sample ID | Units | GP17-1 | GP17-10 | GP17-5 | GP18-1 | GP18-10 | GP18-5 | GP19-1 | GP19-10 | GP19-5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| Aroclor-1016 (PCB-1016) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1221 (PCB-1221) | ug/Kg | ND<140 | ND<70 | ND<140 | ND<70 | ND<70 | ND<70 | ND<70 | ND<70 | ND<70 |
| Aroclor-1232 (PCB-1232) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1242 (PCB-1242) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1248 (PCB-1248) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1254 (PCB-1254) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1260 (PCB-1260) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1262 (PCB-1262) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1268 (PCB-1268) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |

# Title 22 Metals Summary Table

EPA Method 6010B/7000

(mg/kg)

| Sample ID | PRG-r mg/kg | STLC Limit mg/L | TCLP Limit mg/L | TTLC Limit mg/Kg | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-10 | GP9-5 | GP11-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | | | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34219 |
| Antimony | 3.1 | 15 | | 500 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Arsenic | 0.062 | 5.0 | 5.0 | 500 | **6.45** | ND<1.0 | **5.25** | **9.15** | ND<1.0 | **2.00J** | **3.85J** | **3.30J** | **4.15J** | **1.00J** | **6.00** |
| Barium | 5,400 | 100 | 100 | 10,000 | **75.5** | **284** | **78.5** | **74.5** | **43.9** | **72.5** | **57.5** | **69.0** | **51.5** | **39.4** | **41.4** |
| Beryllium | 150 | 0.75 | | 75 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Cadmium | 37 | 1.0 | 1.0 | 100 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Chromium | 210 | 5 | 5.0 | 2,500 | **7.90** | **3.10J** | **20.7** | **7.85** | **5.30** | **10.3** | **10.3** | **11.7** | **10.1** | **4.80J** | **6.30** |
| Cobalt | 900 | 80 | | 8,000 | **6.30** | **4.15J** | **6.00** | **3.95J** | **3.55J** | **4.30J** | **6.35** | **6.15** | **3.45J** | **6.25** | **3.45J** |
| Copper | 3,100 | 25 | | 2,500 | **18.5** | **9.05** | **26.0** | **10.2** | **9.20** | **18.4** | **14.0** | **12.2** | **8.05** | **8.50** | **8.60** |
| Lead | 150 | 5.0 | 5.0 | 1,000 | **4.05J** | ND<2.5 | **4.70J** | **2.50J** | **2.55J** | **26.4** | **3.85J** | **3.85J** | **ND<2.5** | **4.30J** | **4.00J** |
| Mercury (By EPA 7471) | 6.1 | 0.2 | 0.2 | 20 | ND<0.1 | ND<0.1 | ND<0.1 | **0.195J** | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 |
| Molybdenum | 390 | 350 | | 3,500 | ND<2.5 | ND<2.5 | 3.45J | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | **2.85J** |
| Nickel | 1,600 | 20 | | 2,000 | **7.85** | **4.55J** | **12.1** | **8.55** | **4.50J** | **6.60** | **8.40** | **9.00** | **6.85** | **3.90J** | **4.90J** |
| Selenium | 390 | 1.0 | 1.0 | 100 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Silver | 390 | 5 | 5.0 | 500 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Thallium | 5.2 | 70 | | 700 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Vanadium | 78 | 24 | | 2,400 | **20.8** | **12.2** | **20.2** | **14.1** | **10.8** | **13.1** | **19.6** | **17.2** | **10.6** | **20.2** | **10.1** |
| Zinc | 23,000 | 250 | | 5,000 | **30.5** | **27.6** | **359** | **27.4** | **21.9** | **82.0** | **37.7** | **32.7** | **19.7** | **26.6** | **38.7** |

# Title 22 Metals Summary Table

EPA Method 6010B/7000

(mg/kg)

| Sample ID | PRG-r mg/kg | STLC Limit mg/L | TCLP Limit mg/L | TTLC Limit mg/Kg | GP16-1 | GP16-5 | GP21-15 | GP21A-1 | GP21A-10 | GP21A-5 | GP22A-1 | GP22A-10 | GP22A-5 | GP23-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | | | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| Antimony | 3.1 | 15 | | 500 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Arsenic | 0.062 | 5.0 | 5.0 | 500 | **3.90J** | **3.10J** | **7.15** | **2.25J** | **3.10J** | **4.60J** | **2.30J** | **4.75J** | **8.55** | **3.55J** |
| Barium | 5,400 | 100 | 100 | 10,000 | **72.0** | **108** | **160** | **85.0** | **53.5** | **26.4** | **96.5** | **38.0** | **36.9** | **66.5** |
| Beryllium | 150 | 0.75 | | 75 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Cadmium | 37 | 1.0 | 1.0 | 100 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | **2.75** | ND<1.3 | ND<1.3 | ND<1.3 |
| Chromium | 210 | 5 | 5.0 | 2,500 | **12.6** | **11.3** | **36.7** | **10.3** | **4.75J** | **4.05J** | **12.0** | **6.65** | **6.55** | **8.20** |
| Cobalt | 900 | 80 | | 8,000 | **7.50** | **10.1** | **4.10J** | **6.10** | **3.65J** | **2.80J** | **8.00** | **3.60J** | **3.80J** | **3.55J** |
| Copper | 3,100 | 25 | | 2,500 | **16.6** | **77.0** | **13.8** | **112** | **35.0** | **6.65** | **110** | **9.15** | **11.3** | **14.4** |
| Lead | 150 | 5.0 | 5.0 | 1,000 | **6.65** | ND<2.5 | **238** | **610** | ND<2.5 | **2.85J** | **41.3** | **2.60J** | **3.25J** | **56.5** |
| Mercury (By EPA 7471) | 6.1 | 0.2 | 0.2 | 20 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 |
| Molybdenum | 390 | 350 | | 3,500 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | **2.85J** | ND<2.5 | ND<2.5 | ND<2.5 |
| Nickel | 1,600 | 20 | | 2,000 | **10.5** | **8.35** | **5.70** | **8.25** | **3.75J** | **3.50J** | **20.6** | **5.00** | **4.85J** | **6.15** |
| Selenium | 390 | 1.0 | 1.0 | 100 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Silver | 390 | 5 | 5.0 | 500 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Thallium | 5.2 | 70 | | 700 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Vanadium | 78 | 24 | | 2,400 | **22.6** | **35.4** | **10.4** | **18.5** | **12.0** | **8.50** | **22.4** | **11.0** | **10.8** | **14.6** |
| Zinc | 23,000 | 250 | | 5,000 | **42.8** | **39.2** | **22.1** | **73.0** | **23.1** | **17.6** | **126** | **21.4** | **25.5** | **44.1** |

**Title 22 Metals Summary Table**
EPA Method 6010B/7000
(mg/kg)

| Sample ID | PRG-r mg/kg | STLC Limit mg/L | TCLP Limit mg/L | TTLC Limit mg/Kg | GP23-20 | GP23-25 |
|---|---|---|---|---|---|---|
| Sample Date | | | | | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | | | | 34219 | 34219 |
| Antimony | 3.1 | 15 | | 500 | ND<1.0 | ND<1.0 |
| Arsenic | 0.062 | 5.0 | 5.0 | 500 | **5.70** | **2.15J** |
| Barium | 5,400 | 100 | 100 | 10,000 | **64.5** | **48.2** |
| Beryllium | 150 | 0.75 | | 75 | ND<1.3 | ND<1.3 |
| Cadmium | 37 | 1.0 | 1.0 | 100 | ND<1.3 | ND<1.3 |
| Chromium | 210 | 5 | 5.0 | 2,500 | **30.7** | **22.7** |
| Cobalt | 900 | 80 | | 8,000 | **5.20** | ND<2.5 |
| Copper | 3,100 | 25 | | 2,500 | **19.6** | **4.80J** |
| Lead | 150 | 5.0 | 5.0 | 1,000 | **28.8** | **11.1** |
| Mercury (By EPA 7471) | 6.1 | 0.2 | 0.2 | 20 | ND<0.1 | ND<0.1 |
| Molybdenum | 390 | 350 | | 3,500 | ND<2.5 | **4.80J** |
| Nickel | 1,600 | 20 | | 2,000 | **16.8** | **4.65J** |
| Selenium | 390 | 1.0 | 1.0 | 100 | ND<1.0 | ND<1.0 |
| Silver | 390 | 5 | 5.0 | 500 | ND<2.5 | ND<2.5 |
| Thallium | 5.2 | 70 | | 700 | ND<1.0 | ND<1.0 |
| Vanadium | 78 | 24 | | 2,400 | **17.7** | **3.80J** |
| Zinc | 23,000 | 250 | | 5,000 | **47.9** | **20.7** |

**Lead Summary Table**
EPA Method 6010
(mg/kg)

| Sample ID | PRG-r mg/kg | STLC Limit mg/L | TCLP Limit mg/L | TTLC Limit mg/Kg | GP1-2 | GP1-5 | GP2-2 | GP2-5 | GP3-2 | GP3-5 | GP4-2 | GP4-5 | GP5-2 | GP5-5 | GP6-2 | GP6-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | | | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| Lead | 150 | 5.0 | 5.0 | 1,000 | **10.3** | ND<2.5 | **4.90J** | **4.15J** | **12.3** | **2.70J** | **8.95** | **3.15J** | **5.50** | ND<2.5 | **32.7** | **34.5** |

# Analytical Reports & Chain of Custody Documentation

# Appendix D

# American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com


**Ordered By**

Converse Consultants
222 E. Huntington Drive Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attention: Laura Tanaka

Number of Pages 27
Date Received 07/28/2005
Date Reported 08/05/2005

| Job Number | Order Date | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

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**Project ID:** 05-16-216-02
**Project Name:** Shannon Caskets
**Site:** 15744 Arrow Hwy
Irwindale, CA 91706

Enclosed please find results of analyses of 22 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.
2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

# CHAIN OF CUSTODY RECORD

№ 39754

AETL JOB No. 34218



COMPANY: Converse Consultants
PHONE: 626-930-1200
PROJECT MANAGER: Laura Tanaka
FAX: 626-930-1212
PROJECT NAME: Shannon Gaskets
PROJECT #: 05-16-216-02
SITE NAME AND ADDRESS: 15744 Arrow Hwy, Irwindale CA

| | SAMPLE ID | LAB ID | DATE | TIME | MATRIX | CONTAINER NUMBER/SIZE | PRES. | 8015m TPHg | 8015m TPHd | 8015m TPHoc | 6010 Metals | 8260 VOC's | 8082 PCB's | 6010 Lead only | ARCHIVE | | TEST INSTRUCTIONS & COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6P1- 2 | 34218.01 | 7/28/05 | 8:10 | SOIL | 1 sleeve | ICE | | | | | | | X | | | |
| 2 | 5 | 34218.02 | | 8:12 | | | | | | | | | | X | | | |
| 3 | 10 | 34218.03 | | 8:26 | | | | | | | | | | | X | | |
| 4 | 6P2- 2 | 34218.04 | | 9:20 | | | | | | | | | | X | | | |
| 5 | 5 | 34218.05 | | 9:23 | | | | | | | | | | X | | | |
| 6 | 10 | 34218.06 | | 9:34 | | | | | | | | | | | X | | |
| 7 | 6P3- 2 | 34218.07 | | 9:02 | | | | | | | | | | X | | | |
| 8 | 5 | 34218.08 | | 9:03 | | | | | | | | | | X | | | |
| 9 | 10 | 34218.09 | | 9:10 | | | | | | | | | | | X | | |
| 10 | 6P4 -2 | 34218.10 | | 8:30 | | | | | | | | | | X | | | |
| 11 | 5 | 34218.11 | | 8:40 | | | | | | | | | | X | | | |
| 12 | 10 | 34218.12 | | 8:52 | | | | | | | | | | | X | | |
| 13 | 6P5- 2 | 34218.13 | | 7:50 | | | | | | | | | | X | | | |
| 14 | 5 | 34218.14 | | 7:51 | | | | | | | | | | X | | | |
| 15 | 10 | 34218.15 | | 8:00 | | | | | | | | | | | X | | |

ANALYSIS REQUESTED

Need 5 day TAT Please

## SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

| | | | |
|---|---|---|---|
| TOTAL NUMBER OF CONTAINERS | 15 | PROPERLY COOLED (Y) N / NA | |
| CUSTODY SEALS Y / N / (NA) | | SAMPLES INTACT (Y) N / NA | |
| RECEIVED IN GOOD COND. (Y) N | | SAMPLES ACCEPTED (Y) N | |

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

| RELINQUISHED BY SAMPLER: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: | Signature: | Signature: |
| Printed Name: C.N.A. Rogers | Printed Name: | Printed Name: C. PADILLA |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 7/28/05 Time: 1700 |
| RECEIVED BY: 1. | RECEIVED BY: 2. | RECEIVED BY LABORATORY: 3. |
| Signature: | Signature: | Signature: |
| Printed Name: HAMILTON PADILLA | Printed Name: | Printed Name: |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 07/28/05 Time: 17:00 |

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

American Environmental Testing Laboratory Inc.
2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

# CHAIN OF CUSTODY RECORD

№ 39755

AETL JOB No. 34218



COMPANY: Conversi Consultants
PHONE: 626-930-1200
PROJECT MANAGER: Laura Hanahan
FAX: 626-930-1261
PROJECT NAME: Shannon Castelo
PROJECT #: 05-411-216-02
SITE NAME AND ADDRESS: 15744 Arrow Hwy, Irwindale CA

| | SAMPLE ID | LAB ID | DATE | TIME | MATRIX | CONTAINER NUMBER/SIZE | PRES. | 8015M TPHg | 8015M TPHd | 8015M TPHoe | 6010 Metals | 8260 VOC's | 8082 PCB's | 6010 Lead only | Archive | TEST INSTRUCTIONS & COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GP6- 2 | 34218.16 | 7/28/05 | 9:46 | SOIL | 1 sleeve | ICE | | | | | | | X | | |
| 2 | 5 | 34218.17 | | 9:44 | | | | | | | | | | X | | |
| 3 | 10 | 34218.18 | | 10:00 | | | | | | | | | | | X | |
| 4 | GP8 - 1 | 34218.19 | | 11:43 | | 1 sleeve/4 jars | | | | X | X | X | | | | |
| 5 | 5 | 34218.20 | | 11:50 | | | | | | X | X | X | | | | |
| 6 | GP9- 1 | 34218.21 | | 13:18 | | | | | | X | X | X | | | | |
| 7 | 5 | 34218.22 | | 13:25 | | | | | | X | X | X | | | | |
| 8 | 10 | 34218.23 | | 13:38 | | | | | | X | X | ~~X~~ | X | | | |
| 9 | GP 10 - 1 | 34218.24 | | 7:45 | | | | | | X | X | X | | | | |
| 10 | 5 | 34218.25 | | 7:52 | | | | | | X | X | X | | | | |
| 11 | 10 | 34218.26 | | 8:00 | | | | | | X | X | X | | | | |
| 12 | 15 | 34218.27 | | 8:05 | | | | | | | | | | | X | |
| 13 | 20 | 34218.28 | | 8:14 | | 1 sleeve | | | | | | | | | X | |
| 14 | GP11 - 1 | 34218.29 | | 8:30 | | 1 sleeve/4 jars | | | | X | X | X | | | | |
| 15 | 5 | 34218.30 | | 8:46 | | | | | | X | X | X | | | | |

Need 5 day turnaround

## SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

| | | | |
|---|---|---|---|
| TOTAL NUMBER OF CONTAINERS | 55 | PROPERLY COOLED (Y) N / NA | |
| CUSTODY SEALS Y / N (NA) | | SAMPLES INTACT (Y) N / NA | |
| RECEIVED IN GOOD COND (Y) N | | SAMPLES ACCEPTED (Y) N | |

## TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

| RELINQUISHED BY SAMPLER: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: | Signature: | Signature: |
| Printed Name: William Rasdale | Printed Name: | Printed Name: C Padilla |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 7/28/05 Time: 1700 |
| **RECEIVED BY: 1.** | **RECEIVED BY: 2.** | **RECEIVED BY LABORATORY: 3.** |
| Signature: | Signature: | Signature: |
| Printed Name: CHARLOTTE PADILLA | Printed Name: | Printed Name: Amy |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 07/28/05 Time: 17:00 |

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

TABLE
Summary of Soil Analytical Results for CAM Title 22 Metals (SW-846)
15744 Arrow Hwy Irwindale, CA 91706

**CAM Title 22 Metals (SW-846). Method: (6010B/7000CAM)**

| Sample ID | STLC Limit mg/L | TCLP Limit mg/L | TTLC Limit mg/Kg | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | | | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| Antimony | 15 | | 500 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Arsenic | 5.0 | 5.0 | 500 | mg/Kg | **6.45** | ND<1.0 | **5.25** | **9.15** | ND<1.0 | **2.00J** | **3.85J** | **3.30J** | **4.15J** |
| Barium | 100 | 100 | 10000 | mg/Kg | **75.5** | **284** | **78.5** | **74.5** | **43.9** | **72.5** | **57.5** | **69.0** | **51.5** |
| Beryllium | 0.75 | | 75 | mg/Kg | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Cadmium | 1.0 | 1.0 | 100 | mg/Kg | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Chromium | 5 | 5.0 | 2500 | mg/Kg | **7.90** | **3.10J** | **20.7** | **7.85** | **5.30** | **10.3** | **10.3** | **11.7** | **10.1** |
| Cobalt | 80 | | 8000 | mg/Kg | **6.30** | **4.15J** | **6.00** | **3.95J** | **3.55J** | **4.30J** | **6.35** | **6.15** | **3.45J** |
| Copper | 25 | | 2500 | mg/Kg | **18.5** | **9.05** | **26.0** | **10.2** | **9.20** | **18.4** | **14.0** | **12.2** | **8.05** |
| Lead | 5.0 | 5.0 | 1000 | mg/Kg | **4.05J** | ND<2.5 | **4.70J** | **2.50J** | **2.55J** | **26.4** | **3.85J** | **3.85J** | ND<2.5 |
| Mercury (By EPA 7471) | 0.2 | 0.2 | 20 | mg/Kg | ND<0.1 | ND<0.1 | ND<0.1 | **0.195J** | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 |
| Molybdenum | 350 | | 3500 | mg/Kg | ND<2.5 | ND<2.5 | **3.45J** | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Nickel | 20 | | 2000 | mg/Kg | **7.85** | **4.55J** | **12.1** | **8.55** | **4.50J** | **6.60** | **8.40** | **9.00** | **6.85** |
| Selenium | 1.0 | 1.0 | 100 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Silver | 5 | 5.0 | 500 | mg/Kg | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Thallium | 70 | | 700 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Vanadium | 24 | | 2400 | mg/Kg | **20.8** | **12.2** | **20.2** | **14.1** | **10.8** | **13.1** | **19.6** | **17.2** | **10.6** |
| Zinc | 250 | | 5000 | mg/Kg | **30.5** | **27.6** | **359** | **27.4** | **21.9** | **82.0** | **37.7** | **32.7** | **19.7** |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_6010B7000CAM.xls

TABLE
Summary of Soil Analytical Results for CAM Title 22 Metals (SW-846)
15744 Arrow Hwy Irwindale, CA 91706

**CAM Title 22 Metals (SW-846). Method: (6010B/7000CAM)**

| Sample ID | STLC Limit mg/L | GP9-5 |
|---|---|---|
| Sample Date | | 7/28/2005 |
| Laboratory Job Number | | 34218 |
| Antimony | 15 | ND<1.0 |
| Arsenic | 5.0 | **1.00J** |
| Barium | 100 | **39.4** |
| Beryllium | 0.75 | ND<1.3 |
| Cadmium | 1.0 | ND<1.3 |
| Chromium | 5 | **4.80J** |
| Cobalt | 80 | **6.25** |
| Copper | 25 | **8.50** |
| Lead | 5.0 | **4.30J** |
| Mercury (By EPA 7471) | 0.2 | ND<0.1 |
| Molybdenum | 350 | ND<2.5 |
| Nickel | 20 | **3.90J** |
| Selenium | 1.0 | ND<1.0 |
| Silver | 5 | ND<2.5 |
| Thallium | 70 | ND<1.0 |
| Vanadium | 24 | **20.2** |
| Zinc | 250 | **26.6** |

File: SO_6010B7000CAM.xls

TABLE
Summary of Soil Analytical Results for Lead, ICP
15744 Arrow Hwy Irwindale, CA 91706

**Lead, ICP. Method: (6010B.LEAD)**

| Sample ID | STLC Limit mg/L | TCLP Limit mg/L | TTLC Limit mg/Kg | Units | GP1-2 | GP1-5 | GP2-2 | GP2-5 | GP3-2 | GP3-5 | GP4-2 | GP4-5 | GP5-2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | | | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| Lead | 5.0 | 5.0 | 1000 | mg/Kg | **10.3** | ND<2.5 | **4.90J** | **4.15J** | **12.3** | **2.70J** | **8.95** | **3.15J** | **5.50** |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_6010B_LEAD.xls

TABLE
Summary of Soil Analytical Results for Lead, ICP
15744 Arrow Hwy Irwindale, CA 91706

**Lead, ICP. Method: (6010B.LEAD)**

| Sample ID | STLC Limit mg/L | GP5-5 | GP6-2 | GP6-5 |
|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 |
| Lead | 5.0 | ND<2.5 | **32.7** | **34.5** |

File: SO_6010B_LEAD.xls

TABLE

Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)

15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| Acetone | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Benzene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| Bromobenzene (Phenyl bromide) | ug/Kg | 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 |
| Bromochloromethane | ug/Kg | 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 |
| Bromodichloromethane | ug/Kg | 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 |
| Bromoform (Tribromomethane) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Bromomethane (Methyl bromide) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Butanone (MEK) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| n-Butylbenzene | ug/Kg | 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 |
| sec-Butylbenzene | ug/Kg | 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 |
| tert-Butylbenzene | ug/Kg | 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 |
| Carbon Disulfide | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Carbon tetrachloride | ug/Kg | 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 |
| Chlorobenzene | ug/Kg | 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 |
| Chloroethane | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Chloroethyl vinyl ether | ug/Kg | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| Chloroform (Trichloromethane) | ug/Kg | 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 |
| Chloromethane (Methyl chloride) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Chlorotoluene | ug/Kg | 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 |
| 4-Chlorotoluene | ug/Kg | 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 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Dibromochloromethane | ug/Kg | 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 |
| 1,2-Dibromoethane (EDB) | ug/Kg | 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 |
| Dibromomethane | ug/Kg | 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 |
| 1,2-Dichlorobenzene | ug/Kg | 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 |
| 1,3-Dichlorobenzene | ug/Kg | 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 |
| 1,4-Dichlorobenzene | ug/Kg | 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 |
| Dichlorodifluoromethane | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 1,1-Dichloroethane | ug/Kg | 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 |
| 1,2-Dichloroethane (EDC) | ug/Kg | 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 |
| 1,1-Dichloroethene | ug/Kg | 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 |

TABLE

Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)

15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| cis-1,2-Dichloroethene | ug/Kg | 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 |
| trans-1,2-Dichloroethene | ug/Kg | 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 |
| 1,2-Dichloropropane | ug/Kg | 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 |
| 1,3-Dichloropropane | ug/Kg | 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 |
| 2,2-Dichloropropane | ug/Kg | 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 |
| 1,1-Dichloropropene | ug/Kg | 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 |
| cis-1,3-Dichloropropene | ug/Kg | 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 |
| trans-1,3-Dichloropropene | ug/Kg | 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 |
| Ethylbenzene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| Hexachlorobutadiene | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Hexanone | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Isopropylbenzene | ug/Kg | 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 |
| p-Isopropyltoluene | ug/Kg | 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 |
| 4-Methyl-2-pentanone (MIBK) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Methylene chloride (DCM) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Naphthalene | ug/Kg | 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 |
| n-Propylbenzene | ug/Kg | 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 |
| Styrene | ug/Kg | 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 |
| 1,1,1,2-Tetrachloroethane | ug/Kg | 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 |
| 1,1,2,2-Tetrachloroethane | ug/Kg | 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 |
| Tetrachloroethene | ug/Kg | 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 |
| Toluene (Methyl benzene) | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| 1,2,3-Trichlorobenzene | ug/Kg | 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 |
| 1,2,4-Trichlorobenzene | ug/Kg | 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 |
| 1,1,1-Trichloroethane | ug/Kg | 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 |
| 1,1,2-Trichloroethane | ug/Kg | 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 |
| Trichloroethene | ug/Kg | 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 |
| Trichlorofluoromethane | ug/Kg | 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 |
| 1,2,3-Trichloropropane | ug/Kg | 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 |
| 1,2,4-Trimethylbenzene | ug/Kg | 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 |
| 1,3,5-Trimethylbenzene | ug/Kg | 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 |

TABLE
Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)
15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| Vinyl Acetate | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Vinyl chloride (Chloroethene) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| o-Xylene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| m,p-Xylenes | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| tert-Butyl alcohol (TBA) | ug/Kg | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 |
| Diisopropyl ether (DIPE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| Ethyl alcohol (Ethanol) | ug/Kg | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 |
| Ethyl-tert-butyl ether (ETBE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| Methyl-tert-butyl ether (MTBE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| tert-Amyl methyl ether (TAME) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_8260B.xls

TABLE
Summary of Soil Analytical Results for TPH as Diesel and Heavy Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Diesel and Heavy Hydrocarbons Using GC/FID. Method: (M8015D)**

| Sample ID | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-10 | GP9-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| TPH as Diesel (C13-C22) | mg/Kg | ND<5.0 | ND<5.0 | **15.3** | ND<5.0 | ND<5.0 | **7.63J** | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| TPH as Heavy Hydrocarbons (C23-C40) | mg/Kg | ND<5.0 | ND<5.0 | **66.0** | ND<5.0 | ND<5.0 | **64.3** | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| TPH Total as Diesel and Heavy HC.C13-C40 | mg/Kg | ND<5.0 | ND<5.0 | **81.3** | ND<5.0 | ND<5.0 | **71.9** | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_M8015D.xls

TABLE
Summary of Soil Analytical Results for TPH as Gasoline and Light Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Gasoline and Light Hydrocarbons Using GC/FID. Method: (M8015G)**

| Sample ID | Units | GP10-1 | GP10-10 | GP10-5 | GP11-1 | GP11-5 | GP8-1 | GP8-5 | GP9-1 | GP9-10 | GP9-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 | 34218 |
| TPH as Gasoline and Light HC. (C4-C12) | mg/Kg | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_M8015G.xls

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

**Telephone:** (626)930-1200
**Attn:** Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

**Page** 2
**Project ID:** 05-16-216-02
**Project Name:** Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

| Analytes | | | Lead | | | |
|---|---|---|---|---|---|---|
| Methods of Analyses | | | (6010B.LEAD) | | | |
| Date Prepared | | | 08/02/2005 | | | |
| Date Analyzed | | | 08/03/2005 | | | |
| Matrix | | | Soil | | | |
| QC Batch Number | | | 080205-1 | | | |
| Units | | | mg/Kg | | | |
| Method Detection Limit | | | 2.5 | | | |
| Practical Quantitation Limit | | | 5.0 | | | |
| Dilution Factor | | | 1 | | | |
| **Lab ID** | **Sample ID** | **Sampled** | **Results** | | | |
| 34218.01 | GP1-2 | 07/28/2005 | 10.3 | | | |
| 34218.02 | GP1-5 | 07/28/2005 | ND | | | |
| 34218.04 | GP2-2 | 07/28/2005 | 4.90J | | | |
| 34218.05 | GP2-5 | 07/28/2005 | 4.15J | | | |
| 34218.07 | GP3-2 | 07/28/2005 | 12.3 | | | |
| 34218.08 | GP3-5 | 07/28/2005 | 2.70J | | | |
| 34218.10 | GP4-2 | 07/28/2005 | 8.95 | | | |
| 34218.11 | GP4-5 | 07/28/2005 | 3.15J | | | |
| 34218.13 | GP5-2 | 07/28/2005 | 5.50 | | | |
| 34218.14 | GP5-5 | 07/28/2005 | ND | | | |
| 34218.16 | GP6-2 | 07/28/2005 | 32.7 | | | |
| 34218.17 | GP6-5 | 07/28/2005 | 34.5 | | | |
| N/A | Method Blank | 07/28/2005 | ND | | | |

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## ANALYTICAL RESULTS

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Attn: Laura Tanaka

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15744 Arrow Hwy
Irwindale, CA 91706

Page: 3

Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | Method Blank | 34218.19 | 34218.20 | 34218.21 | 34218.22 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Acetone | 25 | 50 | ND | ND | ND | ND | ND |
| Benzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromobenzene (Phenyl bromide) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromodichloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromoform (Tribromomethane) | 25 | 50 | ND | ND | ND | ND | ND |
| Bromomethane (Methyl bromide) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 25 | 50 | ND | ND | ND | ND | ND |
| n-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| sec-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| tert-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Carbon Disulfide | 25 | 50 | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloroethane | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chloroethyl vinyl ether | 50 | 50 | ND | ND | ND | ND | ND |
| Chloroform (Trichloromethane) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloromethane (Methyl chloride) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane (DBCP) | 25 | 50 | ND | ND | ND | ND | ND |
| Dibromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane (EDB) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Dibromomethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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## ANALYTICAL RESULTS



Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | Method Blank | 34218.19 | 34218.20 | 34218.21 | 34218.22 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Dichlorodifluoromethane | 15 | 30 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane (EDC) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Ethylbenzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Hexanone | 25 | 50 | ND | ND | ND | ND | ND |
| Isopropylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| p-Isopropyltoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 25 | 50 | ND | ND | ND | ND | ND |
| Methylene chloride (DCM) | 25 | 50 | ND | ND | ND | ND | ND |
| Naphthalene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| n-Propylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Styrene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Toluene (Methyl benzene) | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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# ANALYTICAL RESULTS



Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | Method Blank | 34218.19 | 34218.20 | 34218.21 | 34218.22 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| 1,3,5-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Vinyl Acetate | 25 | 50 | ND | ND | ND | ND | ND |
| Vinyl chloride (Chloroethene) | 15 | 30 | ND | ND | ND | ND | ND |
| o-Xylene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| m,p-Xylenes | 2.0 | 20.0 | ND | ND | ND | ND | ND |
| tert-Butyl alcohol (TBA) | 20 | 500 | ND | ND | ND | ND | ND |
| Diisopropyl ether (DIPE) | 5 | 10 | ND | ND | ND | ND | ND |
| Ethyl alcohol (Ethanol) | 100 | 500 | ND | ND | ND | ND | ND |
| Ethyl-tert-butyl ether (ETBE) | 5 | 10 | ND | ND | ND | ND | ND |
| Methyl-tert-butyl ether (MTBE) | 5 | 10 | ND | ND | ND | ND | ND |
| tert-Amyl methyl ether (TAME) | 5 | 10 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | | **34218.19** | **34218.20** | **34218.21** | **34218.22** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 117 | 118 | 117 | 114 | 117 |
| Dibromofluoromethane | 75-125 | | 107 | 118 | 120 | 118 | 115 |
| Toluene-d8 | 75-125 | | 117 | 108 | 109 | 108 | 110 |

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## ANALYTICAL RESULTS

**Ordered By**

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**Site**

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | 34218.24 | 34218.25 | 34218.26 | 34218.29 | 34218.30 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP10-1 | GP10-5 | GP10-10 | GP11-1 | GP11-5 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Acetone | 25 | 50 | ND | ND | ND | ND | ND |
| Benzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromobenzene (Phenyl bromide) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromodichloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromoform (Tribromomethane) | 25 | 50 | ND | ND | ND | ND | ND |
| Bromomethane (Methyl bromide) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 25 | 50 | ND | ND | ND | ND | ND |
| n-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| sec-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| tert-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Carbon Disulfide | 25 | 50 | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloroethane | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chloroethyl vinyl ether | 50 | 50 | ND | ND | ND | ND | ND |
| Chloroform (Trichloromethane) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloromethane (Methyl chloride) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane (DBCP) | 25 | 50 | ND | ND | ND | ND | ND |
| Dibromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane (EDB) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Dibromomethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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## ANALYTICAL RESULTS



Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | 34218.24 | 34218.25 | 34218.26 | 34218.29 | 34218.30 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP10-1 | GP10-5 | GP10-10 | GP11-1 | GP11-5 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Dichlorodifluoromethane | 15 | 30 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane (EDC) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Ethylbenzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Hexanone | 25 | 50 | ND | ND | ND | ND | ND |
| Isopropylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| p-Isopropyltoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 25 | 50 | ND | ND | ND | ND | ND |
| Methylene chloride (DCM) | 25 | 50 | ND | ND | ND | ND | ND |
| Naphthalene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| n-Propylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Styrene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Toluene (Methyl benzene) | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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## ANALYTICAL RESULTS



Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | 34218.24 | 34218.25 | 34218.26 | 34218.29 | 34218.30 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP10-1 | GP10-5 | GP10-10 | GP11-1 | GP11-5 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| Analytes | MDL | PQL | Results | Results | Results | Results | Results |
| 1,3,5-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Vinyl Acetate | 25 | 50 | ND | ND | ND | ND | ND |
| Vinyl chloride (Chloroethene) | 15 | 30 | ND | ND | ND | ND | ND |
| o-Xylene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| m,p-Xylenes | 2.0 | 20.0 | ND | ND | ND | ND | ND |
| tert-Butyl alcohol (TBA) | 20 | 500 | ND | ND | ND | ND | ND |
| Diisopropyl ether (DIPE) | 5 | 10 | ND | ND | ND | ND | ND |
| Ethyl alcohol (Ethanol) | 100 | 500 | ND | ND | ND | ND | ND |
| Ethyl-tert-butyl ether (ETBE) | 5 | 10 | ND | ND | ND | ND | ND |
| Methyl-tert-butyl ether (MTBE) | 5 | 10 | ND | ND | ND | ND | ND |
| tert-Amyl methyl ether (TAME) | 5 | 10 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | **34218.24** | **34218.25** | **34218.26** | **34218.29** | **34218.30** |
| Surrogates | %Rec.Limit | | % Rec. | % Rec. | % Rec. | % Rec. | % Rec. |
| Bromofluorobenzene | 75-125 | | 115 | 119 | 113 | 119 | 115 |
| Dibromofluoromethane | 75-125 | | 116 | 120 | 118 | 120 | 107 |
| Toluene-d8 | 75-125 | | 108 | 109 | 104 | 104 | 101 |

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## ANALYTICAL RESULTS

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**Site**

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005**

| Our Lab I.D. | | | Method Blank | 34218.19 | 34218.20 | 34218.21 | 34218.22 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | | **34218.19** | **34218.20** | **34218.21** | **34218.22** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 85 | 86 | 88 | 88 | 77 |

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Page: 10

Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 080305**

| **Our Lab I.D.** | | | Method Blank | **34218.23** | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP9-10 | | | |
| Date Sampled | | | | 07/28/2005 | | | |
| Date Prepared | | | 08/03/2005 | 08/03/2005 | | | |
| Preparation Method | | | 5030B | 5030B | | | |
| Date Analyzed | | | 08/03/2005 | 08/03/2005 | | | |
| Matrix | | | Soil | Soil | | | |
| Units | | | mg/Kg | mg/Kg | | | |
| Dilution Factor | | | 1 | 1 | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | | | |
| **Our Lab I.D.** | | | | **34218.23** | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | | | |
| Bromofluorobenzene | 75-125 | | 92 | 89 | | | |

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005**

| **Our Lab I.D.** | | | **34218.24** | | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP10-1 | | | | |
| Date Sampled | | | 07/28/2005 | | | | |
| Date Prepared | | | 07/28/2005 | | | | |
| Preparation Method | | | 5035A | | | | |
| Date Analyzed | | | 07/30/2005 | | | | |
| Matrix | | | Soil | | | | |
| Units | | | mg/Kg | | | | |
| Dilution Factor | | | 1 | | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | | | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | | | | |
| **Our Lab I.D.** | | | **34218.24** | | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | | | | |
| Bromofluorobenzene | 75-125 | | 88 | | | | |

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 080105**

| **Our Lab I.D.** | | | Method Blank | **34218.25** | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP10-5 | | | |
| Date Sampled | | | | 07/28/2005 | | | |
| Date Prepared | | | 08/01/2005 | 07/28/2005 | | | |
| Preparation Method | | | 5035A | 5035A | | | |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | | | |
| Matrix | | | Soil | Soil | | | |
| Units | | | mg/Kg | mg/Kg | | | |
| Dilution Factor | | | 1 | 1 | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | | | |
| **Our Lab I.D.** | | | | **34218.25** | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | | | |
| Bromofluorobenzene | 75-125 | | 87 | 90 | | | |

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Page: 13

Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005**

| **Our Lab I.D.** | | | **34218.26** | **34218.29** | **34218.30** | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP10-10 | GP11-1 | GP11-5 | | |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | | |
| Date Prepared | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | | |
| Preparation Method | | | 5035A | 5035A | 5035A | | |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | | |
| Matrix | | | Soil | Soil | Soil | | |
| Units | | | mg/Kg | mg/Kg | mg/Kg | | |
| Dilution Factor | | | 1 | 1 | 1 | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | | |
| **Our Lab I.D.** | | | **34218.26** | **34218.29** | **34218.30** | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | | |
| Bromofluorobenzene | 75-125 | | 88 | 89 | 90 | | |

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905**

| Our Lab I.D. | | | Method Blank | 34218.19 | 34218.20 | 34218.21 | 34218.22 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | 7.63J | ND | ND | ND |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | 64.3 | ND | ND | ND |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | 71.9 | ND | ND | ND |
| **Our Lab I.D.** | | | | **34218.19** | **34218.20** | **34218.21** | **34218.22** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Chlorobenzene | 75-125 | | 94 | 97 | 88 | 90 | 92 |

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Irwindale, CA 91706

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905**

| Our Lab I.D. | | | 34218.23 | 34218.24 | 34218.25 | 34218.26 | 34218.29 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP9-10 | GP10-1 | GP10-5 | GP10-10 | GP11-1 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | ND | 15.3 | ND | ND |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | ND | 66.0 | ND | ND |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | ND | 81.3 | ND | ND |
| **Our Lab I.D.** | | | **34218.23** | **34218.24** | **34218.25** | **34218.26** | **34218.29** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Chlorobenzene | 75-125 | | 88 | 93 | 90 | 86 | 89 |

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Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905**

| **Our Lab I.D.** | | | **34218.30** | | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP11-5 | | | | |
| Date Sampled | | | 07/28/2005 | | | | |
| Date Prepared | | | 07/29/2005 | | | | |
| Preparation Method | | | 3550B | | | | |
| Date Analyzed | | | 07/29/2005 | | | | |
| Matrix | | | Soil | | | | |
| Units | | | mg/Kg | | | | |
| Dilution Factor | | | 1 | | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | | | | |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | | | | |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | | | | |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | | | | |
| **Our Lab I.D.** | | | **34218.30** | | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | | | | |
| Chlorobenzene | 75-125 | | 89 | | | | |

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

## Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080305**

| Our Lab I.D. | | | Method Blank | 34218.19 | 34218.20 | 34218.21 | 34218.22 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP8-1 | GP8-5 | GP9-1 | GP9-5 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 |
| Preparation Method | | | 3050B | 3050B | 3050B | 3050B | 3050B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Antimony | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Arsenic | 1.0 | 5.0 | ND | 2.00J | 3.85J | 3.30J | 1.00J |
| Barium | 2.5 | 5.0 | ND | 72.5 | 57.5 | 69.0 | 39.4 |
| Beryllium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Cadmium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Chromium | 2.5 | 5.0 | ND | 10.3 | 10.3 | 11.7 | 4.80J |
| Cobalt | 2.5 | 5.0 | ND | 4.30J | 6.35 | 6.15 | 6.25 |
| Copper | 2.5 | 5.0 | ND | 18.4 | 14.0 | 12.2 | 8.50 |
| Lead | 2.5 | 5.0 | ND | 26.4 | 3.85J | 3.85J | 4.30J |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | ND | ND | ND | ND |
| Molybdenum | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Nickel | 2.5 | 5.0 | ND | 6.60 | 8.40 | 9.00 | 3.90J |
| Selenium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Silver | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Thallium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Vanadium | 2.5 | 5.0 | ND | 13.1 | 19.6 | 17.2 | 20.2 |
| Zinc | 2.5 | 5.0 | ND | 82.0 | 37.7 | 32.7 | 26.6 |

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

### Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080305**

| Our Lab I.D. | | | 34218.23 | 34218.24 | 34218.25 | 34218.26 | 34218.29 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP9-10 | GP10-1 | GP10-5 | GP10-10 | GP11-1 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 |
| Preparation Method | | | 3050B | 3050B | 3050B | 3050B | 3050B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Antimony | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Arsenic | 1.0 | 5.0 | 4.15J | 6.45 | 5.25 | ND | 9.15 |
| Barium | 2.5 | 5.0 | 51.5 | 75.5 | 78.5 | 284 | 74.5 |
| Beryllium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Cadmium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Chromium | 2.5 | 5.0 | 10.1 | 7.90 | 20.7 | 3.10J | 7.85 |
| Cobalt | 2.5 | 5.0 | 3.45J | 6.30 | 6.00 | 4.15J | 3.95J |
| Copper | 2.5 | 5.0 | 8.05 | 18.5 | 26.0 | 9.05 | 10.2 |
| Lead | 2.5 | 5.0 | ND | 4.05J | 4.70J | ND | 2.50J |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | ND | ND | ND | 0.195J |
| Molybdenum | 2.5 | 5.0 | ND | ND | 3.45J | ND | ND |
| Nickel | 2.5 | 5.0 | 6.85 | 7.85 | 12.1 | 4.55J | 8.55 |
| Selenium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Silver | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Thallium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Vanadium | 2.5 | 5.0 | 10.6 | 20.8 | 20.2 | 12.2 | 14.1 |
| Zinc | 2.5 | 5.0 | 19.7 | 30.5 | 359 | 27.6 | 27.4 |

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080305**

| Our Lab I.D. | | | 34218.30 | | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP11-5 | | | | |
| Date Sampled | | | 07/28/2005 | | | | |
| Date Prepared | | | 08/03/2005 | | | | |
| Preparation Method | | | 3050B | | | | |
| Date Analyzed | | | 08/04/2005 | | | | |
| Matrix | | | Soil | | | | |
| Units | | | mg/Kg | | | | |
| Dilution Factor | | | 1 | | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | | | | |
| Antimony | 1.0 | 5.0 | ND | | | | |
| Arsenic | 1.0 | 5.0 | ND | | | | |
| Barium | 2.5 | 5.0 | 43.9 | | | | |
| Beryllium | 1.3 | 2.5 | ND | | | | |
| Cadmium | 1.3 | 2.5 | ND | | | | |
| Chromium | 2.5 | 5.0 | 5.30 | | | | |
| Cobalt | 2.5 | 5.0 | 3.55J | | | | |
| Copper | 2.5 | 5.0 | 9.20 | | | | |
| Lead | 2.5 | 5.0 | 2.55J | | | | |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | | | | |
| Molybdenum | 2.5 | 5.0 | ND | | | | |
| Nickel | 2.5 | 5.0 | 4.50J | | | | |
| Selenium | 1.0 | 5.0 | ND | | | | |
| Silver | 2.5 | 5.0 | ND | | | | |
| Thallium | 1.0 | 5.0 | ND | | | | |
| Vanadium | 2.5 | 5.0 | 10.8 | | | | |
| Zinc | 2.5 | 5.0 | 21.9 | | | | |

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

Method: (6010B.LEAD), Lead, ICP

## QUALITY CONTROL REPORT

**QC Batch No: 080205-1 Sample Spiked: 34218.01 QC Prepared: 08/02/2005 QC Analyzed: 08/03/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 0.0 | 1.00 | 0.81 | 81 | 1.00 | 0.80 | 80 | 1.2 | 80-120 | <15 |

**QC Batch No: 080205-1 Sample Spiked: 34218.01 QC Prepared: 08/02/2005 QC Analyzed: 08/03/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 1.00 | 0.97 | 97 | 80-120 | | | | | | |

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Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

## QUALITY CONTROL REPORT

**QC Batch No: 080305 Sample Spiked: 34218.19 QC Prepared: 08/03/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 1.00 | 1.03 | 103 | 1.00 | 1.00 | 100 | 3.0 | 80-120 | <15 |
| Arsenic | 0.040 | 1.00 | 1.16 | 112 | 1.00 | 1.15 | 111 | <1 | 80-120 | <15 |
| Barium | 1.45 | 1.00 | 2.46 | 101 | 1.00 | 2.50 | 105 | 3.9 | 80-120 | <15 |
| Beryllium | ND | 1.00 | 1.03 | 103 | 1.00 | 1.04 | 104 | <1 | 80-120 | <15 |
| Cadmium | ND | 1.00 | 1.03 | 103 | 1.00 | 1.05 | 105 | 1.9 | 80-120 | <15 |
| Chromium | 0.206 | 1.00 | 1.22 | 101 | 1.00 | 1.25 | 104 | 2.9 | 80-120 | <15 |
| Cobalt | 0.086 | 1.00 | 1.10 | 101 | 1.00 | 1.12 | 103 | 2.0 | 80-120 | <15 |
| Copper | 0.367 | 1.00 | 1.45 | 108 | 1.00 | 1.46 | 109 | <1 | 80-120 | <15 |
| Lead | 0.527 | 1.00 | 1.55 | 102 | 1.00 | 1.58 | 105 | 2.9 | 80-120 | <15 |
| Mercury (By EPA 7471) | ND | 0.01 | 0.01 | 114 | 0.01 | 0.01 | 115 | <1 | 80-120 | <15 |
| Molybdenum | ND | 1.00 | 1.02 | 102 | 1.00 | 1.04 | 104 | 1.9 | 80-120 | <15 |
| Nickel | 0.132 | 1.00 | 1.12 | 99 | 1.00 | 1.14 | 101 | 2.0 | 80-120 | <15 |
| Selenium | ND | 1.00 | 1.09 | 109 | 1.00 | 1.17 | 117 | 7.1 | 80-120 | <15 |
| Silver | ND | 1.00 | 0.98 | 98 | 1.00 | 1.00 | 100 | 2.0 | 80-120 | <15 |
| Thallium | ND | 1.00 | 0.96 | 96 | 1.00 | 1.00 | 100 | 4.1 | 80-120 | <15 |
| Vanadium | 0.261 | 1.00 | 1.27 | 101 | 1.00 | 1.30 | 104 | 2.9 | 80-120 | <15 |
| Zinc | 1.64 | 1.00 | 2.69 | 105 | 1.00 | 2.74 | 110 | 4.7 | 80-120 | <15 |

**QC Batch No: 080305 Sample Spiked: 34218.19 QC Prepared: 08/03/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 1.00 | 0.97 | 97 | 80-120 | | | | | | |
| Arsenic | 1.00 | 1.14 | 114 | 80-120 | | | | | | |
| Barium | 1.00 | 1.10 | 110 | 80-120 | | | | | | |
| Beryllium | 1.00 | 1.09 | 109 | 80-120 | | | | | | |
| Cadmium | 1.00 | 1.10 | 110 | 80-120 | | | | | | |
| Chromium | 1.00 | 1.09 | 109 | 80-120 | | | | | | |
| Cobalt | 1.00 | 1.10 | 110 | 80-120 | | | | | | |
| Copper | 1.00 | 1.09 | 109 | 80-120 | | | | | | |
| Lead | 1.00 | 1.11 | 111 | 80-120 | | | | | | |

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# ANALYTICAL RESULTS

Page: 22
Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submittd | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

## Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080305 Sample Spiked: 34218.19 QC Prepared: 08/03/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury (By EPA 7471) | 0.01 | 0.01 | 104 | 80-120 | | | | | | |
| Molybdenum | 1.00 | 1.05 | 105 | 80-120 | | | | | | |
| Nickel | 1.00 | 1.09 | 109 | 80-120 | | | | | | |
| Selenium | 1.00 | 1.04 | 104 | 80-120 | | | | | | |
| Silver | 1.00 | 1.03 | 103 | 80-120 | | | | | | |
| Thallium | 1.00 | 1.05 | 105 | 80-120 | | | | | | |
| Vanadium | 1.00 | 1.07 | 107 | 80-120 | | | | | | |
| Zinc | 1.00 | 1.11 | 111 | 80-120 | | | | | | |

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Page: 23
Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

## QUALITY CONTROL REPORT

**QC Batch No: 073005 Sample Spiked: 073005 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: ug/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.0 | 50.00 | 47.00 | 94 | 50.00 | 49.50 | 99 | 5.2 | 75-125 | <20 |
| Chlorobenzene | 0.0 | 50.00 | 40.00 | 80 | 50.00 | 43.50 | 87 | 8.4 | 75-125 | <20 |
| 1,1-Dichloroethene | 0.0 | 50.00 | 55.00 | 110 | 50.00 | 51.50 | 103 | 6.6 | 75-125 | <20 |
| Toluene (Methyl benzene) | 0.0 | 50.00 | 41.00 | 82 | 50.00 | 44.00 | 88 | 7.1 | 75-125 | <20 |
| Trichloroethene | 0.0 | 50.00 | 52.50 | 105 | 50.00 | 56.50 | 113 | 7.3 | 75-125 | <20 |
| Methyl-tert-butyl ether (MTBE) | 0.0 | 50.00 | 54.50 | 109 | 50.00 | 56.00 | 112 | 2.7 | 75-125 | <20 |

**QC Batch No: 073005 Sample Spiked: 073005 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: ug/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 50.00 | 53.50 | 107 | 75-125 | | | | | | |
| Chlorobenzene | 50.00 | 43.00 | 86 | 75-125 | | | | | | |
| 1,1-Dichloroethene | 50.00 | 59.00 | 118 | 75-125 | | | | | | |
| Toluene (Methyl benzene) | 50.00 | 47.50 | 95 | 75-125 | | | | | | |
| Trichloroethene | 50.00 | 51.00 | 102 | 75-125 | | | | | | |
| Methyl-tert-butyl ether (MTBE) | 50.00 | 60.50 | 121 | 75-125 | | | | | | |
| **LCS** | | | | | | | | | | |
| Chloroform (Trichloromethane) | 50.00 | 61.00 | 122 | 75-125 | | | | | | |
| Ethylbenzene | 50.00 | 44.00 | 88 | 75-125 | | | | | | |
| 1,1,1-Trichloroethane | 50.00 | 60.50 | 121 | 75-125 | | | | | | |
| o-Xylene | 50.00 | 38.50 | 77 | 75-125 | | | | | | |
| m,p-Xylenes | 100.00 | 80.00 | 80 | 75-125 | | | | | | |

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Page: 24
Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 072905 Sample Spiked: 34219.05 QC Prepared: 07/29/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 0.0 | 500.00 | 430.00 | 86 | 500.00 | 420.00 | 84 | 2.4 | 75-125 | <20 |

**QC Batch No: 072905 Sample Spiked: 34219.05 QC Prepared: 07/29/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 500.00 | 420.00 | 84 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 25
Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 073005 Sample Spiked: 073005 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 0.0 | 2.50 | 2.23 | 89 | 2.50 | 2.25 | 90 | 1.1 | 75-125 | <20 |

**QC Batch No: 073005 Sample Spiked: 073005 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 2.50 | 2.28 | 91 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

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Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 26
Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 080105 Sample Spiked: 080105 QC Prepared: 08/01/2005 QC Analyzed: 08/01/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 0.0 | 2.50 | 2.20 | 88 | 2.50 | 2.33 | 93 | 5.5 | 75-125 | <20 |

**QC Batch No: 080105 Sample Spiked: 080105 QC Prepared: 08/01/2005 QC Analyzed: 08/01/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 2.50 | 2.03 | 81 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
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Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 27
Project ID: 05-16-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34218 | 07/28/2005 | CONVRS |

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 080305 Sample Spiked: 080305 QC Prepared: 08/03/2005 QC Analyzed: 08/03/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 0.0 | 2.50 | 2.38 | 95 | 2.50 | 2.23 | 89 | 6.5 | 75-125 | <20 |

**QC Batch No: 080305 Sample Spiked: 080305 QC Prepared: 08/03/2005 QC Analyzed: 08/03/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 2.50 | 2.38 | 95 | 75-125 | | | | | | |

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# Data Qualifiers and Descriptors

## *Data Qualifier:*

| | |
|---|---|
| *: | In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied. |
| B: | Analyte was present in the Method Blank. |
| D: | Result is from a diluted analysis. |
| E: | Result is beyond calibration limits and is estimated. |
| H: | Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control. |
| J: | Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL). |
| M: | Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable. |
| S6: | Surrogate recovery is outside control limits due to matrix interference. |
| S8: | The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria. |
| X: | Results represent LCS and LCSD data. |

## *Definition:*

| | |
|---|---|
| %Limi: | Percent acceptable limits. |
| %REC: | Percent recovery. |
| Con.L: | Acceptable Control Limits |
| Conce: | Added concentration to the sample. |
| LCS: | Laboratory Control Sample |
| MDL: | Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability. |
| MS: | Matrix Spike |
| MS DU: | Matrix Spike Duplicate |

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# Data Qualifiers and Descriptors

ND: Analyte was not detected in the sample at or above MDL.

PQL: Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.

Recov: Recovered concentration in the sample.

RPD: Relative Percent Difference

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**Ordered By**

Converse Consultants
222 E. Huntington Drive Suite 211
Monrovia, CA 91016-

Telephone: (626) 930-1200
Attention: Laura Tanaka

Number of Pages 31
Date Received 07/29/2005
Date Reported 08/08/2005

| Job Number | Order Date | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

---

Project ID: 05-41-216-02
Project Name: Shannon Caskets
Site: 15744 Arrow Hwy
Irwindale, CA 91706

Enclosed please find results of analyses of 14 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.
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# CHAIN OF CUSTODY RECORD

№ 39758

AETL JOB No. 34226

Page 1 of 2

COMPANY: Converse Consultants
PHONE: 626-930-1200
PROJECT MANAGER: Laura Tanaka
FAX: 626-930-1212
PROJECT NAME: Shannon Castents
PROJECT #: 05-41-210-02
SITE NAME AND ADDRESS: 15744 Arrow Hwy, Irwindale, CA

| | SAMPLE ID | LAB ID | DATE | TIME | MATRIX | CONTAINER NUMBER/SIZE | PRES. | 8260 | 6010 | 8015m TPHd | | Archive | | | | TEST INSTRUCTIONS & COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GP7-1 | 34226.01 | 7/29/05 | 10:15 | soil | 1 sleeve/4 VOAs | Ice | X | X | X | | | | | | |
| 2 | 5 | 34226.02 | ↓ | 10:22 | ↓ | ↓ | ↓ | X | X | X | | | | | | |
| 3 | 10 | 34226.03 | ↓ | 10:30 | ↓ | ↓ | ↓ | X | X | X | | | | | | |
| 4 | 15 | 34226.04 | ↓ | 10:40 | ↓ | 1 sleeve | ↓ | | | | | X | | | | |
| 5 | GP12-1 | 34226.05 | ↓ | 7:20 | ↓ | 1 sleeve/4 VOAs | ↓ | X | X | X | | | | | | |
| 6 | 5 | 34226.06 | ↓ | 7:25 | ↓ | " | ↓ | X | X | X | | | | | | |
| 7 | 10 | 34226.07 | ↓ | 7:45 | ↓ | 1 sleeve | ↓ | | | | | X | | | | |
| 8 | 15 | 34226.08 | ↓ | 7:50 | ↓ | 1 sleeve/4 VOAs | ↓ | X | X | X | | | | | | |
| 9 | 20 | 34226.09 | ↓ | 8:00 | ↓ | 1 sleeve | ↓ | | | | | X | | | | |
| 10 | GP13-1 | 34226.10 | ↓ | 9:00 | ↓ | 1 sleeve/4 VOAs | ↓ | X | X | X | | | | | | |
| 11 | 5 | 34226.11 | ↓ | 9:05 | ↓ | ↓ | ↓ | X | X | X | | | | | | |
| 12 | 10 | 34226.12 | ↓ | 9:11 | ↓ | ↓ | ↓ | X | X | X | | | | | | |
| 13 | 15 | 34226.13 | ↓ | 9:20 | ↓ | 1 sleeve | ↓ | | | | | X | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |

ANALYSIS REQUESTED

Please results in 5 days

## SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

| | | | |
|---|---|---|---|
| TOTAL NUMBER OF CONTAINERS | 49 | PROPERLY COOLED | Y / N / NA |
| CUSTODY SEALS Y / N / NA | | SAMPLES INTACT | Y / N / NA |
| RECEIVED IN GOOD COND. | Y / N | SAMPLES ACCEPTED | Y / N |

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

| RELINQUISHED BY SAMPLER: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: | Signature: | Signature: |
| Printed Name: William Argisht | Printed Name: | Printed Name: Argisht |
| Date: 7/29/05 Time: | Date: Time: | Date: 7/29/05 Time: 1530 |
| RECEIVED BY: 1. | RECEIVED BY: 2. | RECEIVED BY LABORATORY: 3. |
| Signature: | Signature: | Signature: |
| Printed Name: Argisht | Printed Name: | Printed Name: |
| Date: 7/29/05 Time: 1410 | Date: Time: | Date: 07/29/05 Time: 15:30 |

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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# CHAIN OF CUSTODY RECORD

№ 39853

AETL JOB No. 34226



COMPANY: Converse Consultants
PHONE: 626-930-1200
PROJECT MANAGER: Laura Tanaka
FAX: 626-930-1212
PROJECT NAME: Shannon Caskets
PROJECT #: 05-4N-21602
SITE NAME AND ADDRESS: 15744 Arrow Hwy, Irwindale, CA

| SAMPLE ID | LAB ID | DATE | TIME | MATRIX | CONTAINER NUMBER/SIZE | PRES. | 8260 | 6010 | 8015m TPHd | Archive | TEST INSTRUCTIONS & COMMENT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6P14-1 | 34226.14 | 7/29/05 | 9:45 | soil | 1 sleeve/4oz | Ice | x | x | x | | |
| 5 | 34226.15 | | 9:50 | | | | x | x | x | | |
| 10 | 34226.16 | | 10:05 | | | | x | x | x | | |
| 6P15-1 | 34226.17 | | 8:10 | | | | x | x | x | | |
| 5 | 34226.18 | | 8:15 | | | | x | x | x | | |

need results for 5 days

## SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

| | | | |
|---|---|---|---|
| TOTAL NUMBER OF CONTAINERS | 25 | PROPERLY COOLED (Y) N / NA | |
| CUSTODY SEALS Y / N (NA) | | SAMPLES INTACT (Y) N / NA | |
| RECEIVED IN GOOD COND (Y) / N | | SAMPLES ACCEPTED (Y) N | |

TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

| RELINQUISHED BY SAMPLER: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: | Signature: | Signature: |
| Printed Name: William Ragsdale | Printed Name: | Printed Name: Avishek |
| Date: 7/29/05 Time: 1410 | Date: Time: | Date: 7/29/05 Time: 1530 |
| RECEIVED BY: 1. | RECEIVED BY: 2. | RECEIVED BY LABORATORY: |
| Signature: | Signature: | Signature: |
| Printed Name: Avishek | Printed Name: | Printed Name: |
| Date: 7/29/05 Time: 1410 | Date: Time: | Date: 07/29/05 Time: 15:30 |

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

TABLE
Summary of Soil Analytical Results for CAM Title 22 Metals (SW-846)
15744 Arrow Hwy Irwindale, CA 91706

**CAM Title 22 Metals (SW-846). Method: (6010B/7000CAM)**

| Sample ID | STLC Limit mg/L | TCLP Limit mg/L | TTLC Limit mg/Kg | Units | GP12-1 | GP12-15 | GP12-5 | GP13-1 | GP13-10 | GP13-5 | GP14-1 | GP14-10 | GP14-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | | | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | | | | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 |
| Antimony | 15 | | 500 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Arsenic | 5.0 | 5.0 | 500 | mg/Kg | **4.15J** | **5.30** | ND<1.0 | **6.35** | **2.90J** | **5.55** | **5.60** | **3.60J** | **3.85J** |
| Barium | 100 | 100 | 10000 | mg/Kg | **59.0** | **60.5** | **57.0** | **62.0** | **59.5** | **26.6** | **227** | **326** | **33.6** |
| Beryllium | 0.75 | | 75 | mg/Kg | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Cadmium | 1.0 | 1.0 | 100 | mg/Kg | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Chromium | 5 | 5.0 | 2500 | mg/Kg | **6.55** | **12.3** | **7.10** | **9.10** | **11.5** | **6.55** | **5.15** | **23.4** | **6.20** |
| Cobalt | 80 | | 8000 | mg/Kg | **5.10** | **4.80J** | **3.60J** | **3.50J** | **8.90** | **4.75J** | **2.80J** | **8.30** | **3.90J** |
| Copper | 25 | | 2500 | mg/Kg | **12.6** | **12.2** | **5.65** | **20.6** | **15.6** | **10.8** | **14.7** | **7.00** | **8.45** |
| Lead | 5.0 | 5.0 | 1000 | mg/Kg | **3.35J** | ND<2.5 | ND<2.5 | **5.95** | ND<2.5 | **3.20J** | ND<2.5 | ND<2.5 | **2.55J** |
| Mercury (By EPA 7471) | 0.2 | 0.2 | 20 | mg/Kg | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 |
| Molybdenum | 350 | | 3500 | mg/Kg | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Nickel | 20 | | 2000 | mg/Kg | **5.50** | **8.35** | **7.30** | **10.1** | **9.50** | **6.15** | **5.20** | **19.1** | **5.05** |
| Selenium | 1.0 | 1.0 | 100 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Silver | 5 | 5.0 | 500 | mg/Kg | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Thallium | 70 | | 700 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Vanadium | 24 | | 2400 | mg/Kg | **14.6** | **15.9** | **11.3** | **12.1** | **23.2** | **13.4** | **9.60** | **33.9** | **12.2** |
| Zinc | 250 | | 5000 | mg/Kg | **28.1** | **25.1** | **26.6** | **21.5** | **24.4** | **22.1** | **16.3** | **71.0** | **19.9** |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_6010B7000CAM.xls

TABLE
Summary of Soil Analytical Results for CAM Title 22 Metals (SW-846)
15744 Arrow Hwy Irwindale, CA 91706

**CAM Title 22 Metals (SW-846). Method: (6010B/7000CAM)**

| Sample ID | STLC Limit mg/L | GP15-1 | GP15-5 | GP7-1 | GP7-10 | GP7-5 |
|---|---|---|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 | 34226 | 34226 | 34226 |
| Antimony | 15 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Arsenic | 5.0 | ND<1.0 | **1.40J** | **5.60** | **3.40J** | ND<1.0 |
| Barium | 100 | **117** | **39.5** | **41.3** | **33.2** | **37.7** |
| Beryllium | 0.75 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Cadmium | 1.0 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Chromium | 5 | **17.2** | **8.95** | **8.95** | **5.60** | **6.60** |
| Cobalt | 80 | **9.65** | **3.75J** | **5.05** | **6.75** | **4.45J** |
| Copper | 25 | **24.2** | **8.25** | **12.0** | **5.20** | **8.80** |
| Lead | 5.0 | **16.7** | **2.55J** | ND<2.5 | ND<2.5 | ND<2.5 |
| Mercury (By EPA 7471) | 0.2 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 |
| Molybdenum | 350 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Nickel | 20 | **13.5** | **7.10** | **6.75** | **5.65** | **5.35** |
| Selenium | 1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Silver | 5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Thallium | 70 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Vanadium | 24 | **31.1** | **11.0** | **14.6** | **24.1** | **13.0** |
| Zinc | 250 | **89.5** | **22.9** | **25.6** | **49.0** | **22.1** |

File: SO_6010B7000CAM.xls

TABLE

Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)

15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP12-1 | GP12-15 | GP12-5 | GP13-1 | GP13-10 | GP13-5 | GP14-1 | GP14-10 | GP14-5 | GP15-1 | GP15-5 | GP7-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 |
| Acetone | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Benzene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| Bromobenzene (Phenyl bromide) | ug/Kg | 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 |
| Bromochloromethane | ug/Kg | 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 |
| Bromodichloromethane | ug/Kg | 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 |
| Bromoform (Tribromomethane) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Bromomethane (Methyl bromide) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Butanone (MEK) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| n-Butylbenzene | ug/Kg | 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 |
| sec-Butylbenzene | ug/Kg | 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 |
| tert-Butylbenzene | ug/Kg | 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 |
| Carbon Disulfide | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Carbon tetrachloride | ug/Kg | 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 |
| Chlorobenzene | ug/Kg | 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 |
| Chloroethane | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Chloroethyl vinyl ether | ug/Kg | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| Chloroform (Trichloromethane) | ug/Kg | 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 |
| Chloromethane (Methyl chloride) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Chlorotoluene | ug/Kg | 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 |
| 4-Chlorotoluene | ug/Kg | 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 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Dibromochloromethane | ug/Kg | 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 |
| 1,2-Dibromoethane (EDB) | ug/Kg | 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 |
| Dibromomethane | ug/Kg | 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 |
| 1,2-Dichlorobenzene | ug/Kg | 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 |
| 1,3-Dichlorobenzene | ug/Kg | 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 |
| 1,4-Dichlorobenzene | ug/Kg | 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 |
| Dichlorodifluoromethane | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 1,1-Dichloroethane | ug/Kg | 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 |
| 1,2-Dichloroethane (EDC) | ug/Kg | 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 |
| 1,1-Dichloroethene | ug/Kg | 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 |

TABLE

Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)

15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP12-1 | GP12-15 | GP12-5 | GP13-1 | GP13-10 | GP13-5 | GP14-1 | GP14-10 | GP14-5 | GP15-1 | GP15-5 | GP7-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 |
| cis-1,2-Dichloroethene | ug/Kg | 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 |
| trans-1,2-Dichloroethene | ug/Kg | 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 |
| 1,2-Dichloropropane | ug/Kg | 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 |
| 1,3-Dichloropropane | ug/Kg | 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 |
| 2,2-Dichloropropane | ug/Kg | 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 |
| 1,1-Dichloropropene | ug/Kg | 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 |
| cis-1,3-Dichloropropene | ug/Kg | 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 |
| trans-1,3-Dichloropropene | ug/Kg | 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 |
| Ethylbenzene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| Hexachlorobutadiene | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| 2-Hexanone | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Isopropylbenzene | ug/Kg | 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 |
| p-Isopropyltoluene | ug/Kg | 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 |
| 4-Methyl-2-pentanone (MIBK) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Methylene chloride (DCM) | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Naphthalene | ug/Kg | 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 |
| n-Propylbenzene | ug/Kg | 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 |
| Styrene | ug/Kg | 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 |
| 1,1,1,2-Tetrachloroethane | ug/Kg | 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 |
| 1,1,2,2-Tetrachloroethane | ug/Kg | 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 |
| Tetrachloroethene | ug/Kg | 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 |
| Toluene (Methyl benzene) | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| 1,2,3-Trichlorobenzene | ug/Kg | 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 |
| 1,2,4-Trichlorobenzene | ug/Kg | 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 |
| 1,1,1-Trichloroethane | ug/Kg | 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 |
| 1,1,2-Trichloroethane | ug/Kg | 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 |
| Trichloroethene | ug/Kg | 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 |
| Trichlorofluoromethane | ug/Kg | 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 |
| 1,2,3-Trichloropropane | ug/Kg | 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 |
| 1,2,4-Trimethylbenzene | ug/Kg | 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 |
| 1,3,5-Trimethylbenzene | ug/Kg | 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 |

TABLE
Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)
15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP12-1 | GP12-15 | GP12-5 | GP13-1 | GP13-10 | GP13-5 | GP14-1 | GP14-10 | GP14-5 | GP15-1 | GP15-5 | GP7-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 |
| Vinyl Acetate | ug/Kg | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 |
| Vinyl chloride (Chloroethene) | ug/Kg | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 | ND<15 |
| o-Xylene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| m,p-Xylenes | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 | ND<2.0 |
| tert-Butyl alcohol (TBA) | ug/Kg | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 |
| Diisopropyl ether (DIPE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| Ethyl alcohol (Ethanol) | ug/Kg | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 |
| Ethyl-tert-butyl ether (ETBE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| Methyl-tert-butyl ether (MTBE) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |
| tert-Amyl methyl ether (TAME) | ug/Kg | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 | ND<5 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

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TABLE

Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)

15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (**

| Sample ID | Units | GP7-10 | GP7-5 |
|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 |
| Acetone | ug/Kg | ND<25 | ND<25 |
| Benzene | ug/Kg | ND<2.0 | ND<2.0 |
| Bromobenzene (Phenyl bromide) | ug/Kg | ND<5.0 | ND<5.0 |
| Bromochloromethane | ug/Kg | ND<5.0 | ND<5.0 |
| Bromodichloromethane | ug/Kg | ND<5.0 | ND<5.0 |
| Bromoform (Tribromomethane) | ug/Kg | ND<25 | ND<25 |
| Bromomethane (Methyl bromide) | ug/Kg | ND<15 | ND<15 |
| 2-Butanone (MEK) | ug/Kg | ND<25 | ND<25 |
| n-Butylbenzene | ug/Kg | ND<5.0 | ND<5.0 |
| sec-Butylbenzene | ug/Kg | ND<5.0 | ND<5.0 |
| tert-Butylbenzene | ug/Kg | ND<5.0 | ND<5.0 |
| Carbon Disulfide | ug/Kg | ND<25 | ND<25 |
| Carbon tetrachloride | ug/Kg | ND<5.0 | ND<5.0 |
| Chlorobenzene | ug/Kg | ND<5.0 | ND<5.0 |
| Chloroethane | ug/Kg | ND<15 | ND<15 |
| 2-Chloroethyl vinyl ether | ug/Kg | ND<50 | ND<50 |
| Chloroform (Trichloromethane) | ug/Kg | ND<5.0 | ND<5.0 |
| Chloromethane (Methyl chloride) | ug/Kg | ND<15 | ND<15 |
| 2-Chlorotoluene | ug/Kg | ND<5.0 | ND<5.0 |
| 4-Chlorotoluene | ug/Kg | ND<5.0 | ND<5.0 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ug/Kg | ND<25 | ND<25 |
| Dibromochloromethane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,2-Dibromoethane (EDB) | ug/Kg | ND<5.0 | ND<5.0 |
| Dibromomethane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,2-Dichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 |
| 1,3-Dichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 |
| 1,4-Dichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 |
| Dichlorodifluoromethane | ug/Kg | ND<15 | ND<15 |
| 1,1-Dichloroethane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,2-Dichloroethane (EDC) | ug/Kg | ND<5.0 | ND<5.0 |
| 1,1-Dichloroethene | ug/Kg | ND<5.0 | ND<5.0 |

TABLE
Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)
15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (**

| Sample ID | Units | GP7-10 | GP7-5 |
|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 |
| cis-1,2-Dichloroethene | ug/Kg | ND<5.0 | ND<5.0 |
| trans-1,2-Dichloroethene | ug/Kg | ND<5.0 | ND<5.0 |
| 1,2-Dichloropropane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,3-Dichloropropane | ug/Kg | ND<5.0 | ND<5.0 |
| 2,2-Dichloropropane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,1-Dichloropropene | ug/Kg | ND<5.0 | ND<5.0 |
| cis-1,3-Dichloropropene | ug/Kg | ND<5.0 | ND<5.0 |
| trans-1,3-Dichloropropene | ug/Kg | ND<5.0 | ND<5.0 |
| Ethylbenzene | ug/Kg | ND<2.0 | ND<2.0 |
| Hexachlorobutadiene | ug/Kg | ND<15 | ND<15 |
| 2-Hexanone | ug/Kg | ND<25 | ND<25 |
| Isopropylbenzene | ug/Kg | ND<5.0 | ND<5.0 |
| p-Isopropyltoluene | ug/Kg | ND<5.0 | ND<5.0 |
| 4-Methyl-2-pentanone (MIBK) | ug/Kg | ND<25 | ND<25 |
| Methylene chloride (DCM) | ug/Kg | ND<25 | ND<25 |
| Naphthalene | ug/Kg | ND<5.0 | ND<5.0 |
| n-Propylbenzene | ug/Kg | ND<5.0 | ND<5.0 |
| Styrene | ug/Kg | ND<5.0 | ND<5.0 |
| 1,1,1,2-Tetrachloroethane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,1,2,2-Tetrachloroethane | ug/Kg | ND<5.0 | ND<5.0 |
| Tetrachloroethene | ug/Kg | ND<5.0 | ND<5.0 |
| Toluene (Methyl benzene) | ug/Kg | ND<2.0 | ND<2.0 |
| 1,2,3-Trichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 |
| 1,2,4-Trichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 |
| 1,1,1-Trichloroethane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,1,2-Trichloroethane | ug/Kg | ND<5.0 | ND<5.0 |
| Trichloroethene | ug/Kg | ND<5.0 | ND<5.0 |
| Trichlorofluoromethane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,2,3-Trichloropropane | ug/Kg | ND<5.0 | ND<5.0 |
| 1,2,4-Trimethylbenzene | ug/Kg | ND<5.0 | ND<5.0 |
| 1,3,5-Trimethylbenzene | ug/Kg | ND<5.0 | ND<5.0 |

TABLE
Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)
15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (**

| Sample ID | Units | GP7-10 | GP7-5 |
|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 |
| Vinyl Acetate | ug/Kg | ND<25 | ND<25 |
| Vinyl chloride (Chloroethene) | ug/Kg | ND<15 | ND<15 |
| o-Xylene | ug/Kg | ND<2.0 | ND<2.0 |
| m,p-Xylenes | ug/Kg | ND<2.0 | ND<2.0 |
| tert-Butyl alcohol (TBA) | ug/Kg | ND<20 | ND<20 |
| Diisopropyl ether (DIPE) | ug/Kg | ND<5 | ND<5 |
| Ethyl alcohol (Ethanol) | ug/Kg | ND<100 | ND<100 |
| Ethyl-tert-butyl ether (ETBE) | ug/Kg | ND<5 | ND<5 |
| Methyl-tert-butyl ether (MTBE) | ug/Kg | ND<5 | ND<5 |
| tert-Amyl methyl ether (TAME) | ug/Kg | ND<5 | ND<5 |

File: SO_8260B.xls

TABLE
Summary of Soil Analytical Results for TPH as Diesel and Heavy Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Diesel and Heavy Hydrocarbons Using GC/FID. Method: (M8015D)**

| Sample ID | Units | GP12-1 | GP12-15 | GP12-5 | GP13-1 | GP13-10 | GP13-5 | GP14-1 | GP14-10 | GP14-5 | GP15-1 | GP15-5 | GP7-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 |
| TPH as Diesel (C13-C22) | mg/Kg | 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 |
| TPH as Heavy Hydrocarbons (C23-C40) | mg/Kg | **25.6** | 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 | **34.2** |
| TPH Total as Diesel and Heavy HC.C13-C40 | mg/Kg | **25.6** | 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 | **36.9** |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_M8015D.xls

TABLE
Summary of Soil Analytical Results for TPH as Diesel and Heavy Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Diesel and Heavy Hydrocarbons Using GC/FID. Metl**

| Sample ID | Units | GP7-10 | GP7-5 |
|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 |
| TPH as Diesel (C13-C22) | mg/Kg | ND<5.0 | ND<5.0 |
| TPH as Heavy Hydrocarbons (C23-C40) | mg/Kg | ND<5.0 | ND<5.0 |
| TPH Total as Diesel and Heavy HC.C13-C40 | mg/Kg | ND<5.0 | ND<5.0 |

File: SO_M8015D.xls

TABLE
Summary of Soil Analytical Results for TPH as Gasoline and Light Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Gasoline and Light Hydrocarbons Using GC/FID. Method: (M8015G)**

| Sample ID | Units | GP12-1 | GP12-15 | GP12-5 | GP13-1 | GP13-10 | GP13-5 | GP14-1 | GP14-10 | GP14-5 | GP15-1 | GP15-5 | GP7-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 | 34226 |
| TPH as Gasoline and Light HC. (C4-C12) | mg/Kg | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_M8015G.xls

TABLE
Summary of Soil Analytical Results for TPH as Gasoline and Light Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Gasoline and Light Hydrocarbons Using GC/FID. Me**

| Sample ID | Units | GP7-10 | GP7-5 |
|---|---|---|---|
| Sample Date | | 7/29/2005 | 7/29/2005 |
| Laboratory Job Number | | 34226 | 34226 |
| TPH as Gasoline and Light HC. (C4-C12) | mg/Kg | ND<0.500 | ND<0.500 |

File: SO_M8015G.xls

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 2

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | Method Blank | 34226.01 | 34226.02 | 34226.03 | 34226.05 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP7-1 | GP7-5 | GP7-10 | GP12-1 |
| Date Sampled | | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/01/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Acetone | 25 | 50 | ND | ND | ND | ND | ND |
| Benzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromobenzene (Phenyl bromide) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromodichloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromoform (Tribromomethane) | 25 | 50 | ND | ND | ND | ND | ND |
| Bromomethane (Methyl bromide) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 25 | 50 | ND | ND | ND | ND | ND |
| n-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| sec-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| tert-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Carbon Disulfide | 25 | 50 | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloroethane | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chloroethyl vinyl ether | 50 | 50 | ND | ND | ND | ND | ND |
| Chloroform (Trichloromethane) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloromethane (Methyl chloride) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane (DBCP) | 25 | 50 | ND | ND | ND | ND | ND |
| Dibromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane (EDB) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Dibromomethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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# ANALYTICAL RESULTS



Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | Method Blank | 34226.01 | 34226.02 | 34226.03 | 34226.05 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP7-1 | GP7-5 | GP7-10 | GP12-1 |
| Date Sampled | | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/01/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Dichlorodifluoromethane | 15 | 30 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane (EDC) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Ethylbenzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Hexanone | 25 | 50 | ND | ND | ND | ND | ND |
| Isopropylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| p-Isopropyltoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 25 | 50 | ND | ND | ND | ND | ND |
| Methylene chloride (DCM) | 25 | 50 | ND | ND | ND | ND | ND |
| Naphthalene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| n-Propylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Styrene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Toluene (Methyl benzene) | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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# ANALYTICAL RESULTS



Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | Method Blank | 34226.01 | 34226.02 | 34226.03 | 34226.05 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP7-1 | GP7-5 | GP7-10 | GP12-1 |
| Date Sampled | | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/01/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| 1,3,5-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Vinyl Acetate | 25 | 50 | ND | ND | ND | ND | ND |
| Vinyl chloride (Chloroethene) | 15 | 30 | ND | ND | ND | ND | ND |
| o-Xylene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| m,p-Xylenes | 2.0 | 20.0 | ND | ND | ND | ND | ND |
| tert-Butyl alcohol (TBA) | 20 | 500 | ND | ND | ND | ND | ND |
| Diisopropyl ether (DIPE) | 5 | 10 | ND | ND | ND | ND | ND |
| Ethyl alcohol (Ethanol) | 100 | 500 | ND | ND | ND | ND | ND |
| Ethyl-tert-butyl ether (ETBE) | 5 | 10 | ND | ND | ND | ND | ND |
| Methyl-tert-butyl ether (MTBE) | 5 | 10 | ND | ND | ND | ND | ND |
| tert-Amyl methyl ether (TAME) | 5 | 10 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | | **34226.01** | **34226.02** | **34226.03** | **34226.05** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 114 | 112 | 115 | 119 | 112 |
| Dibromofluoromethane | 75-125 | | 119 | 119 | 123 | 121 | 114 |
| Toluene-d8 | 75-125 | | 96 | 91 | 88 | 94 | 93 |

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## ANALYTICAL RESULTS

**Ordered By**

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222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Telephone: (626)930-1200
Attn: Laura Tanaka

Page: 5

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | 34226.06 | 34226.08 | 34226.10 | 34226.11 | 34226.12 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP12-5 | GP12-15 | GP13-1 | GP13-5 | GP13-10 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Acetone | 25 | 50 | ND | ND | ND | ND | ND |
| Benzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromobenzene (Phenyl bromide) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromodichloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromoform (Tribromomethane) | 25 | 50 | ND | ND | ND | ND | ND |
| Bromomethane (Methyl bromide) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 25 | 50 | ND | ND | ND | ND | ND |
| n-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| sec-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| tert-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Carbon Disulfide | 25 | 50 | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloroethane | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chloroethyl vinyl ether | 50 | 50 | ND | ND | ND | ND | ND |
| Chloroform (Trichloromethane) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloromethane (Methyl chloride) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane (DBCP) | 25 | 50 | ND | ND | ND | ND | ND |
| Dibromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane (EDB) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Dibromomethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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# ANALYTICAL RESULTS



Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | 34226.06 | 34226.08 | 34226.10 | 34226.11 | 34226.12 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP12-5 | GP12-15 | GP13-1 | GP13-5 | GP13-10 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Dichlorodifluoromethane | 15 | 30 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane (EDC) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Ethylbenzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Hexanone | 25 | 50 | ND | ND | ND | ND | ND |
| Isopropylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| p-Isopropyltoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 25 | 50 | ND | ND | ND | ND | ND |
| Methylene chloride (DCM) | 25 | 50 | ND | ND | ND | ND | ND |
| Naphthalene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| n-Propylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Styrene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Toluene (Methyl benzene) | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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# ANALYTICAL RESULTS



Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | 34226.06 | 34226.08 | 34226.10 | 34226.11 | 34226.12 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP12-5 | GP12-15 | GP13-1 | GP13-5 | GP13-10 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| 1,3,5-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Vinyl Acetate | 25 | 50 | ND | ND | ND | ND | ND |
| Vinyl chloride (Chloroethene) | 15 | 30 | ND | ND | ND | ND | ND |
| o-Xylene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| m,p-Xylenes | 2.0 | 20.0 | ND | ND | ND | ND | ND |
| tert-Butyl alcohol (TBA) | 20 | 500 | ND | ND | ND | ND | ND |
| Diisopropyl ether (DIPE) | 5 | 10 | ND | ND | ND | ND | ND |
| Ethyl alcohol (Ethanol) | 100 | 500 | ND | ND | ND | ND | ND |
| Ethyl-tert-butyl ether (ETBE) | 5 | 10 | ND | ND | ND | ND | ND |
| Methyl-tert-butyl ether (MTBE) | 5 | 10 | ND | ND | ND | ND | ND |
| tert-Amyl methyl ether (TAME) | 5 | 10 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | **34226.06** | **34226.08** | **34226.10** | **34226.11** | **34226.12** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 114 | 115 | 116 | 119 | 116 |
| Dibromofluoromethane | 75-125 | | 121 | 117 | 119 | 117 | 118 |
| Toluene-d8 | 75-125 | | 94 | 96 | 94 | 93 | 96 |

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## ANALYTICAL RESULTS

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | 34226.14 | 34226.15 | 34226.16 | 34226.17 | 34226.18 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP14-1 | GP14-5 | GP14-10 | GP15-1 | GP15-5 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Acetone | 25 | 50 | ND | ND | ND | ND | ND |
| Benzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromobenzene (Phenyl bromide) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromodichloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Bromoform (Tribromomethane) | 25 | 50 | ND | ND | ND | ND | ND |
| Bromomethane (Methyl bromide) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 25 | 50 | ND | ND | ND | ND | ND |
| n-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| sec-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| tert-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Carbon Disulfide | 25 | 50 | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloroethane | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chloroethyl vinyl ether | 50 | 50 | ND | ND | ND | ND | ND |
| Chloroform (Trichloromethane) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Chloromethane (Methyl chloride) | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane (DBCP) | 25 | 50 | ND | ND | ND | ND | ND |
| Dibromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane (EDB) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Dibromomethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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# ANALYTICAL RESULTS



Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | 34226.14 | 34226.15 | 34226.16 | 34226.17 | 34226.18 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP14-1 | GP14-5 | GP14-10 | GP15-1 | GP15-5 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Dichlorodifluoromethane | 15 | 30 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane (EDC) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Ethylbenzene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 15 | 30 | ND | ND | ND | ND | ND |
| 2-Hexanone | 25 | 50 | ND | ND | ND | ND | ND |
| Isopropylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| p-Isopropyltoluene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 25 | 50 | ND | ND | ND | ND | ND |
| Methylene chloride (DCM) | 25 | 50 | ND | ND | ND | ND | ND |
| Naphthalene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| n-Propylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Styrene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Tetrachloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Toluene (Methyl benzene) | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichloroethene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |

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# ANALYTICAL RESULTS



Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 080105**

| Our Lab I.D. | | | 34226.14 | 34226.15 | 34226.16 | 34226.17 | 34226.18 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP14-1 | GP14-5 | GP14-10 | GP15-1 | GP15-5 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| 1,3,5-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| Vinyl Acetate | 25 | 50 | ND | ND | ND | ND | ND |
| Vinyl chloride (Chloroethene) | 15 | 30 | ND | ND | ND | ND | ND |
| o-Xylene | 2.0 | 10.0 | ND | ND | ND | ND | ND |
| m,p-Xylenes | 2.0 | 20.0 | ND | ND | ND | ND | ND |
| tert-Butyl alcohol (TBA) | 20 | 500 | ND | ND | ND | ND | ND |
| Diisopropyl ether (DIPE) | 5 | 10 | ND | ND | ND | ND | ND |
| Ethyl alcohol (Ethanol) | 100 | 500 | ND | ND | ND | ND | ND |
| Ethyl-tert-butyl ether (ETBE) | 5 | 10 | ND | ND | ND | ND | ND |
| Methyl-tert-butyl ether (MTBE) | 5 | 10 | ND | ND | ND | ND | ND |
| tert-Amyl methyl ether (TAME) | 5 | 10 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | **34226.14** | **34226.15** | **34226.16** | **34226.17** | **34226.18** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 116 | 120 | 122 | 119 | 117 |
| Dibromofluoromethane | 75-125 | | 119 | 122 | 119 | 124 | 121 |
| Toluene-d8 | 75-125 | | 94 | 95 | 95 | 94 | 96 |

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## ANALYTICAL RESULTS

**Ordered By**

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Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 080105**

| **Our Lab I.D.** | | | Method Blank | **34226.01** | **34226.02** | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP7-1 | GP7-5 | | |
| Date Sampled | | | | 07/29/2005 | 07/29/2005 | | |
| Date Prepared | | | 08/01/2005 | 07/29/2005 | 07/29/2005 | | |
| Preparation Method | | | 5035A | 5035A | 5035A | | |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | | |
| Matrix | | | Soil | Soil | Soil | | |
| Units | | | mg/Kg | mg/Kg | mg/Kg | | |
| Dilution Factor | | | 1 | 1 | 1 | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | | |
| **Our Lab I.D.** | | | | **34226.01** | **34226.02** | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | | |
| Bromofluorobenzene | 75-125 | | 87 | 78 | 92 | | |

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Attn: Laura Tanaka

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Irwindale, CA 91706

Page: 12

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 080105-1**

| Our Lab I.D. | | | Method Blank | 34226.03 | 34226.05 | 34226.06 | 34226.08 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP7-10 | GP12-1 | GP12-5 | GP12-15 |
| Date Sampled | | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/01/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | | **34226.03** | **34226.05** | **34226.06** | **34226.08** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 87 | 88 | 89 | 90 | 88 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

## Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 080105-1**

| Our Lab I.D. | | | 34226.10 | 34226.11 | 34226.12 | 34226.14 | 34226.15 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP13-1 | GP13-5 | GP13-10 | GP14-1 | GP14-5 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 | 08/01/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | **34226.10** | **34226.11** | **34226.12** | **34226.14** | **34226.15** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 90 | 89 | 89 | 89 | 89 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 080105-1**

| Our Lab I.D. | | | 34226.16 | 34226.17 | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP14-10 | GP15-1 | | | |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | | | |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | | | |
| Preparation Method | | | 5035A | 5035A | | | |
| Date Analyzed | | | 08/01/2005 | 08/01/2005 | | | |
| Matrix | | | Soil | Soil | | | |
| Units | | | mg/Kg | mg/Kg | | | |
| Dilution Factor | | | 1 | 1 | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | | | |
| **Our Lab I.D.** | | | **34226.16** | **34226.17** | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | | | |
| Bromofluorobenzene | 75-125 | | 89 | 89 | | | |

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**Site**

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Irwindale, CA 91706

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 080205**

| **Our Lab I.D.** | | | Method Blank | **34226.18** | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP15-5 | | | |
| Date Sampled | | | | 07/29/2005 | | | |
| Date Prepared | | | 08/02/2005 | 07/29/2005 | | | |
| Preparation Method | | | 5035A | 5035A | | | |
| Date Analyzed | | | 08/02/2005 | 08/02/2005 | | | |
| Matrix | | | Soil | Soil | | | |
| Units | | | mg/Kg | mg/Kg | | | |
| Dilution Factor | | | 1 | 1 | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | | | |
| **Our Lab I.D.** | | | | **34226.18** | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | | | |
| Bromofluorobenzene | 75-125 | | 88 | 89 | | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 080205**

| Our Lab I.D. | | | Method Blank | 34226.01 | 34226.02 | 34226.03 | 34226.05 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP7-1 | GP7-5 | GP7-10 | GP12-1 |
| Date Sampled | | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/02/2005 | 08/02/2005 | 08/02/2005 | 08/02/2005 | 08/02/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | 34.2 | ND | ND | 25.6 |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | 36.9 | ND | ND | 25.6 |
| **Our Lab I.D.** | | | | **34226.01** | **34226.02** | **34226.03** | **34226.05** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Chlorobenzene | 75-125 | | 105 | 106 | 90 | 87 | 88 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 080205**

| Our Lab I.D. | | | 34226.06 | | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP12-5 | | | | |
| Date Sampled | | | 07/29/2005 | | | | |
| Date Prepared | | | 08/02/2005 | | | | |
| Preparation Method | | | 3550B | | | | |
| Date Analyzed | | | 08/04/2005 | | | | |
| Matrix | | | Soil | | | | |
| Units | | | mg/Kg | | | | |
| Dilution Factor | | | 1 | | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | | | | |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | | | | |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | | | | |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | | | | |
| **Our Lab I.D.** | | | **34226.06** | | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | | | | |
| Chlorobenzene | 75-125 | | 87 | | | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 080505**

| **Our Lab I.D.** | | | Method Blank | **34226.08** | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP12-15 | | | |
| Date Sampled | | | | 07/29/2005 | | | |
| Date Prepared | | | 08/05/2005 | 08/05/2005 | | | |
| Preparation Method | | | 3550B | 3550B | | | |
| Date Analyzed | | | 08/05/2005 | 08/05/2005 | | | |
| Matrix | | | Soil | Soil | | | |
| Units | | | mg/Kg | mg/Kg | | | |
| Dilution Factor | | | 1 | 1 | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | | | |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | ND | | | |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | ND | | | |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | ND | | | |
| **Our Lab I.D.** | | | | **34226.08** | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | | | |
| Chlorobenzene | 75-125 | | 110 | 100 | | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 080205**

| Our Lab I.D. | | | 34226.10 | 34226.11 | 34226.12 | 34226.14 | 34226.15 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP13-1 | GP13-5 | GP13-10 | GP14-1 | GP14-5 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/02/2005 | 08/02/2005 | 08/02/2005 | 08/02/2005 | 08/02/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 08/05/2005 | 08/05/2005 | 08/05/2005 | 08/05/2005 | 08/05/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | **34226.10** | **34226.11** | **34226.12** | **34226.14** | **34226.15** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Chlorobenzene | 75-125 | | 87 | 91 | 89 | 91 | 102 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 080205**

| Our Lab I.D. | | | 34226.16 | 34226.17 | 34226.18 | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP14-10 | GP15-1 | GP15-5 | | |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | | |
| Date Prepared | | | 08/02/2005 | 08/02/2005 | 08/02/2005 | | |
| Preparation Method | | | 3550B | 3550B | 3550B | | |
| Date Analyzed | | | 08/05/2005 | 08/05/2005 | 08/05/2005 | | |
| Matrix | | | Soil | Soil | Soil | | |
| Units | | | mg/Kg | mg/Kg | mg/Kg | | |
| Dilution Factor | | | 1 | 1 | 1 | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | | |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | ND | ND | | |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | ND | ND | | |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | ND | ND | | |
| **Our Lab I.D.** | | | **34226.16** | **34226.17** | **34226.18** | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | | |
| Chlorobenzene | 75-125 | | 87 | 83 | 89 | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080405**

| Our Lab I.D. | | | Method Blank | 34226.01 | 34226.02 | 34226.03 | 34226.05 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP7-1 | GP7-5 | GP7-10 | GP12-1 |
| Date Sampled | | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Preparation Method | | | 3050B | 3050B | 3050B | 3050B | 3050B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Antimony | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Arsenic | 1.0 | 5.0 | ND | 5.60 | ND | 3.40J | 4.15J |
| Barium | 2.5 | 5.0 | ND | 41.3 | 37.7 | 33.2 | 59.0 |
| Beryllium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Cadmium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Chromium | 2.5 | 5.0 | ND | 8.95 | 6.60 | 5.60 | 6.55 |
| Cobalt | 2.5 | 5.0 | ND | 5.05 | 4.45J | 6.75 | 5.10 |
| Copper | 2.5 | 5.0 | ND | 12.0 | 8.80 | 5.20 | 12.6 |
| Lead | 2.5 | 5.0 | ND | ND | ND | ND | 3.35J |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | ND | ND | ND | ND |
| Molybdenum | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Nickel | 2.5 | 5.0 | ND | 6.75 | 5.35 | 5.65 | 5.50 |
| Selenium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Silver | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Thallium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Vanadium | 2.5 | 5.0 | ND | 14.6 | 13.0 | 24.1 | 14.6 |
| Zinc | 2.5 | 5.0 | ND | 25.6 | 22.1 | 49.0 | 28.1 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080405**

| Our Lab I.D. | | | 34226.06 | 34226.08 | 34226.10 | 34226.11 | 34226.12 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP12-5 | GP12-15 | GP13-1 | GP13-5 | GP13-10 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Preparation Method | | | 3050B | 3050B | 3050B | 3050B | 3050B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Antimony | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Arsenic | 1.0 | 5.0 | ND | 5.30 | 6.35 | 5.55 | 2.90J |
| Barium | 2.5 | 5.0 | 57.0 | 60.5 | 62.0 | 26.6 | 59.5 |
| Beryllium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Cadmium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Chromium | 2.5 | 5.0 | 7.10 | 12.3 | 9.10 | 6.55 | 11.5 |
| Cobalt | 2.5 | 5.0 | 3.60J | 4.80J | 3.50J | 4.75J | 8.90 |
| Copper | 2.5 | 5.0 | 5.65 | 12.2 | 20.6 | 10.8 | 15.6 |
| Lead | 2.5 | 5.0 | ND | ND | 5.95 | 3.20J | ND |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | ND | ND | ND | ND |
| Molybdenum | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Nickel | 2.5 | 5.0 | 7.30 | 8.35 | 10.1 | 6.15 | 9.50 |
| Selenium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Silver | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Thallium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Vanadium | 2.5 | 5.0 | 11.3 | 15.9 | 12.1 | 13.4 | 23.2 |
| Zinc | 2.5 | 5.0 | 26.6 | 25.1 | 21.5 | 22.1 | 24.4 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

### Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080405**

| Our Lab I.D. | | | 34226.14 | 34226.15 | 34226.16 | 34226.17 | 34226.18 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP14-1 | GP14-5 | GP14-10 | GP15-1 | GP15-5 |
| Date Sampled | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Date Prepared | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Preparation Method | | | 3050B | 3050B | 3050B | 3050B | 3050B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Antimony | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Arsenic | 1.0 | 5.0 | 5.60 | 3.85J | 3.60J | ND | 1.40J |
| Barium | 2.5 | 5.0 | 227 | 33.6 | 326 | 117 | 39.5 |
| Beryllium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Cadmium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Chromium | 2.5 | 5.0 | 5.15 | 6.20 | 23.4 | 17.2 | 8.95 |
| Cobalt | 2.5 | 5.0 | 2.80J | 3.90J | 8.30 | 9.65 | 3.75J |
| Copper | 2.5 | 5.0 | 14.7 | 8.45 | 7.00 | 24.2 | 8.25 |
| Lead | 2.5 | 5.0 | ND | 2.55J | ND | 16.7 | 2.55J |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | ND | ND | ND | ND |
| Molybdenum | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Nickel | 2.5 | 5.0 | 5.20 | 5.05 | 19.1 | 13.5 | 7.10 |
| Selenium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Silver | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Thallium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Vanadium | 2.5 | 5.0 | 9.60 | 12.2 | 33.9 | 31.1 | 11.0 |
| Zinc | 2.5 | 5.0 | 16.3 | 19.9 | 71.0 | 89.5 | 22.9 |

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Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 24
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

## QUALITY CONTROL REPORT

**QC Batch No: 080405 Sample Spiked: 34226.01 QC Prepared: 08/04/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 1.00 | 0.90 | 90 | 1.00 | 0.95 | 95 | 5.4 | 80-120 | <15 |
| Arsenic | 0.112 | 1.00 | 1.03 | 92 | 1.00 | 1.05 | 94 | 2.2 | 80-120 | <15 |
| Barium | 0.825 | 1.00 | 1.82 | 99 | 1.00 | 1.83 | 100 | 1.0 | 80-120 | <15 |
| Beryllium | ND | 1.00 | 1.00 | 100 | 1.00 | 1.00 | 100 | <1 | 80-120 | <15 |
| Cadmium | ND | 1.00 | 1.00 | 100 | 1.00 | 1.01 | 101 | <1 | 80-120 | <15 |
| Chromium | 0.179 | 1.00 | 1.18 | 100 | 1.00 | 1.18 | 100 | <1 | 80-120 | <15 |
| Cobalt | 0.101 | 1.00 | 1.09 | 99 | 1.00 | 1.10 | 100 | 1.0 | 80-120 | <15 |
| Copper | 0.239 | 1.00 | 1.32 | 108 | 1.00 | 1.32 | 108 | <1 | 80-120 | <15 |
| Lead | ND | 1.00 | 1.05 | 105 | 1.00 | 1.04 | 104 | <1 | 80-120 | <15 |
| Mercury (By EPA 7471) | ND | 0.01 | 0.01 | 111 | 0.01 | 0.01 | 111 | <1 | 80-120 | <15 |
| Molybdenum | ND | 1.00 | 1.04 | 104 | 1.00 | 1.04 | 104 | <1 | 80-120 | <15 |
| Nickel | 0.135 | 1.00 | 1.10 | 96 | 1.00 | 1.10 | 96 | <1 | 80-120 | <15 |
| Selenium | ND | 1.00 | 0.85 | 85 | 1.00 | 0.84 | 84 | 1.2 | 80-120 | <15 |
| Silver | ND | 1.00 | 0.98 | 98 | 1.00 | 0.98 | 98 | <1 | 80-120 | <15 |
| Thallium | ND | 1.00 | 1.04 | 104 | 1.00 | 1.05 | 105 | <1 | 80-120 | <15 |
| Vanadium | 0.292 | 1.00 | 1.28 | 99 | 1.00 | 1.28 | 99 | <1 | 80-120 | <15 |
| Zinc | 0.511 | 1.00 | 1.51 | 100 | 1.00 | 1.51 | 100 | <1 | 80-120 | <15 |

**QC Batch No: 080405 Sample Spiked: 34226.01 QC Prepared: 08/04/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 1.00 | 0.84 | 84 | 80-120 | | | | | | |
| Arsenic | 1.00 | 0.96 | 96 | 80-120 | | | | | | |
| Barium | 1.00 | 1.01 | 101 | 80-120 | | | | | | |
| Beryllium | 1.00 | 0.97 | 97 | 80-120 | | | | | | |
| Cadmium | 1.00 | 0.99 | 99 | 80-120 | | | | | | |
| Chromium | 1.00 | 1.05 | 105 | 80-120 | | | | | | |
| Cobalt | 1.00 | 1.00 | 100 | 80-120 | | | | | | |
| Copper | 1.00 | 1.00 | 100 | 80-120 | | | | | | |
| Lead | 1.00 | 1.01 | 101 | 80-120 | | | | | | |

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## ANALYTICAL RESULTS

Page: 25
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submittd | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080405 Sample Spiked: 34226.01 QC Prepared: 08/04/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury (By EPA 7471) | 0.01 | 0.01 | 93 | 80-120 | | | | | | |
| Molybdenum | 1.00 | 0.95 | 95 | 80-120 | | | | | | |
| Nickel | 1.00 | 0.98 | 98 | 80-120 | | | | | | |
| Selenium | 1.00 | 0.94 | 94 | 80-120 | | | | | | |
| Silver | 1.00 | 0.95 | 95 | 80-120 | | | | | | |
| Thallium | 1.00 | 1.06 | 106 | 80-120 | | | | | | |
| Vanadium | 1.00 | 0.98 | 98 | 80-120 | | | | | | |
| Zinc | 1.00 | 1.01 | 101 | 80-120 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 26
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

## QUALITY CONTROL REPORT

**QC Batch No: 080105 Sample Spiked: 080105 QC Prepared: 08/01/2005 QC Analyzed: 08/01/2005 Units: ug/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.0 | 50.00 | 48.00 | 96 | 50.00 | 48.00 | 96 | <1 | 75-125 | <20 |
| Chlorobenzene | 0.0 | 50.00 | 38.00 | 76 | 50.00 | 39.50 | 79 | 3.9 | 75-125 | <20 |
| 1,1-Dichloroethene | 0.0 | 50.00 | 55.50 | 111 | 50.00 | 58.00 | 116 | 4.4 | 75-125 | <20 |
| Toluene (Methyl benzene) | 0.0 | 50.00 | 42.50 | 85 | 50.00 | 43.00 | 86 | 1.2 | 75-125 | <20 |
| Trichloroethene | 0.0 | 50.00 | 51.00 | 102 | 50.00 | 52.50 | 105 | 2.9 | 75-125 | <20 |
| Methyl-tert-butyl ether (MTBE) | 0.0 | 50.00 | 54.50 | 109 | 50.00 | 55.50 | 111 | 1.8 | 75-125 | <20 |

**QC Batch No: 080105 Sample Spiked: 080105 QC Prepared: 08/01/2005 QC Analyzed: 08/01/2005 Units: ug/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 50.00 | 55.50 | 111 | 75-125 | | | | | | |
| Chlorobenzene | 50.00 | 45.00 | 90 | 75-125 | | | | | | |
| 1,1-Dichloroethene | 50.00 | 59.00 | 118 | 75-125 | | | | | | |
| Toluene (Methyl benzene) | 50.00 | 48.50 | 97 | 75-125 | | | | | | |
| Trichloroethene | 50.00 | 57.50 | 115 | 75-125 | | | | | | |
| Methyl-tert-butyl ether (MTBE) | 50.00 | 60.00 | 120 | 75-125 | | | | | | |
| **LCS** | | | | | | | | | | |
| Chloroform (Trichloromethane) | 50.00 | 61.50 | 123 | 75-125 | | | | | | |
| Ethylbenzene | 50.00 | 48.50 | 97 | 75-125 | | | | | | |
| 1,1,1-Trichloroethane | 50.00 | 61.00 | 122 | 75-125 | | | | | | |
| o-Xylene | 50.00 | 45.50 | 91 | 75-125 | | | | | | |
| m,p-Xylenes | 100.00 | 88.00 | 88 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

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Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 27
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 080205 Sample Spiked: 34226.02 QC Prepared: 08/02/2005 QC Analyzed: 08/05/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 0.0 | 500.00 | 510.00 | 102 | 500.00 | 515.00 | 103 | <1 | 75-125 | <20 |

**QC Batch No: 080205 Sample Spiked: 34226.02 QC Prepared: 08/02/2005 QC Analyzed: 08/05/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 500.00 | 515.00 | 103 | 75-125 | | | | | | |

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**Site**

15744 Arrow Hwy
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Page: 28
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 080505 Sample Spiked: 080505 QC Prepared: 08/05/2005 QC Analyzed: 08/05/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 0.0 | 500.00 | 480.0 X | 96 | 500.00 | 400.0 X | 80 | 18.2 | 75-125 | <20 |

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**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 29
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 080105 Sample Spiked: 080105 QC Prepared: 08/01/2005 QC Analyzed: 08/01/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 0.0 | 2.50 | 2.20 | 88 | 2.50 | 2.33 | 93 | 5.5 | 75-125 | <20 |

**QC Batch No: 080105 Sample Spiked: 080105 QC Prepared: 08/01/2005 QC Analyzed: 08/01/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 2.50 | 2.03 | 81 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

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**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 30
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 080105-1 Sample Spiked: 34226.14 QC Prepared: 08/01/2005 QC Analyzed: 08/01/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 0.0 | 2.50 | 2.20 | 88 | 2.50 | 2.08 | 83 | 5.8 | 75-125 | <20 |

**QC Batch No: 080105-1 Sample Spiked: 34226.14 QC Prepared: 08/01/2005 QC Analyzed: 08/01/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 2.50 | 2.25 | 90 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

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Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 31
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34226 | 07/29/2005 | CONVRS |

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 080205 Sample Spiked: 34247.03 QC Prepared: 08/02/2005 QC Analyzed: 08/02/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 0.0 | 2.50 | 2.28 | 91 | 2.50 | 2.18 | 87 | 4.5 | 75-125 | <20 |

**QC Batch No: 080205 Sample Spiked: 34247.03 QC Prepared: 08/02/2005 QC Analyzed: 08/02/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 2.50 | 2.20 | 88 | 75-125 | | | | | | |

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# Data Qualifiers and Descriptors

## *Data Qualifier:*

| | |
|---|---|
| *: | In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied. |
| B: | Analyte was present in the Method Blank. |
| D: | Result is from a diluted analysis. |
| E: | Result is beyond calibration limits and is estimated. |
| H: | Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control. |
| J: | Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL). |
| M: | Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable. |
| S6: | Surrogate recovery is outside control limits due to matrix interference. |
| S8: | The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria. |
| X: | Results represent LCS and LCSD data. |

## *Definition:*

| | |
|---|---|
| %Limi: | Percent acceptable limits. |
| %REC: | Percent recovery. |
| Con.L: | Acceptable Control Limits |
| Conce: | Added concentration to the sample. |
| LCS: | Laboratory Control Sample |
| MDL: | Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability. |
| MS: | Matrix Spike |
| MS DU: | Matrix Spike Duplicate |

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# Data Qualifiers and Descriptors

ND: Analyte was not detected in the sample at or above MDL.

PQL: Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.

Recov: Recovered concentration in the sample.

RPD: Relative Percent Difference

# American Environmental Testing Laboratory Inc.

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**Ordered By**

Converse Consultants
222 E. Huntington Drive Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attention: Laura Tanaka

Number of Pages 31
Date Received 07/28/2005
Date Reported 08/05/2005

| Job Number | Order Date | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

---

**Project ID:** 05-41-216-02
**Project Name:** Shannon Caskets
**Site:** 15744 Arrow Hwy
Irwindale, CA 91706

Enclosed please find results of analyses of 22 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.
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# CHAIN OF CUSTODY RECORD

№ 39756

AETL JOB No. 34219



COMPANY: Converse Consultants
PHONE: 626-930-1200
PROJECT MANAGER: Laura Tawney
FAX: 626-930-1262
PROJECT NAME: Shannon Caskets
PROJECT #: 65-41-216-02
SITE NAME AND ADDRESS: 15744 Arrow Hwy, Irwindale, CA

| | SAMPLE ID | LAB ID | DATE | TIME | MATRIX | CONTAINER NUMBER/SIZE | PRES. | 8015m TPHg | 8015m TPHd | 8015m TPHcc | 6010 Metals | 8260 VOC's | 8082 PCB's | | Archive | | TEST INSTRUCTIONS & COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6P11-10 | 34219.01 | 7/28/05 | 855 | soil | 1 sleeve/4 vial's | ICE | | | X | X | X | | | | | |
| 2 | 15 | 34219.02 | | 910 | | 1 sleeve | | | | | | | | | X | | |
| 3 | 20 | 34219.03 | | 924 | | | | | | | | | | | X | | |
| 4 | 6P16-1 | 34219.04 | | 1404 | | 1 sleeve/4 vial's | | | | X | X | X | | | | | |
| 5 | 5 | 34219.05 | | 1413 | | | | | | X | X | X | | | | | Need 5 day turnaround |
| 6 | 6P17-1 | 34219.06 | | 10:25 | | 1 sleeve | | | | X | | | X | | | | |
| 7 | 5 | 34219.07 | | 10:28 | | | | | | X | | | X | | | | |
| 8 | 10 | 34219.08 | | 10:33 | | | | | | X | | | X | | | | |
| 9 | 6P18-1 | 34219.09 | | 10:40 | | | | | | X | | | X | | | | |
| 10 | 5 | 34219.10 | | 10:44 | | | | | | X | | | X | | | | |
| 11 | 10 | 34219.11 | | 10:57 | | | | | | X | | | X | | | | |
| 12 | 6P19-1 | 34219.12 | | 11:05 | | | | | | X | | | X | | | | |
| 13 | 5 | 34219.13 | | 11:09 | | | | | | X | | | X | | | | |
| 14 | 10 | 34219.14 | | 11:25 | | | | | | X | | | X | | | | |
| 15 | | | | | | | | | | | | | | | | | |

## SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

| | | | |
|---|---|---|---|
| TOTAL NUMBER OF CONTAINERS | 27 | PROPERLY COOLED (Y) N / NA | |
| CUSTODY SEALS Y / N / (NA) | | SAMPLES INTACT (Y) N / NA | |
| RECEIVED IN GOOD COND (Y) N | | SAMPLES ACCEPTED (Y) N | |

## TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

| RELINQUISHED BY SAMPLER: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: [signature] | Signature: | Signature: [signature] |
| Printed Name: William Rosales | Printed Name: | Printed Name: C. Tagalicao |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 7/28/05 Time: 1700 |
| **RECEIVED BY: 1.** | **RECEIVED BY: 2.** | **RECEIVED BY LABORATORY: 3.** |
| Signature: [signature] | Signature: | Signature: [signature] |
| Printed Name: Christian Rosales | Printed Name: | Printed Name: [signature] |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 07/28/05 Time: 17:00 |

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

# CHAIN OF CUSTODY RECORD

№ 39757

AETL JOB No. 34219



COMPANY: Converse Consultants
PHONE: 626-930-1200
PROJECT MANAGER: Laura Tanaka
FAX: 626-930-1212
PROJECT NAME: Shannon Caskets
PROJECT #: 05-41-216-02
SITE NAME AND ADDRESS: 1574 Arrow Hwy, Irwindale, CA

| | SAMPLE ID | LAB ID | DATE | TIME | MATRIX | CONTAINER NUMBER/SIZE | PRES. | 8015m TPH4 | 8015m TPHd | 8015m TPHe | 6010 Metals | 8260 VOC's | 8082 PCB's | | ARCHIVE | | TEST INSTRUCTIONS & COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6P21-15 | 34219.15 | 7/28/05 | 10:15 | soil | 1 sleeve | ICE | | | X | X | | | | | | |
| 2 | 6P21A-1 | 34219.16 | | 14:30 | | | | | | X | X | | | | | | |
| 3 | 5 | 34219.17 | | 14:34 | | | | | | X | X | | | | | | |
| 4 | 10 | 34219.18 | | 14:41 | | | | | | X | X | | | | | | |
| 5 | 6P22A-1 | 34219.19 | | 13:15 | | | | | | X | X | | | | | | |
| 6 | 5 | 34219.20 | | 13:20 | | | | | | X | X | | | | | | |
| 7 | 10 | 34219.21 | | 13:27 | | | | | | X | X | | | | | | |
| 8 | 15 | 34219.22 | | 13:43 | | | | | | | | | | | X | | |
| 9 | 6P23-15 | 34219.23 | | 11:46 | | | | | | X | X | | | | | | |
| 10 | 20 | 34219.24 | | 12:00 | | | | | | X | X | | | | | | |
| 11 | 25 | 34219.25 | | 12:17 | | | | | | X | X | | | | | | |
| 12 | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |

## SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

| | | | |
|---|---|---|---|
| TOTAL NUMBER OF CONTAINERS | 11 | PROPERLY COOLED (Y) / N / NA | |
| CUSTODY SEALS Y / N / (NA) | | SAMPLES INTACT (Y) / N / NA | |
| RECEIVED IN GOOD COND (Y) / N | | SAMPLES ACCEPTED (Y) / N | |

## TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

| RELINQUISHED BY SAMPLER: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: [signature] | Signature: | Signature: [signature] |
| Printed Name: William Ragsdale | Printed Name: | Printed Name: C. TAGUILAO |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 7/28/05 Time: 1700 |
| **RECEIVED BY: 1.** | **RECEIVED BY: 2.** | **RECEIVED BY LABORATORY: 3.** |
| Signature: [signature] | Signature: | Signature: [signature] |
| Printed Name: CHRISTIAN PAGUILAO | Printed Name: | Printed Name: Arg |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 07/28/05 Time: 17:00 |

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

TABLE
Summary of Soil Analytical Results for CAM Title 22 Metals (SW-846)
15744 Arrow Hwy Irwindale, CA 91706

**CAM Title 22 Metals (SW-846). Method: (6010B/7000CAM)**

| Sample ID | STLC Limit mg/L | TCLP Limit mg/L | TTLC Limit mg/Kg | Units | GP11-10 | GP16-1 | GP16-5 | GP21-15 | GP21A-1 | GP21A-10 | GP21A-5 | GP22A-1 | GP22A-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | | | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | | | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| Antimony | 15 | | 500 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Arsenic | 5.0 | 5.0 | 500 | mg/Kg | **6.00** | **3.90J** | **3.10J** | **7.15** | **2.25J** | **3.10J** | **4.60J** | **2.30J** | **4.75J** |
| Barium | 100 | 100 | 10000 | mg/Kg | **41.4** | **72.0** | **108** | **160** | **85.0** | **53.5** | **26.4** | **96.5** | **38.0** |
| Beryllium | 0.75 | | 75 | mg/Kg | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Cadmium | 1.0 | 1.0 | 100 | mg/Kg | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 | **2.75** | ND<1.3 |
| Chromium | 5 | 5.0 | 2500 | mg/Kg | **6.30** | **12.6** | **11.3** | **36.7** | **10.3** | **4.75J** | **4.05J** | **12.0** | **6.65** |
| Cobalt | 80 | | 8000 | mg/Kg | **3.45J** | **7.50** | **10.1** | **4.10J** | **6.10** | **3.65J** | **2.80J** | **8.00** | **3.60J** |
| Copper | 25 | | 2500 | mg/Kg | **8.60** | **16.6** | **77.0** | **13.8** | **112** | **35.0** | **6.65** | **110** | **9.15** |
| Lead | 5.0 | 5.0 | 1000 | mg/Kg | **4.00J** | **6.65** | ND<2.5 | **238** | **610** | ND<2.5 | **2.85J** | **41.3** | **2.60J** |
| Mercury (By EPA 7471) | 0.2 | 0.2 | 20 | mg/Kg | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 |
| Molybdenum | 350 | | 3500 | mg/Kg | **2.85J** | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | **2.85J** | ND<2.5 |
| Nickel | 20 | | 2000 | mg/Kg | **4.90J** | **10.5** | **8.35** | **5.70** | **8.25** | **3.75J** | **3.50J** | **20.6** | **5.00** |
| Selenium | 1.0 | 1.0 | 100 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Silver | 5 | 5.0 | 500 | mg/Kg | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Thallium | 70 | | 700 | mg/Kg | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Vanadium | 24 | | 2400 | mg/Kg | **10.1** | **22.6** | **35.4** | **10.4** | **18.5** | **12.0** | **8.50** | **22.4** | **11.0** |
| Zinc | 250 | | 5000 | mg/Kg | **38.7** | **42.8** | **39.2** | **22.1** | **73.0** | **23.1** | **17.6** | **126** | **21.4** |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_6010B7000CAM.xls

TABLE
Summary of Soil Analytical Results for CAM Title 22 Metals (SW-846)
15744 Arrow Hwy Irwindale, CA 91706

**CAM Title 22 Metals (SW-846). Method: (6010B/7000CAM)**

| Sample ID | STLC Limit mg/L | GP22A-5 | GP23-15 | GP23-20 | GP23-25 |
|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 |
| Antimony | 15 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Arsenic | 5.0 | **8.55** | **3.55J** | **5.70** | **2.15J** |
| Barium | 100 | **36.9** | **66.5** | **64.5** | **48.2** |
| Beryllium | 0.75 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Cadmium | 1.0 | ND<1.3 | ND<1.3 | ND<1.3 | ND<1.3 |
| Chromium | 5 | **6.55** | **8.20** | **30.7** | **22.7** |
| Cobalt | 80 | **3.80J** | **3.55J** | **5.20** | ND<2.5 |
| Copper | 25 | **11.3** | **14.4** | **19.6** | **4.80J** |
| Lead | 5.0 | **3.25J** | **56.5** | **28.8** | **11.1** |
| Mercury (By EPA 7471) | 0.2 | ND<0.1 | ND<0.1 | ND<0.1 | ND<0.1 |
| Molybdenum | 350 | ND<2.5 | ND<2.5 | ND<2.5 | **4.80J** |
| Nickel | 20 | **4.85J** | **6.15** | **16.8** | **4.65J** |
| Selenium | 1.0 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Silver | 5 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 |
| Thallium | 70 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 |
| Vanadium | 24 | **10.8** | **14.6** | **17.7** | **3.80J** |
| Zinc | 250 | **25.5** | **44.1** | **47.9** | **20.7** |

File: SO_6010B7000CAM.xls

TABLE
Summary of Soil Analytical Results for Polychlorinated Biphenyls (PCBs) by GC
15744 Arrow Hwy Irwindale, CA 91706

**Polychlorinated Biphenyls (PCBs) by GC. Method: (8082)**

| Sample ID | Units | GP17-1 | GP17-10 | GP17-5 | GP18-1 | GP18-10 | GP18-5 | GP19-1 | GP19-10 | GP19-5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| Aroclor-1016 (PCB-1016) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1221 (PCB-1221) | ug/Kg | ND<140 | ND<70 | ND<140 | ND<70 | ND<70 | ND<70 | ND<70 | ND<70 | ND<70 |
| Aroclor-1232 (PCB-1232) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1242 (PCB-1242) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1248 (PCB-1248) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1254 (PCB-1254) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1260 (PCB-1260) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1262 (PCB-1262) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |
| Aroclor-1268 (PCB-1268) | ug/Kg | ND<70 | ND<35 | ND<70 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 | ND<35 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_8082.xls

TABLE

Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)

15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP11-10 | GP16-1 | GP16-5 |
|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 |
| Acetone | ug/Kg | ND<25 | ND<25 | ND<25 |
| Benzene | ug/Kg | ND<2.0 | **2.1J** | ND<2.0 |
| Bromobenzene (Phenyl bromide) | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromochloromethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromodichloromethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Bromoform (Tribromomethane) | ug/Kg | ND<25 | ND<25 | ND<25 |
| Bromomethane (Methyl bromide) | ug/Kg | ND<15 | ND<15 | ND<15 |
| 2-Butanone (MEK) | ug/Kg | ND<25 | ND<25 | ND<25 |
| n-Butylbenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| sec-Butylbenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| tert-Butylbenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Carbon Disulfide | ug/Kg | ND<25 | ND<25 | ND<25 |
| Carbon tetrachloride | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Chlorobenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Chloroethane | ug/Kg | ND<15 | ND<15 | ND<15 |
| 2-Chloroethyl vinyl ether | ug/Kg | ND<50 | ND<50 | ND<50 |
| Chloroform (Trichloromethane) | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Chloromethane (Methyl chloride) | ug/Kg | ND<15 | ND<15 | ND<15 |
| 2-Chlorotoluene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 4-Chlorotoluene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ug/Kg | ND<25 | ND<25 | ND<25 |
| Dibromochloromethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dibromoethane (EDB) | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Dibromomethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,4-Dichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Dichlorodifluoromethane | ug/Kg | ND<15 | ND<15 | ND<15 |
| 1,1-Dichloroethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichloroethane (EDC) | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloroethene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |

TABLE

Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)

15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP11-10 | GP16-1 | GP16-5 |
|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 |
| cis-1,2-Dichloroethene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| trans-1,2-Dichloroethene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2-Dichloropropane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3-Dichloropropane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 2,2-Dichloropropane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1-Dichloropropene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| cis-1,3-Dichloropropene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| trans-1,3-Dichloropropene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Ethylbenzene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 |
| Hexachlorobutadiene | ug/Kg | ND<15 | ND<15 | ND<15 |
| 2-Hexanone | ug/Kg | ND<25 | ND<25 | ND<25 |
| Isopropylbenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| p-Isopropyltoluene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 4-Methyl-2-pentanone (MIBK) | ug/Kg | ND<25 | ND<25 | ND<25 |
| Methylene chloride (DCM) | ug/Kg | ND<25 | ND<25 | ND<25 |
| Naphthalene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| n-Propylbenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Styrene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,1,2-Tetrachloroethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,2,2-Tetrachloroethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Tetrachloroethene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Toluene (Methyl benzene) | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 |
| 1,2,3-Trichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,4-Trichlorobenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,1-Trichloroethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,1,2-Trichloroethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Trichloroethene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| Trichlorofluoromethane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,3-Trichloropropane | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,2,4-Trimethylbenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |
| 1,3,5-Trimethylbenzene | ug/Kg | ND<5.0 | ND<5.0 | ND<5.0 |

TABLE
Summary of Soil Analytical Results for Volatile Organic Compounds by GC/MS (SW846)
15744 Arrow Hwy Irwindale, CA 91706

**Volatile Organic Compounds by GC/MS (SW846). Method: (8260B)**

| Sample ID | Units | GP11-10 | GP16-1 | GP16-5 |
|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 |
| Vinyl Acetate | ug/Kg | ND<25 | ND<25 | ND<25 |
| Vinyl chloride (Chloroethene) | ug/Kg | ND<15 | ND<15 | ND<15 |
| o-Xylene | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 |
| m,p-Xylenes | ug/Kg | ND<2.0 | ND<2.0 | ND<2.0 |
| tert-Butyl alcohol (TBA) | ug/Kg | ND<20 | ND<20 | ND<20 |
| Diisopropyl ether (DIPE) | ug/Kg | ND<5 | ND<5 | ND<5 |
| Ethyl alcohol (Ethanol) | ug/Kg | ND<100 | ND<100 | ND<100 |
| Ethyl-tert-butyl ether (ETBE) | ug/Kg | ND<5 | ND<5 | ND<5 |
| Methyl-tert-butyl ether (MTBE) | ug/Kg | ND<5 | ND<5 | ND<5 |
| tert-Amyl methyl ether (TAME) | ug/Kg | ND<5 | ND<5 | ND<5 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_8260B.xls

TABLE
Summary of Soil Analytical Results for TPH as Diesel and Heavy Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Diesel and Heavy Hydrocarbons Using GC/FID. Method: (M8015D)**

| Sample ID | Units | GP11-10 | GP16-1 | GP16-5 | GP17-1 | GP17-10 | GP17-5 | GP18-1 | GP18-10 | GP18-5 | GP19-1 | GP19-10 | GP19-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| TPH as Diesel (C13-C22) | mg/Kg | ND<5.0 | ND<5.0 | ND<5.0 | **34.1** | ND<5.0 | **7.36J** | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 |
| TPH as Heavy Hydrocarbons (C23-C40) | mg/Kg | ND<5.0 | ND<5.0 | ND<5.0 | **613** | ND<5.0 | **195** | **93.0** | **20.3** | **22.6** | **12.6** | ND<5.0 | ND<5.0 |
| TPH Total as Diesel and Heavy HC.C13-C40 | mg/Kg | ND<5.0 | ND<5.0 | ND<5.0 | **647** | ND<5.0 | **202** | **97.8** | **21.6** | **23.8** | **14.1** | ND<5.0 | ND<5.0 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_M8015D.xls

TABLE
Summary of Soil Analytical Results for TPH as Diesel and Heavy Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Diesel and Heavy Hydrocarbons Using GC/FID. Metl**

| Sample ID | Units | GP21-15 | GP21A-1 | GP21A-10 | GP21A-5 | GP22A-1 | GP22A-10 | GP22A-5 | GP23-15 | GP23-20 | GP23-25 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| TPH as Diesel (C13-C22) | mg/Kg | **134** | **6.98J** | ND<5.0 | **6.45J** | **5.97J** | ND<5.0 | ND<5.0 | **133** | **28.9** | **20.9** |
| TPH as Heavy Hydrocarbons (C23-C40) | mg/Kg | **201** | **63.7** | ND<5.0 | **137** | **39.3** | ND<5.0 | ND<5.0 | **1,220** | **434** | **56.9** |
| TPH Total as Diesel and Heavy HC.C13-C40 | mg/Kg | **335** | **70.7** | ND<5.0 | **143** | **45.3** | ND<5.0 | ND<5.0 | **1,350** | **463** | **77.8** |

File: SO_M8015D.xls

TABLE
Summary of Soil Analytical Results for TPH as Gasoline and Light Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Gasoline and Light Hydrocarbons Using GC/FID. Method: (M8015G)**

| Sample ID | Units | GP11-10 | GP16-1 | GP16-5 | GP17-1 | GP17-10 | GP17-5 | GP18-1 | GP18-10 | GP18-5 | GP19-1 | GP19-10 | GP19-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| TPH as Gasoline and Light HC. (C4-C12) | mg/Kg | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_M8015G.xls

TABLE
Summary of Soil Analytical Results for TPH as Gasoline and Light Hydrocarbons Using GC/FID
15744 Arrow Hwy Irwindale, CA 91706

**TPH as Gasoline and Light Hydrocarbons Using GC/FID. Me**

| Sample ID | Units | GP21-15 | GP21A-1 | GP21A-10 | GP21A-5 | GP22A-1 | GP22A-10 | GP22A-5 | GP23-15 | GP23-20 | GP23-25 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Date | | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 | 34219 |
| TPH as Gasoline and Light HC. (C4-C12) | mg/Kg | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 |

File: SO_M8015G.xls

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## ANALYTICAL RESULTS

**Ordered By**

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**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 2

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | Method Blank | 34219.01 | 34219.04 | 34219.05 |
|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP11-10 | GP16-1 | GP16-5 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** |
| Acetone | 25 | 50 | ND | ND | ND | ND |
| Benzene | 2.0 | 10.0 | ND | ND | 2.1J | ND |
| Bromobenzene (Phenyl bromide) | 5.0 | 10.0 | ND | ND | ND | ND |
| Bromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND |
| Bromodichloromethane | 5.0 | 10.0 | ND | ND | ND | ND |
| Bromoform (Tribromomethane) | 25 | 50 | ND | ND | ND | ND |
| Bromomethane (Methyl bromide) | 15 | 30 | ND | ND | ND | ND |
| 2-Butanone (MEK) | 25 | 50 | ND | ND | ND | ND |
| n-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| sec-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| tert-Butylbenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| Carbon Disulfide | 25 | 50 | ND | ND | ND | ND |
| Carbon tetrachloride | 5.0 | 10.0 | ND | ND | ND | ND |
| Chlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| Chloroethane | 15 | 30 | ND | ND | ND | ND |
| 2-Chloroethyl vinyl ether | 50 | 50 | ND | ND | ND | ND |
| Chloroform (Trichloromethane) | 5.0 | 10.0 | ND | ND | ND | ND |
| Chloromethane (Methyl chloride) | 15 | 30 | ND | ND | ND | ND |
| 2-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND |
| 4-Chlorotoluene | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane (DBCP) | 25 | 50 | ND | ND | ND | ND |
| Dibromochloromethane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,2-Dibromoethane (EDB) | 5.0 | 10.0 | ND | ND | ND | ND |
| Dibromomethane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND |

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## ANALYTICAL RESULTS



Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

## Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | Method Blank | 34219.01 | 34219.04 | 34219.05 |
|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP11-10 | GP16-1 | GP16-5 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** |
| Dichlorodifluoromethane | 15 | 30 | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,2-Dichloroethane (EDC) | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,1-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,3-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND |
| 2,2-Dichloropropane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,1-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 5.0 | 10.0 | ND | ND | ND | ND |
| Ethylbenzene | 2.0 | 10.0 | ND | ND | ND | ND |
| Hexachlorobutadiene | 15 | 30 | ND | ND | ND | ND |
| 2-Hexanone | 25 | 50 | ND | ND | ND | ND |
| Isopropylbenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| p-Isopropyltoluene | 5.0 | 10.0 | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 25 | 50 | ND | ND | ND | ND |
| Methylene chloride (DCM) | 25 | 50 | ND | ND | ND | ND |
| Naphthalene | 5.0 | 10.0 | ND | ND | ND | ND |
| n-Propylbenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| Styrene | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,1,1,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 5.0 | 10.0 | ND | ND | ND | ND |
| Tetrachloroethene | 5.0 | 10.0 | ND | ND | ND | ND |
| Toluene (Methyl benzene) | 2.0 | 10.0 | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 5.0 | 10.0 | ND | ND | ND | ND |
| Trichloroethene | 5.0 | 10.0 | ND | ND | ND | ND |
| Trichlorofluoromethane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 5.0 | 10.0 | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND |

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## ANALYTICAL RESULTS



Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 073005**

| Our Lab I.D. | | | Method Blank | 34219.01 | 34219.04 | 34219.05 | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP11-10 | GP16-1 | GP16-5 | |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | |
| Date Prepared | | | 07/30/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | |
| Preparation Method | | | 5035A | 5035A | 5035A | 5035A | |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | |
| Matrix | | | Soil | Soil | Soil | Soil | |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | |
| Dilution Factor | | | 1 | 1 | 1 | 1 | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | |
| 1,3,5-Trimethylbenzene | 5.0 | 10.0 | ND | ND | ND | ND | |
| Vinyl Acetate | 25 | 50 | ND | ND | ND | ND | |
| Vinyl chloride (Chloroethene) | 15 | 30 | ND | ND | ND | ND | |
| o-Xylene | 2.0 | 10.0 | ND | ND | ND | ND | |
| m,p-Xylenes | 2.0 | 20.0 | ND | ND | ND | ND | |
| tert-Butyl alcohol (TBA) | 20 | 500 | ND | ND | ND | ND | |
| Diisopropyl ether (DIPE) | 5 | 10 | ND | ND | ND | ND | |
| Ethyl alcohol (Ethanol) | 100 | 500 | ND | ND | ND | ND | |
| Ethyl-tert-butyl ether (ETBE) | 5 | 10 | ND | ND | ND | ND | |
| Methyl-tert-butyl ether (MTBE) | 5 | 10 | ND | ND | ND | ND | |
| tert-Amyl methyl ether (TAME) | 5 | 10 | ND | ND | ND | ND | |
| **Our Lab I.D.** | | | | **34219.01** | **34219.04** | **34219.05** | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | |
| Bromofluorobenzene | 75-125 | | 117 | 113 | 115 | 115 | |
| Dibromofluoromethane | 75-125 | | 107 | 118 | 114 | 117 | |
| Toluene-d8 | 75-125 | | 117 | 113 | 112 | 109 | |

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**Site**

15744 Arrow Hwy
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Page: 5

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005**

| Our Lab I.D. | | | Method Blank | 34219.01 | 34219.04 | 34219.05 | 34219.06 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP11-10 | GP16-1 | GP16-5 | GP17-1 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Preparation Method | | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | | **34219.01** | **34219.04** | **34219.05** | **34219.06** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 87 | 88 | 88 | 89 | 86 |

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Page: 6

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005**

| Our Lab I.D. | | | 34219.07 | 34219.08 | 34219.09 | 34219.10 | 34219.11 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP17-5 | GP17-10 | GP18-1 | GP18-5 | GP18-10 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Preparation Method | | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | **34219.07** | **34219.08** | **34219.09** | **34219.10** | **34219.11** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 88 | 88 | 87 | 87 | 89 |

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15744 Arrow Hwy
Irwindale, CA 91706

Page: 7

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005**

| Our Lab I.D. | | | 34219.12 | 34219.13 | 34219.14 | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP19-1 | GP19-5 | GP19-10 | | |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | | |
| Date Prepared | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | | |
| Preparation Method | | | 5030B | 5030B | 5030B | | |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | | |
| Matrix | | | Soil | Soil | Soil | | |
| Units | | | mg/Kg | mg/Kg | mg/Kg | | |
| Dilution Factor | | | 1 | 1 | 1 | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | | |
| **Our Lab I.D.** | | | **34219.12** | **34219.13** | **34219.14** | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | | |
| Bromofluorobenzene | 75-125 | | 87 | 89 | 86 | | |

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**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 8

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005-1**

| **Our Lab I.D.** | | | Method Blank | **34219.15** | **34219.16** | **34219.17** | **34219.18** |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP21-15 | GP21A-1 | GP21A-5 | GP21A-10 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Preparation Method | | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | | **34219.15** | **34219.16** | **34219.17** | **34219.18** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 87 | 89 | 86 | 87 | 88 |

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Irwindale, CA 91706

Page: 9

Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005-1**

| Our Lab I.D. | | | 34219.19 | 34219.20 | 34219.21 | 34219.23 | 34219.24 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP22A-1 | GP22A-5 | GP22A-10 | GP23-15 | GP23-20 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Preparation Method | | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | **34219.19** | **34219.20** | **34219.21** | **34219.23** | **34219.24** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 86 | 87 | 87 | 86 | 87 |

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Telephone: (626)930-1200
Attn: Laura Tanaka

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

**QC Batch No: 073005-1**

| **Our Lab I.D.** | | | **34219.25** | | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP23-25 | | | | |
| Date Sampled | | | 07/28/2005 | | | | |
| Date Prepared | | | 07/30/2005 | | | | |
| Preparation Method | | | 5030B | | | | |
| Date Analyzed | | | 07/30/2005 | | | | |
| Matrix | | | Soil | | | | |
| Units | | | mg/Kg | | | | |
| Dilution Factor | | | 1 | | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | | | | |
| TPH as Gasoline and Light HC. (C4-C12) | 0.500 | 1.000 | ND | | | | |
| **Our Lab I.D.** | | | **34219.25** | | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | | | | |
| Bromofluorobenzene | 75-125 | | 88 | | | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

## Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905**

| Our Lab I.D. | | | Method Blank | 34219.01 | 34219.04 | 34219.05 | 34219.06 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP11-10 | GP16-1 | GP16-5 | GP17-1 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 07/29/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 | 07/30/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | ND | ND | ND | 34.1 |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | ND | ND | ND | 613 |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | ND | ND | ND | 647 |
| **Our Lab I.D.** | | | | **34219.01** | **34219.04** | **34219.05** | **34219.06** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Chlorobenzene | 75-125 | | 94 | 81 | 94 | 93 | 95 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905**

| **Our Lab I.D.** | | | **34219.07** | | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP17-5 | | | | |
| Date Sampled | | | 07/28/2005 | | | | |
| Date Prepared | | | 07/29/2005 | | | | |
| Preparation Method | | | 3550B | | | | |
| Date Analyzed | | | 07/30/2005 | | | | |
| Matrix | | | Soil | | | | |
| Units | | | mg/Kg | | | | |
| Dilution Factor | | | 1 | | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | | | | |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | 7.36J | | | | |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | 195 | | | | |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | 202 | | | | |
| **Our Lab I.D.** | | | **34219.07** | | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | | | | |
| Chlorobenzene | 75-125 | | 95 | | | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905-1**

| Our Lab I.D. | | | Method Blank | 34219.08 | 34219.09 | 34219.10 | 34219.11 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP17-10 | GP18-1 | GP18-5 | GP18-10 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | ND | ND | ND | ND |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | ND | ND | 93.0 | 22.6 | 20.3 |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | ND | ND | 97.8 | 23.8 | 21.6 |
| **Our Lab I.D.** | | | | **34219.08** | **34219.09** | **34219.10** | **34219.11** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Chlorobenzene | 75-125 | | 101 | 90 | 92 | 97 | 94 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905-1**

| Our Lab I.D. | | | 34219.12 | 34219.13 | 34219.14 | 34219.15 | 34219.16 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP19-1 | GP19-5 | GP19-10 | GP21-15 | GP21A-1 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | ND | ND | ND | 134 | 6.98J |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | 12.6 | ND | ND | 201 | 63.7 |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | 14.1 | ND | ND | 335 | 70.7 |
| **Our Lab I.D.** | | | **34219.12** | **34219.13** | **34219.14** | **34219.15** | **34219.16** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Chlorobenzene | 75-125 | | 86 | 96 | 98 | 91 | 89 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905-1**

| Our Lab I.D. | | | 34219.17 | 34219.18 | 34219.19 | 34219.20 | 34219.21 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP21A-5 | GP21A-10 | GP22A-1 | GP22A-5 | GP22A-10 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | 6.45J | ND | 5.97J | ND | ND |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | 137 | ND | 39.3 | ND | ND |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | 143 | ND | 45.3 | ND | ND |
| **Our Lab I.D.** | | | **34219.17** | **34219.18** | **34219.19** | **34219.20** | **34219.21** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Chlorobenzene | 75-125 | | 88 | 101 | 96 | 94 | 92 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

**QC Batch No: 072905-1**

| **Our Lab I.D.** | | | **34219.23** | **34219.24** | **34219.25** | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP23-15 | GP23-20 | GP23-25 | | |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | | |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | | |
| Preparation Method | | | 3550B | 3550B | 3550B | | |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | | |
| Matrix | | | Soil | Soil | Soil | | |
| Units | | | mg/Kg | mg/Kg | mg/Kg | | |
| Dilution Factor | | | 1 | 1 | 1 | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | | |
| TPH as Diesel (C13-C22) | 5.0 | 10.0 | 133 | 28.9 | 20.9 | | |
| TPH as Heavy Hydrocarbons (C23-C40) | 5.0 | 10.0 | 1,220 | 434 | 56.9 | | |
| TPH Total as Diesel and Heavy HC.C13-C40 | 5.0 | 10.0 | 1,350 | 463 | 77.8 | | |
| **Our Lab I.D.** | | | **34219.23** | **34219.24** | **34219.25** | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | | |
| Chlorobenzene | 75-125 | | 99 | 99 | 87 | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

## Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

**QC Batch No: 072905**

| Our Lab I.D. | | | Method Blank | | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | | | | |
| Date Sampled | | | | | | | |
| Date Prepared | | | 07/29/2005 | | | | |
| Preparation Method | | | 3550B | | | | |
| Date Analyzed | | | 08/01/2005 | | | | |
| Matrix | | | Soil | | | | |
| Units | | | ug/Kg | | | | |
| Dilution Factor | | | 1 | | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | | | | |
| Aroclor-1016 (PCB-1016) | 35 | 35 | ND | | | | |
| Aroclor-1221 (PCB-1221) | 70 | 70 | ND | | | | |
| Aroclor-1232 (PCB-1232) | 35 | 35 | ND | | | | |
| Aroclor-1242 (PCB-1242) | 35 | 35 | ND | | | | |
| Aroclor-1248 (PCB-1248) | 35 | 35 | ND | | | | |
| Aroclor-1254 (PCB-1254) | 35 | 35 | ND | | | | |
| Aroclor-1260 (PCB-1260) | 35 | 35 | ND | | | | |
| Aroclor-1262 (PCB-1262) | 35 | 35 | ND | | | | |
| Aroclor-1268 (PCB-1268) | 35 | 35 | ND | | | | |
| **Our Lab I.D.** | | | | | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | | | | |
| Tetrachloro-m-xylene | 30-150 | | 97 | | | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

**QC Batch No: 072905**

| Our Lab I.D. | | | 34219.06 | 34219.07 | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP17-1 | GP17-5 | | | |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | | | |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | | | |
| Preparation Method | | | 3550B | 3550B | | | |
| Date Analyzed | | | 08/01/2005 | 08/02/2005 | | | |
| Matrix | | | Soil | Soil | | | |
| Units | | | ug/Kg | ug/Kg | | | |
| Dilution Factor | | | 2 | 2 | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | | | |
| Aroclor-1016 (PCB-1016) | 70 | 70 | ND | ND | | | |
| Aroclor-1221 (PCB-1221) | 140 | 140 | ND | ND | | | |
| Aroclor-1232 (PCB-1232) | 70 | 70 | ND | ND | | | |
| Aroclor-1242 (PCB-1242) | 70 | 70 | ND | ND | | | |
| Aroclor-1248 (PCB-1248) | 70 | 70 | ND | ND | | | |
| Aroclor-1254 (PCB-1254) | 70 | 70 | ND | ND | | | |
| Aroclor-1260 (PCB-1260) | 70 | 70 | ND | ND | | | |
| Aroclor-1262 (PCB-1262) | 70 | 70 | ND | ND | | | |
| Aroclor-1268 (PCB-1268) | 70 | 70 | ND | ND | | | |

*Comment(s):*

*34219.06 and 34219.07: Samples were diluted due to matrix interference.*

| Our Lab I.D. | | | 34219.06 | 34219.07 | | | |
|---|---|---|---|---|---|---|---|
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | | | |
| Tetrachloro-m-xylene | 30-150 | | 88 | 91 | | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

## Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

**QC Batch No: 072905**

| Our Lab I.D. | | | 34219.08 | 34219.09 | 34219.10 | 34219.11 | 34219.12 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP17-10 | GP18-1 | GP18-5 | GP18-10 | GP19-1 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 | 07/29/2005 |
| Preparation Method | | | 3550B | 3550B | 3550B | 3550B | 3550B |
| Date Analyzed | | | 08/02/2005 | 08/02/2005 | 08/02/2005 | 08/02/2005 | 08/02/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | ug/Kg | ug/Kg | ug/Kg | ug/Kg | ug/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Aroclor-1016 (PCB-1016) | 35 | 35 | ND | ND | ND | ND | ND |
| Aroclor-1221 (PCB-1221) | 70 | 70 | ND | ND | ND | ND | ND |
| Aroclor-1232 (PCB-1232) | 35 | 35 | ND | ND | ND | ND | ND |
| Aroclor-1242 (PCB-1242) | 35 | 35 | ND | ND | ND | ND | ND |
| Aroclor-1248 (PCB-1248) | 35 | 35 | ND | ND | ND | ND | ND |
| Aroclor-1254 (PCB-1254) | 35 | 35 | ND | ND | ND | ND | ND |
| Aroclor-1260 (PCB-1260) | 35 | 35 | ND | ND | ND | ND | ND |
| Aroclor-1262 (PCB-1262) | 35 | 35 | ND | ND | ND | ND | ND |
| Aroclor-1268 (PCB-1268) | 35 | 35 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | **34219.08** | **34219.09** | **34219.10** | **34219.11** | **34219.12** |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Tetrachloro-m-xylene | 30-150 | | 83 | 86 | 82 | 82 | 82 |

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## ANALYTICAL RESULTS

**Ordered By**

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Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

**QC Batch No: 072905**

| **Our Lab I.D.** | | | **34219.13** | **34219.14** | | | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP19-5 | GP19-10 | | | |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | | | |
| Date Prepared | | | 07/29/2005 | 07/29/2005 | | | |
| Preparation Method | | | 3550B | 3550B | | | |
| Date Analyzed | | | 08/02/2005 | 08/02/2005 | | | |
| Matrix | | | Soil | Soil | | | |
| Units | | | ug/Kg | ug/Kg | | | |
| Dilution Factor | | | 1 | 1 | | | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | | | |
| Aroclor-1016 (PCB-1016) | 35 | 35 | ND | ND | | | |
| Aroclor-1221 (PCB-1221) | 70 | 70 | ND | ND | | | |
| Aroclor-1232 (PCB-1232) | 35 | 35 | ND | ND | | | |
| Aroclor-1242 (PCB-1242) | 35 | 35 | ND | ND | | | |
| Aroclor-1248 (PCB-1248) | 35 | 35 | ND | ND | | | |
| Aroclor-1254 (PCB-1254) | 35 | 35 | ND | ND | | | |
| Aroclor-1260 (PCB-1260) | 35 | 35 | ND | ND | | | |
| Aroclor-1262 (PCB-1262) | 35 | 35 | ND | ND | | | |
| Aroclor-1268 (PCB-1268) | 35 | 35 | ND | ND | | | |
| **Our Lab I.D.** | | | **34219.13** | **34219.14** | | | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | | | |
| Tetrachloro-m-xylene | 30-150 | | 86 | 86 | | | |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

### Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080305-1**

| Our Lab I.D. | | | Method Blank | 34219.01 | 34219.04 | 34219.05 | 34219.15 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP11-10 | GP16-1 | GP16-5 | GP21-15 |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 |
| Preparation Method | | | 3050B | 3050B | 3050B | 3050B | 3050B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Antimony | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Arsenic | 1.0 | 5.0 | ND | 6.00 | 3.90J | 3.10J | 7.15 |
| Barium | 2.5 | 5.0 | ND | 41.4 | 72.0 | 108 | 160 |
| Beryllium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Cadmium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Chromium | 2.5 | 5.0 | ND | 6.30 | 12.6 | 11.3 | 36.7 |
| Cobalt | 2.5 | 5.0 | ND | 3.45J | 7.50 | 10.1 | 4.10J |
| Copper | 2.5 | 5.0 | ND | 8.60 | 16.6 | 77.0 | 13.8 |
| Lead | 2.5 | 5.0 | ND | 4.00J | 6.65 | ND | 238 |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | ND | ND | ND | ND |
| Molybdenum | 2.5 | 5.0 | ND | 2.85J | ND | ND | ND |
| Nickel | 2.5 | 5.0 | ND | 4.90J | 10.5 | 8.35 | 5.70 |
| Selenium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Silver | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Thallium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Vanadium | 2.5 | 5.0 | ND | 10.1 | 22.6 | 35.4 | 10.4 |
| Zinc | 2.5 | 5.0 | ND | 38.7 | 42.8 | 39.2 | 22.1 |

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Irwindale, CA 91706

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080305-1**

| Our Lab I.D. | | | 34219.16 | 34219.17 | 34219.18 | 34219.19 | 34219.20 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP21A-1 | GP21A-5 | GP21A-10 | GP22A-1 | GP22A-5 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 |
| Preparation Method | | | 3050B | 3050B | 3050B | 3050B | 3050B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Antimony | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Arsenic | 1.0 | 5.0 | 2.25J | 4.60J | 3.10J | 2.30J | 8.55 |
| Barium | 2.5 | 5.0 | 85.0 | 26.4 | 53.5 | 96.5 | 36.9 |
| Beryllium | 1.3 | 2.5 | ND | ND | ND | ND | ND |
| Cadmium | 1.3 | 2.5 | ND | ND | ND | 2.75 | ND |
| Chromium | 2.5 | 5.0 | 10.3 | 4.05J | 4.75J | 12.0 | 6.55 |
| Cobalt | 2.5 | 5.0 | 6.10 | 2.80J | 3.65J | 8.00 | 3.80J |
| Copper | 2.5 | 5.0 | 112 | 6.65 | 35.0 | 110 | 11.3 |
| Lead | 2.5 | 5.0 | 610 | 2.85J | ND | 41.3 | 3.25J |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | ND | ND | ND | ND |
| Molybdenum | 2.5 | 5.0 | ND | ND | ND | 2.85J | ND |
| Nickel | 2.5 | 5.0 | 8.25 | 3.50J | 3.75J | 20.6 | 4.85J |
| Selenium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Silver | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Thallium | 1.0 | 5.0 | ND | ND | ND | ND | ND |
| Vanadium | 2.5 | 5.0 | 18.5 | 8.50 | 12.0 | 22.4 | 10.8 |
| Zinc | 2.5 | 5.0 | 73.0 | 17.6 | 23.1 | 126 | 25.5 |

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080305-1**

| Our Lab I.D. | | | 34219.21 | 34219.23 | 34219.24 | 34219.25 |
|---|---|---|---|---|---|---|
| Client Sample I.D. | | | GP22A-10 | GP23-15 | GP23-20 | GP23-25 |
| Date Sampled | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | 07/28/2005 |
| Date Prepared | | | 08/03/2005 | 08/03/2005 | 08/03/2005 | 08/03/2005 |
| Preparation Method | | | 3050B | 3050B | 3050B | 3050B |
| Date Analyzed | | | 08/04/2005 | 08/04/2005 | 08/04/2005 | 08/04/2005 |
| Matrix | | | Soil | Soil | Soil | Soil |
| Units | | | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| Dilution Factor | | | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** |
| Antimony | 1.0 | 5.0 | ND | ND | ND | ND |
| Arsenic | 1.0 | 5.0 | 4.75J | 3.55J | 5.70 | 2.15J |
| Barium | 2.5 | 5.0 | 38.0 | 66.5 | 64.5 | 48.2 |
| Beryllium | 1.3 | 2.5 | ND | ND | ND | ND |
| Cadmium | 1.3 | 2.5 | ND | ND | ND | ND |
| Chromium | 2.5 | 5.0 | 6.65 | 8.20 | 30.7 | 22.7 |
| Cobalt | 2.5 | 5.0 | 3.60J | 3.55J | 5.20 | ND |
| Copper | 2.5 | 5.0 | 9.15 | 14.4 | 19.6 | 4.80J |
| Lead | 2.5 | 5.0 | 2.60J | 56.5 | 28.8 | 11.1 |
| Mercury (By EPA 7471) | 0.1 | 0.2 | ND | ND | ND | ND |
| Molybdenum | 2.5 | 5.0 | ND | ND | ND | 4.80J |
| Nickel | 2.5 | 5.0 | 5.00 | 6.15 | 16.8 | 4.65J |
| Selenium | 1.0 | 5.0 | ND | ND | ND | ND |
| Silver | 2.5 | 5.0 | ND | ND | ND | ND |
| Thallium | 1.0 | 5.0 | ND | ND | ND | ND |
| Vanadium | 2.5 | 5.0 | 11.0 | 14.6 | 17.7 | 3.80J |
| Zinc | 2.5 | 5.0 | 21.4 | 44.1 | 47.9 | 20.7 |

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Page: 24
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

## QUALITY CONTROL REPORT

**QC Batch No: 080305-1 Sample Spiked: 34219.01 QC Prepared: 08/03/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 1.00 | 0.86 | 86 | 1.00 | 0.90 | 90 | 4.5 | 80-120 | <15 |
| Arsenic | 0.120 | 1.00 | 1.19 | 107 | 1.00 | 1.07 | 95 | 11.9 | 80-120 | <15 |
| Barium | 0.828 | 1.00 | 1.86 | 103 | 1.00 | 1.86 | 103 | <1 | 80-120 | <15 |
| Beryllium | ND | 1.00 | 1.04 | 104 | 1.00 | 1.03 | 103 | <1 | 80-120 | <15 |
| Cadmium | ND | 1.00 | 1.05 | 105 | 1.00 | 1.04 | 104 | <1 | 80-120 | <15 |
| Chromium | 0.126 | 1.00 | 1.15 | 102 | 1.00 | 1.15 | 102 | <1 | 80-120 | <15 |
| Cobalt | 0.069 | 1.00 | 1.11 | 104 | 1.00 | 1.10 | 103 | <1 | 80-120 | <15 |
| Copper | 0.172 | 1.00 | 1.26 | 109 | 1.00 | 1.25 | 108 | <1 | 80-120 | <15 |
| Lead | 0.080 | 1.00 | 1.11 | 103 | 1.00 | 1.12 | 104 | <1 | 80-120 | <15 |
| Mercury (By EPA 7471) | ND | 0.01 | 0.01 | 104 | 0.01 | 0.01 | 103 | <1 | 80-120 | <15 |
| Molybdenum | 0.057 | 1.00 | 1.09 | 103 | 1.00 | 1.08 | 102 | <1 | 80-120 | <15 |
| Nickel | 0.098 | 1.00 | 1.11 | 101 | 1.00 | 1.10 | 100 | <1 | 80-120 | <15 |
| Selenium | ND | 1.00 | 0.95 | 95 | 1.00 | 0.86 | 86 | 9.9 | 80-120 | <15 |
| Silver | ND | 1.00 | 0.99 | 99 | 1.00 | 0.99 | 99 | <1 | 80-120 | <15 |
| Thallium | ND | 1.00 | 0.90 | 90 | 1.00 | 0.95 | 95 | 5.4 | 80-120 | <15 |
| Vanadium | 0.201 | 1.00 | 1.21 | 101 | 1.00 | 1.21 | 101 | <1 | 80-120 | <15 |
| Zinc | 0.773 | 1.00 | 1.80 | 103 | 1.00 | 1.79 | 102 | <1 | 80-120 | <15 |

**QC Batch No: 080305-1 Sample Spiked: 34219.01 QC Prepared: 08/03/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 1.00 | 0.96 | 96 | 80-120 | | | | | | |
| Arsenic | 1.00 | 1.05 | 105 | 80-120 | | | | | | |
| Barium | 1.00 | 1.08 | 108 | 80-120 | | | | | | |
| Beryllium | 1.00 | 1.04 | 104 | 80-120 | | | | | | |
| Cadmium | 1.00 | 1.05 | 105 | 80-120 | | | | | | |
| Chromium | 1.00 | 1.06 | 106 | 80-120 | | | | | | |
| Cobalt | 1.00 | 1.06 | 106 | 80-120 | | | | | | |
| Copper | 1.00 | 1.06 | 106 | 80-120 | | | | | | |
| Lead | 1.00 | 1.05 | 105 | 80-120 | | | | | | |

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# ANALYTICAL RESULTS

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Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submittd | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

## Method: (6010B/7000CAM), CAM Title 22 Metals (SW-846)

**QC Batch No: 080305-1 Sample Spiked: 34219.01 QC Prepared: 08/03/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury (By EPA 7471) | 0.01 | 0.01 | 95 | 80-120 | | | | | | |
| Molybdenum | 1.00 | 1.01 | 101 | 80-120 | | | | | | |
| Nickel | 1.00 | 1.05 | 105 | 80-120 | | | | | | |
| Selenium | 1.00 | 1.07 | 107 | 80-120 | | | | | | |
| Silver | 1.00 | 1.01 | 101 | 80-120 | | | | | | |
| Thallium | 1.00 | 1.15 | 115 | 80-120 | | | | | | |
| Vanadium | 1.00 | 1.04 | 104 | 80-120 | | | | | | |
| Zinc | 1.00 | 1.07 | 107 | 80-120 | | | | | | |

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Page: 26
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

## QUALITY CONTROL REPORT

**QC Batch No: 072905 Sample Spiked: 072905 QC Prepared: 07/29/2005 QC Analyzed: 08/02/2005 Units: ug/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 (PCB-1260) | 0.0 | 500.00 | 605.00 | 121 | 500.00 | 605.00 | 121 | <1 | 50-150 | <50 |

**QC Batch No: 072905 Sample Spiked: 072905 QC Prepared: 07/29/2005 QC Analyzed: 08/02/2005 Units: ug/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 (PCB-1260) | 500.00 | 605.00 | 121 | 50-150 | | | | | | |

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Page: 27
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

## QUALITY CONTROL REPORT

**QC Batch No: 073005 Sample Spiked: 073005 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: ug/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.0 | 50.00 | 47.00 | 94 | 50.00 | 49.50 | 99 | 5.2 | 75-125 | <20 |
| Chlorobenzene | 0.0 | 50.00 | 40.00 | 80 | 50.00 | 43.50 | 87 | 8.4 | 75-125 | <20 |
| 1,1-Dichloroethene | 0.0 | 50.00 | 55.00 | 110 | 50.00 | 51.50 | 103 | 6.6 | 75-125 | <20 |
| Toluene (Methyl benzene) | 0.0 | 50.00 | 41.00 | 82 | 50.00 | 44.00 | 88 | 7.1 | 75-125 | <20 |
| Trichloroethene | 0.0 | 50.00 | 52.50 | 105 | 50.00 | 56.50 | 113 | 7.3 | 75-125 | <20 |
| Methyl-tert-butyl ether (MTBE) | 0.0 | 50.00 | 54.50 | 109 | 50.00 | 56.00 | 112 | 2.7 | 75-125 | <20 |

**QC Batch No: 073005 Sample Spiked: 073005 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: ug/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 50.00 | 53.50 | 107 | 75-125 | | | | | | |
| Chlorobenzene | 50.00 | 43.00 | 86 | 75-125 | | | | | | |
| 1,1-Dichloroethene | 50.00 | 59.00 | 118 | 75-125 | | | | | | |
| Toluene (Methyl benzene) | 50.00 | 47.50 | 95 | 75-125 | | | | | | |
| Trichloroethene | 50.00 | 51.00 | 102 | 75-125 | | | | | | |
| Methyl-tert-butyl ether (MTBE) | 50.00 | 60.50 | 121 | 75-125 | | | | | | |
| **LCS** | | | | | | | | | | |
| Chloroform (Trichloromethane) | 50.00 | 61.00 | 122 | 75-125 | | | | | | |
| Ethylbenzene | 50.00 | 44.00 | 88 | 75-125 | | | | | | |
| 1,1,1-Trichloroethane | 50.00 | 60.50 | 121 | 75-125 | | | | | | |
| o-Xylene | 50.00 | 38.50 | 77 | 75-125 | | | | | | |
| m,p-Xylenes | 100.00 | 80.00 | 80 | 75-125 | | | | | | |

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Page: 28
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 072905 Sample Spiked: 34219.05 QC Prepared: 07/29/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 0.0 | 500.00 | 430.00 | 86 | 500.00 | 420.00 | 84 | 2.4 | 75-125 | <20 |

**QC Batch No: 072905 Sample Spiked: 34219.05 QC Prepared: 07/29/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 500.00 | 420.00 | 84 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 29
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 072905-1 Sample Spiked: 34219.21 QC Prepared: 07/29/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 0.0 | 500.00 | 390.00 | 78 | 500.00 | 395.00 | 79 | 1.3 | 75-125 | <20 |

**QC Batch No: 072905-1 Sample Spiked: 34219.21 QC Prepared: 07/29/2005 QC Analyzed: 08/04/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel (C13-C22) | 500.00 | 450.00 | 90 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 30
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 073005 Sample Spiked: 34219.09 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 0.0 | 2.50 | 2.10 X | 84 | 2.50 | 2.03 X | 81 | 3.6 | 75-125 | <20 |

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
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Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 31
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34219 | 07/28/2005 | CONVRS |

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

## QUALITY CONTROL REPORT

**QC Batch No: 073005-1 Sample Spiked: 34219.21 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 0.0 | 2.50 | 1.93 | 77 | 2.50 | 2.20 | 88 | 13.3 | 75-125 | <20 |

**QC Batch No: 073005-1 Sample Spiked: 34219.21 QC Prepared: 07/30/2005 QC Analyzed: 07/30/2005 Units: mg/Kg**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Gasoline and Light HC. (C4-C12) | 2.50 | 2.05 | 82 | 75-125 | | | | | | |

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# Data Qualifiers and Descriptors

## *Data Qualifier:*

| | |
|---|---|
| *: | In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied. |
| B: | Analyte was present in the Method Blank. |
| D: | Result is from a diluted analysis. |
| E: | Result is beyond calibration limits and is estimated. |
| H: | Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control. |
| J: | Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL). |
| M: | Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable. |
| S6: | Surrogate recovery is outside control limits due to matrix interference. |
| S8: | The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria. |
| X: | Results represent LCS and LCSD data. |

## *Definition:*

| | |
|---|---|
| %Limi: | Percent acceptable limits. |
| %REC: | Percent recovery. |
| Con.L: | Acceptable Control Limits |
| Conce: | Added concentration to the sample. |
| LCS: | Laboratory Control Sample |
| MDL: | Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability. |
| MS: | Matrix Spike |
| MS DU: | Matrix Spike Duplicate |

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# Data Qualifiers and Descriptors

ND: Analyte was not detected in the sample at or above MDL.

PQL: Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.

Recov: Recovered concentration in the sample.

RPD: Relative Percent Difference

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**Ordered By**

Converse Consultants
222 E. Huntington Drive Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attention: Laura Tanaka

Number of Pages 2
Date Received 07/28/2005
Date Reported 08/15/2005

| Job Number | Order Date | Client |
|---|---|---|
| 34281 | 08/08/2005 | CONVRS |

---

**Project ID:** 05-41-216-02
**Project Name:** Shannon Caskets
**Site:** 15744 Arrow Hwy
Irwindale, CA 91706

Enclosed please find results of analyses of 3 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.
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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

# CHAIN OF CUSTODY RECORD

№ 39757

AETL JOB No. 34281 ~~34219~~



COMPANY: Converse Consultants
PHONE: 626-930-1200
PROJECT MANAGER: Laura Tanaka
FAX: 626-930-1212
PROJECT NAME: Shannon Crafts
PROJECT #: 05-41-216-02
SITE NAME AND ADDRESS: 15744 Arrow Hwy, Irwindale, CA

| | SAMPLE ID | LAB ID | DATE | TIME | MATRIX | CONTAINER NUMBER/SIZE | PRES. | 8015m TPHg | 8015m TPHd | 8015m TPHeu | 6010 Metals | 8260 VOC's | 8082 PCB's | STLC Pb | ARCHIVE | | TEST INSTRUCTIONS & COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6P21-15 | ~~34219.15~~ | 7/28/05 | 10:15 | soil | 1 sleeve | ICE | | | X | X | | | * | | | 34281.01 |
| 2 | 6P21A-1 | ~~34219.16~~ | | 14:30 | | | | | | X | X | | | * | | | 34281.02 |
| 3 | 5 | 34219.17 | | 14:34 | | | | | | X | X | | | | | | |
| 4 | 10 | 34219.18 | | 14:41 | | | | | | X | X | | | | | | |
| 5 | 6P22A-1 | 34219.19 | | 13:15 | | | | | | X | X | | | | | | |
| 6 | 5 | 34219.20 | | 13:20 | | | | | | X | X | | | | | | |
| 7 | 10 | 34219.21 | | 13:27 | | | | | | X | X | | | | | | |
| 8 | 15 | 34219.22 | | 13:43 | | | | | | | | | | | X | | |
| 9 | 6P23-15 | ~~34219.23~~ | | 11:46 | | | | | | X | X | | | * | | | 34281.03 |
| 10 | 20 | 34219.24 | | 12:00 | | | | | | X | X | | | | | | |
| 11 | 25 | 34219.25 | | 12:17 | | | | | | X | X | | | | | | |
| 12 | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |

*-Added 8/8/05 Normal TAT

## SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

| | | | |
|---|---|---|---|
| TOTAL NUMBER OF CONTAINERS | 11 | PROPERLY COOLED | Y / N / NA |
| CUSTODY SEALS Y / N / NA | | SAMPLES INTACT | Y / N / NA |
| RECEIVED IN GOOD COND | Y / N | SAMPLES ACCEPTED | Y / N |

## TURN AROUND TIME

☒ NORMAL ☐ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

| RELINQUISHED BY SAMPLER: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: | Signature: | Signature: |
| Printed Name: William Ragsdale | Printed Name: | Printed Name: C. Tacdiluo |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 7/28/05 Time: 1700 |
| **RECEIVED BY: 1.** | **RECEIVED BY: 2.** | **RECEIVED BY LABORATORY: 3.** |
| Signature: | Signature: | Signature: |
| Printed Name: Christian Tacdiluo | Printed Name: | Printed Name: Greg |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 07/28/05 Time: 17:00 |

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

## Jim Lin

**From:** Laura Tanaka(Monv.) [ltanaka@ConverseConsultants.com]
**Sent:** Friday, August 05, 2005 6:08 PM
**To:** Jim Lin
**Subject:** FW: Summary results of analysis of samples from project "Shannon Caskets, Irwindale, CA"

34219-so_6010b7000cam.xls 34219-so_8082.xls 34219-so_8260b.xls 34219-so_m8015d.xls 34219-so_m8015g.xls Job 34219.pdf

*Please run the STLC for lead only: samples from GP21-15; GP21A-1 and GP23-15*

*Laura Tanaka*
*Senior Environmental Scientist*
*Converse Consultants*
*626.930.1261*

*See our new Teaming Website http://www.converseassociates.com designed to make it easier and more efficient to build teams providing geotechnical and environmental engineering services. You can become part of a network of highly qualified technical specialists to provide better, more cost-effective solutions to client projects.*

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*-----Original Message-----*
*From: Jim Lin [mailto:jiml@aetlab.com]*
*Sent: Friday, August 05, 2005 5:16 PM*
*To: Laura Tanaka(Monv.)*
*Subject: Summary results of analysis of samples from project "Shannon Caskets, Irwindale, CA"*

*Dear Laura,*

*Herewith please find Summary results of analysis of samples from project "Shannon Caskets, Irwindale, CA"*

*AETL Job No: 34219. (Hard Copy will be in the Mail).*

*Should you have other questions or requests, please feel free to contact me.*

*Jim Lin, AETL*
*Operations Manager*

TABLE
Summary of Soil Analytical Results for Soluble Threshold Limit Concentration (STLC)
15744 Arrow Hwy Irwindale, CA 91706

**Soluble Threshold Limit Concentration (STLC). Method: (6010B-STLC)**

| Sample ID | STLC Limit mg/L | Units | GP21-15 | GP21A-1 | GP23-15 |
|---|---|---|---|---|---|
| Sample Date | | | 7/28/2005 | 7/28/2005 | 7/28/2005 |
| Laboratory Job Number | | | 34281 | 34281 | 34281 |
| Lead (STLC) | 5.0 | mg/L | **26.6** | **15.8** | **6.10** |

1) "ND<X" INDICATES CONSTITUENT(S) NOT DETECTED AT OR ABOVE METHOD DETECTION LIMIT.
2) "J" INDICATES ANALYTE WAS DETECTED. HOWEVER, ANALYTE CONCENTRATION IS AN ESTIMATED VALUE WHICH IS BETWEEN THE METHOD DETECTION LIMIT (MDL) AND THE PRACTICAL QUANTITATION LIMIT(PQL).
3) "D" INDICATES THE SAMPLE WAS DILUTED TO BRING THE ANALYTE CONCENTRATION WITHIN CALIBRATION RANGE.

File: SO_6010BSTLC.xls

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 2
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34281 | 07/28/2005 | CONVRS |

### Method: (6010B-STLC), Soluble Threshold Limit Concentration (STLC)

**QC Batch No: 081005-1**

| Our Lab I.D. | | | Method Blank | 34281.01 | 34281.02 | 34281.03 | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP21-15 | GP21A-1 | GP23-15 | |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | |
| Date Prepared | | | 08/10/2005 | 08/10/2005 | 08/10/2005 | 08/10/2005 | |
| Preparation Method | | | TITLE 22 | TITLE 22 | TITLE 22 | TITLE 22 | |
| Date Analyzed | | | 08/12/2005 | 08/12/2005 | 08/12/2005 | 08/12/2005 | |
| Matrix | | | Soil | Soil | Soil | Soil | |
| Units | | | mg/L | mg/L | mg/L | mg/L | |
| Dilution Factor | | | 1 | 1 | 1 | 1 | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | |
| Lead (STLC) | 0.05 | 0.10 | ND | 26.6 | 15.8 | 6.10 | |

## QUALITY CONTROL REPORT

**QC Batch No: 081005-1 Sample Spiked: 34281.01 QC Prepared: 08/10/2005 QC Analyzed: 08/12/2005 Units: mg/L**

| Analytes | SM Result | SM DUP Result | RPD % | SM RPD % Limit | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Lead (STLC) | 26.6 | 28.0 | 5.1 | <20 | 1.00 | 0.98 | 98 | 80-120 | | |

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# Data Qualifiers and Descriptors

## *Data Qualifier:*

| | |
|---|---|
| *: | In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied. |
| B: | Analyte was present in the Method Blank. |
| D: | Result is from a diluted analysis. |
| E: | Result is beyond calibration limits and is estimated. |
| H: | Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control. |
| J: | Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL). |
| M: | Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable. |
| S6: | Surrogate recovery is outside control limits due to matrix interference. |
| S8: | The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria. |
| X: | Results represent LCS and LCSD data. |

## *Definition:*

| | |
|---|---|
| %Limi: | Percent acceptable limits. |
| %REC: | Percent recovery. |
| Con.L: | Acceptable Control Limits |
| Conce: | Added concentration to the sample. |
| LCS: | Laboratory Control Sample |
| MDL: | Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability. |
| MS: | Matrix Spike |
| MS DU: | Matrix Spike Duplicate |

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# Data Qualifiers and Descriptors

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PQL: Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.

Recov: Recovered concentration in the sample.

RPD: Relative Percent Difference

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## ANALYTICAL RESULTS

**Ordered By**

Converse Consultants
222 E. Huntington Drive
Suite 211
Monrovia, CA 91016-

Telephone: (626)930-1200
Attn: Laura Tanaka

**Site**

15744 Arrow Hwy
Irwindale, CA 91706

Page: 2
Project ID: 05-41-216-02
Project Name: Shannon Caskets

| AETL Job Number | Submitted | Client |
|---|---|---|
| 34563 | 09/12/2005 | CONVRS |

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure (TCLP,EPA 1311)

**QC Batch No: 091205-1**

| Our Lab I.D. | | | Method Blank | 34563.01 | 34563.02 | 34563.03 | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | GP21-15 | GP21A-1 | GP23-15 | |
| Date Sampled | | | | 07/28/2005 | 07/28/2005 | 07/28/2005 | |
| Date Prepared | | | 09/12/2005 | 09/12/2005 | 09/12/2005 | 09/12/2005 | |
| Preparation Method | | | 1311 | 1311 | 1311 | 1311 | |
| Date Analyzed | | | 09/14/2005 | 09/14/2005 | 09/14/2005 | 09/14/2005 | |
| Matrix | | | Soil | Soil | Soil | Soil | |
| Units | | | mg/L | mg/L | mg/L | mg/L | |
| Dilution Factor | | | 1 | 1 | 1 | 1 | |
| Analytes | MDL | PQL | Results | Results | Results | Results | |
| Lead (TCLP) | 0.05 | 0.10 | ND | ND | 0.280 | ND | |

## QUALITY CONTROL REPORT

**QC Batch No: 091205-1 Sample Spiked: 34563.01 QC Prepared: 09/12/2005 QC Analyzed: 09/14/2005 Units: mg/L**

| Analytes | SM Result | SM DUP Result | RPD % | SM RPD % Limit | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Lead (TCLP) | ND | ND | <1 | <20 | 1.00 | 1.04 | 104 | 80-120 | | |

#1271 P.003/004
AMERICAN ENV TESTING LAB
14.SEP'2005 12:28 6199468940

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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840

# CHAIN OF CUSTODY RECORD

№ 39757

AETL JOB No. ~~34281~~ 34219-34563



COMPANY: Converse Consultants — PHONE: 626-930-1200
PROJECT MANAGER: Laura Tamaka — FAX: 626-930-1212
PROJECT NAME: Shannon Crockett — PROJECT #: 05-41-216-02
SITE NAME AND ADDRESS: 15244 Arrow Hwy, Irwindale, CA

| SAMPLE ID | LAB ID | DATE | TIME | MATRIX | CONTAINER NUMBER/SIZE | PRES. | 8015m TPH-g | 8015m TPH-d | 8015m TPHeo | 6010 Metals | 8260 VOC's | 8082 PCB's | STLC Pb | ARCHIVE | TCLP Pb | TEST INSTRUCTIONS & COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | ~~* Added 8/8/05~~ ~~Normal TAT~~ |
| | | | | | | | | | | | | | | | | ⊗ Added 09/12/05 48 hr rush Due 09/14/05 am |
| 6P21-15 | ~~34219.15~~ | 7/28/05 | 10:15 | soil | 1 sleeve | Ice | | | x | x | | | * | | ⊗ | ~~34281.01~~ 34563.01 |
| 6P21A-1 | ~~34219.16~~ | | 14:30 | | | | | | x | x | | | * | | ⊗ | ~~34281.02~~ 34563.02 |
| 5 | 34219.17 | | 14:34 | | | | | | x | x | | | | | | |
| 10 | 34219.18 | | 14:41 | | | | | | x | x | | | | | | |
| 6P22A-1 | 34219.19 | | 13:15 | | | | | | x | x | | | | | | |
| 5 | 34219.20 | | 13:20 | | | | | | x | x | | | | | | |
| 10 | 34219.21 | | 13:27 | | | | | | x | x | | | | | | |
| * 15 | 34219.22 | | 13:43 | | | | | | | | | | | x | | |
| 6P23-15 | ~~34219.23~~ | | 11:46 | | | | | | x | x | | | * | | ⊗ | ~~34281.03~~ 34563.03 |
| 20 | 34219.24 | | 12:00 | | | | | | x | x | | | | | | |
| 25 | 34219.25 | | 12:17 | | | | | | x | x | | | | | | |

## SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

| | | | |
|---|---|---|---|
| TOTAL NUMBER OF CONTAINERS | 11 | PROPERLY COOLED | Y / N / NA |
| CUSTODY SEALS | Y / N / NA | SAMPLES INTACT | Y / N / NA |
| RECEIVED IN GOOD COND | Y / N | SAMPLES ACCEPTED | Y / N |

TURN AROUND TIME: ~~NORMAL~~ ☒ RUSH ☐ SAME DAY ☐ 24 HRS. ☐ 48 HRS. ☐ 72 HRS.

| RELINQUISHED BY SAMPLER: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: | Signature: | Signature: |
| Printed Name: William Ragsdale | Printed Name: | Printed Name: E. Tapiledo |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 7/28/05 Time: 1700 |
| RECEIVED BY: 1. | RECEIVED BY: 2. | RECEIVED BY LABORATORY: 3. |
| Signature: | Signature: | Signature: |
| Printed Name: CHRISTIAN PAGOLILO | Printed Name: | Printed Name: |
| Date: 7/28/05 Time: 1610 | Date: Time: | Date: 07/28/05 Time: 17:00 |

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